

Author index to Volumes 271–300

- Aase, S.B., see Richmann, M.K.
- Abdou, M., see Lu, Z.
- Abdou, M.A., see Badawi, A.
- Abdullaev, S.S., see Finken, K.H.
- Abe, H., and E. Kuramoto, Interaction of solutes with irradiation-induced defects of electron-irradiated dilute iron alloys
- Abe, H. and E. Kuramoto, Recovery of electrical resistivity of high-purity iron irradiated with 30 MeV electrons at 77 K
- Abe, K., see Chuto, T.
- Abe, K., see Fujiwara, M.
- Abe, K., see Fukuda, T.
- Abe, K., see Hasegawa, A.
- Abe, K., see Inoue, M.
- Abe, K., see Kawano, S.
- Abe, K., see Kohyama, A.
- Abe, K., see Kurtz, R.J.
- Abe, K., see Nemoto, Y.
- Abe, K., see Nogami, S.
- Abe, K., see Oya, Y.
- Abe, K., see Oya, Y.
- Abe, K., see Satou, M.
- Abe, M., see Nakayama, T.
- Abe, T., see Tsuzuki, K.
- Abe, Y., see Miyaji, N.
- Abe, Y., see Okada, A.
- Abeln, T., see Venhaus, T.
- Abolhassani-Dadras, S., see De gueldre, C.
- Abraham, D.P., see Keiser Jr., D.D.
- Abraham, D.P., see Keiser Jr., D.D.
- Abrafitis, P.K., B.P. McGrail, D.P. Trivedi, F.R. Livens and D.J. Vaughan, Single-pass flow-through experiments on a simulated waste glass in alkaline media at 40 °C. I. Experiments conducted at variable solution flow rate to glass surface area ratio
- Abrafitis, P.K., B.P. McGrail, D.P. Trivedi, F.R. Livens and D.J. Vaughan, Single-pass flow-through experiments on a simu-
- 297 (2001) 303
 299 (2001) 101
 273 (1999) 79
 290–293 (2001) 1064
- 271&272 (1999) 209
- 283–287 (2000) 174
 283–287 (2000) 503
 283–287 (2000) 1311
 283–287 (2000) 263
 283–287 (2000) 811
 281 (2000) 117
 283–287 (2000) 1220
 283–287 (2000) 20
 283–287 (2000) 70
 283–287 (2000) 1144
 283–287 (2000) 268
 275 (1999) 186
 278 (2000) 48
 283–287 (2000) 367
 271&272 (1999) 491
 283–287 (2000) 681
 271&272 (1999) 173
 271&272 (1999) 189
 290–293 (2001) 505
- 289 (2001) 115
 277 (2000) 333
 279 (2000) 234
- 280 (2000) 196
- lated waste glass in alkaline media at 40 °C. II. Experiments conducted with buffer solutions containing controlled quantities of Si and Al
- Abramov, V.ya., see Kozlov, A.V.
- Abramowski, M., R.W. Grimes and S. Owens, Morphology of UO₂
- Abrefah, J.A., see Oliver, B.M.
- Abromeit, C., and G. Martin, Dynamical phase changes induced by point defect fluxes under irradiation
- Abromeit, C., E. Camus and S. Matsumura, Modelling of dissolution profiles of ordered particles under irradiation
- Abromeit, C., H. Wollenberger, S. Matsumura and C. Kinoshita, Stability of ordered phases under irradiation
- Abromeit, C., see Müller, S.
- Adachi, T., see Mitamura, T.
- Advocat, T., P. Jollivet, J.L. Crovier and M. del Nero, Long-term alteration mechanisms in water for SON68 radioactive borosilicate glass
- Advocat, T., see Techer, I.
- Aertsens, M. and D. Ghaleb, New techniques for modelling glass dissolution
- Afanasyev-Charkin, I.V., see Gritsyna, V.T.
- Afanasyev-Charkin, I.V., R.M. Dickerson, D. Wayne Cooke, B.L. Bennett, V.T. Gritsyna and K.E. Sickafus, Effects of Xe ion irradiation and subsequent annealing on the structural properties of magnesium-aluminate spinel
- Aglan, H., Y.X. Gan, B. Chin and M. Grossbeck, Fatigue failure analysis of V-4Ti-4Cr alloy
- Aglan, H.A., see Gan, Y.X.
- Aglan, H.A., see Steward, R.V.
- Aglan, H.A., Y.X. Gan, B.A. Chin and M.L. Grossbeck, Effect of
- 280 (2000) 206
 283–287 (2000) 193
 275 (1999) 12
 283–287 (2000) 1006
- 271&272 (1999) 251
- 271&272 (1999) 246
- 276 (2000) 104
 271&272 (1999) 241
 271&272 (1999) 15
- 298 (2001) 55
 282 (2000) 40
- 298 (2001) 37
- 283–287 (2000) 927
- 289 (2001) 110
- 273 (1999) 192
 299 (2001) 157
- 283–287 (2000) 1224

- composition on the fatigue failure behavior of vanadium alloys 186
- Ahamdach, N., see Kashparov, V.A.
- Ahlberg, E., see Oskarsson, M.
- Ahlberg, E., see Vainonen-Ahlberg, E.
- Ahn, J.-W. and G.F. Counsell, Experimental investigations of the SOL plasma in the MAST tokamak 216
- Aiello, G., see Fütterer, M.A.
- Aiello, G., see Ogorodnikova, O.V.
- Aillaud, C., see Porta, J.
- Aizawa, K., see Tobita, T.
- Ajikumar, P.K., see Dash, S.
- Akabori, M., A. Itoh and T. Ogawa, Formation of nitrides at the surface of U–Zr alloys 820
- Akabori, M., see Nakamura, K.
- Akabori, M., see Nakamura, K.
- Akabori, M., see Takano, M.
- Akaishi, K., see Masuzaki, S.
- Akasaka, N., see Yamashita, S.
- Akasaka, N., I. Yamagata and S. Ukai, Effect of temperature gradients on void formation in modified 316 stainless steel cladding 12
- Akasaka, N., K. Hattori, S. Onose and S. Ukai, Effect of temperature change on void swelling in P, Ti-modified 316 stainless steel 647
- Akbi, M., see Behrisch, R.
- Akiba, M., see Barabash, V.
- Akiba, M., see Linke, J.
- Akiba, M., see Sato, K.
- Akie, H., see Nakano, Y.
- Akie, H., see Okonogi, K.
- Akie, H., H. Takano and Y. Anoda, Core design study on rock-like oxide fuel light water reactor and improvements of core characteristics 169
- 271&272 (1999) 370
- 281 (2000) 42
- 283–287 (2000) 1248
- 290–293 (2001) 1102
- 283–287 (2000) 1157
- 274 (1999) 127
- 274 (1999) 167
- 274 (1999) 139
- 283–287 (2000) 968
- 290–293 (2001) 957
- 283–287 (2000) 681
- 283–287 (2000) 947
- 289 (2001) 102
- 295 (2001) 16
- 295 (2001) 27
- 278 (2000) 164
- 283–287 (2000) 672
- Alamo, A., A. Castaing, A. Fontes and P. Wident, Effects of thermal aging on the mechanical behavior of F82H weldments 1192
- Alamo, A., M. Horsten, X. Avery, E.I. Materna-Morris, M. Rieth and J.C. Brachet, Mechanical behavior of reduced-activation and conventional martensitic steels after neutron irradiation in the range 250–450 °C 353
- Alberici, S., J.P. Coad, H.-K. Hinssen, R. Moormann, P. Wienhold and C.H. Wu, Erratum to ‘Oxidation induced release of deuterium from carbon based plasma facing materials’ 273 (1999) 116
- Albert, S.K., see Sireesha, M.
- Albinsson, Y., see Ramebäck, H.
- Albiol, T., see Chauvin, N.
- Alessandri, J.-P., see Duriez, C.
- Alexander, D.J., S.J. Zinkle and A.F. Rowcliffe, Fracture toughness of copper-base alloys for fusion energy applications 429
- Alexander, D.J., see Klueh, R.L.
- Alexander, D.J., see Klueh, R.L.
- Ali (Basu), M., see Bharadwaj, S.R.
- Ali (Basu), M., R. Mishra, A.S. Kerkar, S.R. Bharadwaj and D. Das, Gibbs energy of formation of Ba(OH)₂ vapor species using the transpiration technique 277 (2000) 288
- Ali (Basu), M., R. Mishra, K.N.G. Kaimal, S.R. Bharadwaj, A.S. Kerkar, D. Das and S.R. Dharwadkar, Vaporization behavior and Gibbs energy of formation of Cs₂ThO₃ 274 (1999) 91
- Ali (Basu), M., R. Mishra, S.R. Bharadwaj, A.S. Kerkar, S.R. Dharwadkar and D. Das, Thermodynamic stability of solid SrThO₃ 277 (2000) 143
- Ali, S.M., see Karditsas, P.J.
- Alimov, V., see Ohyabu, N.
- Alimov, V.Kh. and V.N. Chernikov, Depth distribution of deuterium atoms and molecules in beryllium oxide implanted with deuterium ions 299 (2001) 165
- Alimov, V.Kh., K. Ertl and J. Roth, Deuterium retention and lattice damage in tungsten irradiated with D ions 282 (2000) 261
- Alimov, V.Kh., K. Ertl, J. Roth and K. Schmid, Retention of ion-implanted deuterium in tungsten pre-irradiated with carbon ions 283–287 (2000) 1346
- Alimov, V.Kh., see Zalavutdinov, R.Kh. 283–287 (2000) 1297
- 273 (1999) 277
- 290–293 (2001) 389
- 282 (2000) 125
- 296 (2001) 219

Aliyev, B.A., see Zaykin, Yu.A.			
Allain, J.P., see Brooks, J.N.			
Allain, J.P., D.N. Ruzic and M.R. Hendricks, D, He and Li sputtering of liquid eutectic Sn–Li	271&272 (1999) 73	tion and accumulation in vanadium	
Allain, J.P., D.N. Ruzic and M.R. Hendricks, Measurements and modeling of D, He and Li sputtering of liquid lithium	290–293 (2001) 185	Alonso, E., M.J. Caturla, T. Diaz de la Rubia, N. Soneda, J. Marian, J.M. Perlado and R.E. Stoller, Comparative study of damage accumulation in iron under magnetic and inertial fusion conditions	276 (2000) 221
Allais, L., see Bouche, G.	290–293 (2001) 33	Alonso, E., see Morishita, K.	
Allen, S.L., see Mahdavi, M.A.	290–293 (2001) 180	Altas, Y., see Tel, H.	
Allen, S.L., see Petrie, T.W.	277 (2000) 91	Altas, Y., M. Eral and H. Tel, Preparation of homogeneous $(\text{Th}_{0.8}\text{U}_{0.2})\text{O}_2$ powders by mechanical blending of $\text{Th}(\text{C}_2\text{O}_4)_2 \cdot 6\text{H}_2\text{O}$ and $\text{U}(\text{C}_2\text{O}_4)_2 \cdot 6\text{H}_2\text{O}$ powders	283–287 (2000) 768
Allen, S.L., J.A. Boedo, A.S. Bozek, N.H. Brooks, T.N. Carlstrom, T.A. Casper, R.J. Colchin, T.E. Evans, M.E. Fenstermacher, M.E. Friend, R.C. Isler, R. Jayakumar, C.J. Lasnier, A.W. Leonard, M.A. Mahdavi, R. Maingi, G.R. McKee, R.A. Moyer and M. Murakami, Experiments and computational modeling focused on divertor and SOL optimization for advanced tokamak operation on DIII-D	290–293 (2001) 905	Altas, Y. and H. Tel, Structural and thermal investigations on cerium oxalate and derived oxide powders for the preparation of $(\text{Th},\text{Ce})\text{O}_2$ pellets	283–287 (2000) 753
Allen, S.L., T.H. Osborne, R.C. O'Neill, T.W. Petrie, G.D. Porter, A.T. Ramsey, M.J. Schaffer, P.C. Stangeby, R.D. Stambaugh, M.R. Wade, J.G. Watking, W.P. West, D.G. Whyte and N.S. Wolf, Experiments and computational modeling focused on divertor and SOL optimization for advanced tokamak operation on DIII-D	290–293 (2001) 935	Alvani, C., P. Carconi and S. Casiadio, Li_4SiO_4 pebbles reduction in $\text{He}+0.1\%$ H_2 purge gas and effects on tritium release properties	275 (1999) 146
Allen, S.L., T.R., see Cole, J.I.	290–293 (2001) 995	Alvani, C., P.L. Carconi, S. Casiadio, V. Contini, A. Dibartolomeo, F. Pierdominici, A. Deptula, S. Lagos and C.A. Nannetti, Lithium titanate pebbles reprocessing by wet chemistry	294 (2001) 344
Allen, T., see Was, G.S.		Álvarez, L.J., see Pfeiffer, H.	
Allen, T.R., see Cole, J.I.		Aly, Z., see Zhang, Y.	
Allen, T.R., E.A. Kenik and G.S. Was, Variability of radiation-induced segregation in iron-chromium–nickel alloys	290–293 (2001) 995	Amajev, A.D., see Krasikov, E.A.	289 (2001) 303
Allen, T.R., J.I. Cole, C.L. Trybus and D.L. Porter, The effects of long-time irradiation and thermal aging on 304 stainless steel	300 (2002) 198	Amaya, M., see Minato, K.	280 (2000) 295
Almazouzi, A., see Bailat, C.	283–287 (2000) 329	Amaya, M., K. Une and K. Minato, Heat capacity measurements on unirradiated and irradiated fuel pellets	289 (2001) 254
Almazouzi, A., see Schäublin, R.		Amaya, M., M. Hirai, H. Sakurai, K. Ito, M. Sasaki, T. Nomata, K. Kamimura and R. Iwasaki, Thermal conductivities of irradiated UO_2 and $(\text{U},\text{Gd})\text{O}_2$ pellets	283–287 (2000) 846
Almazouzi, A., see Schäublin, R.		Amekar, B.R., see Mathews, M.D.	288 (2001) 57
Almazouzi, A., T. Díaz de la Rubia, B.N. Singh and M. Victoria, Basic aspects of differences in irradiation effects between fcc, bcc and hcp metals and alloys	278 (2000) 149	Amekura, H., see Kishimoto, N.	294 (2001) 1
Alonso, E., see Caturla, M.J.	282 (2000) 171	Ameysama, K., see Nakata, K.	
Alonso, E., see Caturla, M.-J.	283–287 (2000) 446	Amezawa, H., see Kurata, Y.	
Alonso, E., M.-J. Caturla, T. Díaz de la Rubia and J.M. Perlado, Simulation of damage produc-	276 (2000) 251	Aminaka, H., see Nakashima, Y.	
	283–287 (2000) 205	Anada, H., see Yamanaka, S.	
	276 (2000) 295	Ananin, V.M., see Chernov, I.I.	
	276 (2000) 13	Ananthasivan, K., see Anthony-samy, S.	
	276 (2000) 186	Ananthasivan, K., S. Anthony-samy, C. Sudha, A.L.E. Terrance and P.R. Vasudeva Rao, Thoria	278 (2000) 346

- doped with cations of group VB-synthesis and sintering 300 (2002) 217
- Anderl, R.A., see Petti, D.A.
- Anderl, R.A., F. Scaffidi-Argentina, D. Davydov, R.J. Pawelko and G.R. Smolik, Steam chemical reactivity of Be pebbles and Be powder 283–287 (2000) 1390
- Anderl, R.A., R.A. Causey, J.W. Davis, R.P. Doerner, G. Federici, A.A. Haasz, G.R. Longhurst, W.R. Wampler and K.L. Wilson, Hydrogen isotope retention in beryllium for tokamak plasma-facing applications 283–287 (2000) 1463
- Anderl, R.A., R.J. Pawelko and S.T. Schuetz, Deuterium retention in W, W1%La, C-coated W and W₂C 273 (1999) 1
- Anderson, H., see Menhart, S.
- Andersson, U., see Oskarsson, M.
- Andersson, U., see Oskarsson, M.
- Ando, M., see Lewinsohn, C.A.
- Ando, M., see Serizawa, H.
- Ando, M., see Serizawa, H.
- Ando, M., see Tanigawa, H.
- Ando, M., see Tanigawa, H.
- Ando, M., Y. Katoh, H. Tanigawa and A. Kohyama, Microstructural examination of Ni-ion irradiated Fe–Ni–Cr alloys followed to micro-zone deformation 290–293 (2001) 38
- Ando, M., Y. Katoh, H. Tanigawa, A. Kohyama and T. Iwai, The contribution of various defects to irradiation-induced hardening in an austenitic model alloy 290–293 (2001) 673
- Andreev, D.V., V.N. Bespalov, A.Yu. Biryukov and E.A. Krassikov, Influence of isothermal and cyclic annealing on structure and swelling of neutron-irradiated beryllium 283–287 (2000) 1258
- Andresen, P.L., see Bruemmer, S.M.
- Andreson, P.L., see Was, G.S.
- Andrew, P., see Groth, M.
- Andriambololona, Z., see Guibert, S.
- Anoda, Y., see Akie, H.
- Ansara, I., see Dupin, N.
- Ansari, M.I., see Sugiyama, S.
- Ansheng, L., see Hui, X.
- Antar, G., see Devynck, P.
- Anthony, S., G. Panneerselvam, S. Bera, S.V. Narasimhan and P.R. Vasudeva Rao, Studies on thermal expansion and XPS of urania–thoria solid solutions 290–293 (2001) 863
- Anthony, S., K. Ananthasivan, V. Chandramouli, I. Kaliappan and P.R. Vasudeva Rao, Combustion synthesis of urania–thoria solid solutions 278 (2000) 346
- Anthony, S., K. Joseph, T. Gnanasekaran and P.R. Vasudeva Rao, Studies on the kinetics of oxidation of urania–thoria solid solutions in air 280 (2000) 25
- Anthony, S., see Ananthasivan, K. 300 (2002) 217
- Antoni, V., see Puiatti, M.E.
- Antoni, V., see Spolaore, M.
- Antonov, N.V., see Khripunov, B.I.
- Antonov, N.V., see Litnovsky, A.M. 290–293 (2001) 1107
- Antony, M.P., see Vidhya, R. 295 (2001) 221
- Antony, M.P., see Vidhya, R. 295 (2001) 228
- Aoki, R., see Mitsui, S. 298 (2001) 184
- Aoki, Y., see Kawatsura, K. 271&272 (1999) 11
- Aoki, Y., see Mitamura, T. 271&272 (1999) 15
- Aoki, Y., see Mitamura, T. 271&272 (1999) 21
- Aoyagi, K., E.P. Torres, T. Suda and S. Ohnuki, Effect of hydrogen accumulation on mechanical property and microstructure of V–Cr–Ti alloys 283–287 (2000) 876
- Arai, S., see Kawatsura, K. 271&272 (1999) 11
- Arai, S., see Mitamura, T. 271&272 (1999) 15
- Arai, S., see Mitamura, T. 271&272 (1999) 21
- Arai, Y. and K. Nakajima, Preparation and characterization of PuN pellets containing ZrN and TiN 281 (2000) 244
- Arai, Y., see Iizuka, M. 297 (2001) 43
- Arai, Y., see Iizuka, M. 299 (2001) 32
- Arai, Y., see Nakajima, K. 275 (1999) 332
- Arai, Y., see Nakajima, K. 294 (2001) 250
- Arai, Y., see Sekimura, N. 271&272 (1999) 63
- Arai, Y., see Sekimura, N. 283–287 (2000) 224
- Arai, Y., see Serizawa, H. 280 (2000) 99
- Arai, Y., see Serizawa, H. 271&272 (1999) 214
- Arakawa, K., see Ono, K. 283–287 (2000) 210
- Araki, T., see Nishi, H. 283–287 (2000) 1234
- Arbusov, V.L., A.P. Druzhkov and S.E. Danilov, Effects of phosphorus on defects accumulation and annealing in electron-irradiated Fe–Ni austenitic alloys 295 (2001) 273
- Arbusov, V.L., G.A. Raspopova and V.B. Vykhotets, Radiation-induced segregation of deuterium in austenitic steels and vanadium alloys 271&272 (1999) 340
- Arbusov, V.L., G.A. Raspopova, S.E. Danilov, A.P. Druzhkov and Yu.N. Zouev, The interaction of deuterium and tritium with radiation and other defects in austenitic steel and nickel 283–287 (2000) 849

- Arbusov, V.L., see Sagaradze, V.V.
- Ardois, C., see Sattouay, G.
- Arenas, J., see Carrera, L.M.
- Arias, D., see Canay, M.
- Arias, D., see Nieva, N.
- Aricó, S.F. and L.M. Gribaudo, The Sn–Ti–Zr system: equilibrium phases at 900 °C
- Arima, T., see Inagaki, Y.
- Arima, T., see Sato, I.
- Arima, T., T. Masuzumi, H. Furuya, K. Idemitsu and Y. Inagaki, The oxidation kinetics and the structure of the oxide film on Zircaloy before and after the kinetic transition
- Arimescu, V.I., see Szpunar, B.
- Arinaga, T., see Watanabe, H.
- Arita, Y., K. Terao, S. Mitsuda, Y. Nishi, T. Matsui and T. Nagasaki, Thermoelectric properties of URu_2Si_2 and $\text{U}_2\text{Ru}_3\text{Si}_5$
- Arita, Y., S. Mitsuda, Y. Nishi, T. Matsui and T. Nagasaki, Thermoelectric properties of Rh-doped Ru_2Si_3 prepared by floating zone melting method
- Arita, Y., see Nishi, Y.
- Arkhipov, I., see Scaffidi-Argentina, F.
- Arkhipov, I.I., see Gorodetsky, A.E.
- Arkhipov, I.I., A.E. Gorodetsky, R.Kh. Zalavutdinov, A.P. Zakharov, T.A. Burtseva, I.V. Mazul, B.I. Khripunov, V.V. Shapkin and V.B. Petrov, Deuterium retention in codeposited layers and carbon materials exposed to high flux D-plasma
- Arkhipov, I.I., G. Federici, A.E. Gorodetsky, C. Ibbott, D.A. Komarov, A.N. Makankov, A.V. Markin, I.V. Mazul, R. Tivey, A.P. Zakharov and R.Kh. Zalavutdinov, Laboratory study of the transport and condensation of hydrocarbon radicals and its consequences for mitigating the tritium inventory in the ITER-FEAT divertor
- Arkhipov, N., see Safronov, V.
- Arkhipov, N., see Scaffidi-Argentina, F.
- Arkush, R., M.H. Mintz and N. Shamir, Passivation of uranium towards air corrosion by N_2^+ and C^+ ion implantation
- Armand, X., see Chappuis, Ph.
- 295 (2001) 265
288 (2001) 11
299 (2001) 242
280 (2000) 365
277 (2000) 120
- 288 (2001) 217
298 (2001) 168
273 (1999) 239
- 294 (2001) 148
294 (2001) 315
283–287 (2000) 286
- 294 (2001) 206
- 294 (2001) 202
294 (2001) 209
- 283–287 (2000) 1111
- 290–293 (2001) 271
- 271&272 (1999) 418
- 290–293 (2001) 394
290–293 (2001) 1052
- 283–287 (2000) 1111
- 281 (2000) 182
290–293 (2001) 245
- Aruga, T., see Katano, Y.
- Arul Antony, S., K.S. Nagaraja and O.M. Sreedharan, Preparation of 15 mol% $\text{YO}_{1.5}$ -doped ThO_2 disk electrolytes by a polymeric gel-combustion method
- Arutunova, G., see Tebus, V.
- Asaga, T., see Ishii, T.
- Asakura, N., S. Sakurai, H. Tamai, Y. Koide, Y. Sakamoto, O. Naito, H. Kubo, K. Itami and K. Masaki, Pumping effect on the divertor plasma and detachment in the JT-60U W-shaped divertor
- Asakura, N., see Hatayama, A.
- Asakura, N., see Higashijima, S.
- Asakura, N., see Sakasai, A.
- Asakura, N., see Sakurai, S.
- Asano, K., see Morisawa, J.
- Ascacibar, E., see de la Cal, E.
- Ascione, G., see Skinner, C.H.
- ASDEX Upgrade Team, see Bosch, H.-S.
- ASDEX Upgrade Team, see Carlson, A.
- ASDEX Upgrade Team, see Coster, D.P.
- ASDEX Upgrade Team, see Fuchs, J.C.
- ASDEX Upgrade Team, see Heger, B.
- ASDEX Upgrade Team, see Herrmann, A.
- ASDEX Upgrade Team, see Kaltenbach, A.
- ASDEX Upgrade Team, see Kim, J.-W.
- ASDEX Upgrade Team, see Lang, P.T.
- ASDEX Upgrade Team, see Neu, R.
- ASDEX Upgrade Team, see Pautasso, G.
- ASDEX Upgrade Team, see Pugno, R.
- ASDEX Upgrade Team, see Rohde, V.
- ASDEX Upgrade Team, see Tabasso, A.
- Ashida, K., see Hirooka, Y.
- Ashida, K., K. Fujino, T. Okabe, M. Matsuyama and K. Watanabe, Solid-state reaction between tungsten and hydrogen-containing carbon film at elevated temperature
- Ashikawa, N., see Peterson, B.J.
- Assmann, W., see Behrisch, R.
- Asuvathraman, R., see Jena, H.
- Atsumi, H. and M. Iseki, Hydrogen absorption process into graphite and carbon materials
- 283–287 (2000) 942
271&272 (1999) 345
294 (2001) 13
- 295 (2001) 189
- 290–293 (2001) 825
290–293 (2001) 407
290–293 (2001) 623
290–293 (2001) 957
290–293 (2001) 1002
294 (2001) 241
290–293 (2001) 579
290–293 (2001) 486
- 290–293 (2001) 836
- 290–293 (2001) 575
- 290–293 (2001) 845
- 290–293 (2001) 525
- 290–293 (2001) 413
- 290–293 (2001) 619
- 290–293 (2001) 639
- 290–293 (2001) 644
- 290–293 (2001) 374
- 290–293 (2001) 206
- 290–293 (2001) 1045
- 290–293 (2001) 308
- 290–293 (2001) 317
- 290–293 (2001) 326
274 (1999) 320
- 290–293 (2001) 42
290–293 (2001) 930
281 (2000) 42
280 (2000) 312
- 283–287 (2000) 1053

- Auger, P., P. Pareige, S. Welzel and J.-C. Van Duyse, Synthesis of atom probe experiments on irradiation-induced solute segregation in French ferritic pressure vessel steels 280 (2000) 331
 Aumayr, F., see Bürbäumer, H. 290–293 (2001) 571
 Aumayr, F., see Menhart, S. 290–293 (2001) 673
 Averback, R.S., see Nordlund, K. 276 (2000) 194
 Averin, S.A., see Ivanov, A.D. 271&272 (1999) 139
 Averin, S.A., see Kozlov, A.V. 283–287 (2000) 193
 Averty, X., see Alamo, A. 283–287 (2000) 353
 Ayala, A., see Hollis, K.J. 283–287 (2000) 1085
 Ayaz, B. and A. Nezih Bilge, The possible usage of ex-ADU uranium dioxide fuel pellets with low-temperature sintering 280 (2000) 45
 Azéroual, A., see Corre, Y. 290–293 (2001) 250
 Azéroual, A., see Escarguel, A. 290–293 (2001) 854
 Azéroual, A., see Loarer, T. 290–293 (2001) 900
 Azéroual, A., see Ghendrih, Ph. 290–293 (2001) 798
 Baba, A., see Kawagoe, T. 297 (2001) 27
 Baba, R., see Nakashima, Y. 290–293 (2001) 683
 Babu, R., see Prabhakara Reddy, B. 294 (2001) 112
 Bacon, D.H., see McGrail, B.P. 298 (2001) 95
 Bacon, D.J., F. Gao and Yu.N. Osetsky, The primary damage state in fcc, bcc and hcp metals as seen in molecular dynamics simulations 276 (2000) 1
 Bacon, D.J., see Barashev, A.V. 276 (2000) 243
 Bacon, D.J., see Faulkner, R.G. 271&272 (1999) 1
 Bacon, D.J., see Gao, F. 276 (2000) 213
 Bacon, D.J., see Gao, F. 294 (2001) 288
 Bacon, D.J., see Ossetsky, Yu.N. 276 (2000) 65
 Bacon, D.J., see Ossetsky, Yu.N. 283–287 (2000) 784
 Bacroix, B., see Castelnau, O. 297 (2001) 14
 Bacroix, B., see Sanchez, P. 298 (2001) 329
 Badawi, A., A.R. Raffray and M.A. Abdou, Modeling and analysis of time-dependent tritium transport in lithium oxide 273 (1999) 79
 Baek, J.H., see Jeong, Y.H. 275 (1999) 221
 Baek, J.H., Y.H. Jeong and I.S. Kim, Effects of the accumulated annealing parameter on the corrosion characteristics of a Zr–0.5Nb–1.0Sn–0.5Fe–0.25Cr alloy 280 (2000) 235
 Baelmans, M., D. Reiter, B. Küppers and P. Börner, Plasma edge fluid models for recycling at near tangential surfaces 290–293 (2001) 537
 Bagatin, M., see Spolaore, M. 290–293 (2001) 729
 Baglan, N., see Hubert, S. 297 (2001) 206
 Baïchi, M., C. Chatillon, C. Guéneau and S. Chatain, Mass spectrometric study of UO₂–ZrO₂ pseudo-binary system 294 (2001) 84
 Bailat, C., A. Almazouzi, N. Baluc, R. Schäublin, F. Gröschel and M. Victoria, The effects of irradiation and testing temperature on tensile behaviour of stainless steels 283–287 (2000) 446
 Bailat, C., F. Gröschel and M. Victoria, Deformation modes of proton and neutron irradiated stainless steels 276 (2000) 283
 Bailat, C., see Baluc, N. 283–287 (2000) 731
 Bailat, C., see Luppo, M.I. 283–287 (2000) 483
 Bailat, C., see Victoria, M. 276 (2000) 114
 Bailey, J.L., see Snead, L.L. 283–287 (2000) 551
 Baker, C.C., Advances in fusion technology 283–287 (2000) 1
 Baker, D.R., see Wade, M.R. 290–293 (2001) 773
 Bakhtin, V., see Safronov, V. 290–293 (2001) 1052
 Bakhtin, V., see Scaffidi-Argentina, F. 283–287 (2000) 1111
 Bakker, K., see Conrad, R. 283–287 (2000) 1351
 Bakker, K., see Konings, R.J.M. 274 (1999) 84
 Bakker, K., see Neeft, E.A.C. 274 (1999) 78
 Balakrishna, P., B. Narasimha Murty, K.P. Chakraborty, R.N. Jayaraj and C. Ganguly, Coarsening-densification transition temperature in sintering of uranium dioxide 297 (2001) 35
 Balbaud-Célérier, F. and F. Barbier, Investigation of models to predict the corrosion of steels in flowing liquid lead alloys 289 (2001) 227
 Balbín, R., see García-Cortés, I. 290–293 (2001) 604
 Balden, M. and J. Roth, Comparison of the chemical erosion of Si, C and SiC under deuterium ion bombardment 279 (2000) 351
 Balden, M. and J. Roth, New weight-loss measurements of the chemical erosion yields of carbon materials under hydrogen ion bombardment 280 (2000) 39
 Balden, M. and M. Mayer, Deuterium in re-deposited silicon-doped carbon layers and its removal by heating in air 298 (2001) 225
 Balden, M. and M. Mayer, Removal of deuterium from co-deposited carbon–silicon layers 283–287 (2000) 1057
 Balden, M., C. García-Rosales, R. Behrisch, J. Roth, P. Paz and J. Etcheberria, Chemical erosion of carbon doped with different fine-grain carbides 290–293 (2001) 52
 Balden, M., S. Picarle and J. Roth, Mechanism of the chemical erosion of SiC under hydrogen irradiation 290–293 (2001) 47
 Balden, M., see García-Rosales, C. 290–293 (2001) 173
 Baldi, S., see Porta, J. 274 (1999) 174
 Baldinozzi, G., see Simeone, D. 277 (2000) 1
 Baldinozzi, G., see Simeone, D. 281 (2000) 171

- Baldo, P.M., see Giacobbe, M.J.
- Baldo, P.M., see Iwase, A.
- Baldwin, K.C., see Regan, T.M.
- Baldwin, M.J., see Doerner, R.P.
- Baldzuhn, J., see Grigull, P.
- Balogh, J., see Nagy, G.
- Balooch, M., see Dinh, L.N.
- Balooch, M., see Dinh, L.N.
- Baluc, N., see Bailat, C.
- Baluc, N., see Victoria, M.
- Baluc, N., R. Schäublin, C. Bailat, F. Paschoud and M. Victoria, The mechanical properties and microstructure of the OPTI-MAX series of low activation ferritic-martensitic steels
- Banba, T., see Inagaki, Y.
- Banba, T., see Maeda, T.
- Bandyopadhyay, S.K., see Mukherjee, P.
- Bandyopadhyay, S.K., see Mukherjee, P.
- Banerjee, S., see Batra, I.S.
- Banerjee, S., see Mukherjee, P.
- Bang, J.-g., see Kim, Y.-s.
- Bang, J.-g., see Lee, C.B.
- Bao, Y., see Gao, X.
- Barabash, V., G. Federici, M. Rödig, L.L. Snead and C.H. Wu, Neutron irradiation effects on plasma facing materials
- Barabash, V., M. Akiba, A. Cardella, I. Mazul, B.C. Odegard Jr., L. Plöechl, R. Tivey and G. Vieider, Armor and heat sink materials joining technologies development for ITER plasma facing components
- Barabash, V., see Ioki, K.
- Barabash, V., see Kalinin, G.
- Barabash, V., see Makhankov, A.
- Barabash, V., see Tanaka, S.
- Barabash, V.R., see Sernyaev, G.A.
- Barashev, A.V., D.J. Bacon and S.I. Golubov, Monte Carlo modeling of damage accumulation in metals under cascade irradiation
- Barashev, A.V., see Golubov, S.I.
- Barat, P., see Mukherjee, P.
- Barat, P., see Mukherjee, P.
- Barbérés, P., G. Corolleur-Thomas, R. Guinebretière, T. Merle-Méjean, A. Mirgorodsky and P. Quintard, Raman spectra of tetragonal zirconia: powder to zircaloy oxide frequency shift
- Barberis, P. and A. Frichet, Characterization of Zircaloy-4 oxide layers by impedance spectroscopy
- Barberis, P., see Pétigny, N.
- 281 (2000) 213
271&272 (1999) 321
300 (2002) 47
290–293 (2001) 166
290–293 (2001) 1009
297 (2001) 62
295 (2001) 193
300 (2002) 89
283–287 (2000) 446
276 (2000) 114
283–287 (2000) 731
298 (2001) 168
298 (2001) 163
273 (1999) 338
297 (2001) 341
299 (2001) 91
297 (2001) 341
279 (2000) 335
282 (2000) 196
279 (2000) 330
283–287 (2000) 138
283–287 (2000) 1248
283–287 (2000) 957
283–287 (2000) 10
290–293 (2001) 1117
271&272 (1999) 478
271&272 (1999) 123
276 (2000) 243
277 (2000) 113
273 (1999) 338
297 (2001) 341
288 (2001) 241
273 (1999) 182
280 (2000) 318
- Barbier, F. and A. Rusanov, Corrosion behavior of steels in flowing lead–bismuth
- Barbier, F., Magnetic field effect on deposition of corrosion products in liquid Pb–17Li
- Barbier, F., G. Benamati, C. Fazio and A. Rusanov, Compatibility tests of steels in flowing liquid lead–bismuth
- Barbier, F., see Balbaud-Célérier, F.
- Barbier, F., see Brass, A.M.
- Barbier, F., see Fütterer, M.A.
- Barboux, P., see Devreux, F.
- Bardamid, A.F., see Voitsevya, V.S.
- Barinov, A.S., see Ojovan, M.I.
- Barnett, M.H., M.S. Wechsler, D.J. Dudziak, L.K. Mansur and B.D. Murphy, Radiation damage to the 316 stainless steel target container vessel at SNS
- Baron, D., see Laux, D.
- Baron, D., see Roque, V.
- Baron, D., see Roque, V.
- Barré, N., see Bois, L.
- Barré, N., see Bois, L.
- Barré, N., see Guilbert, S.
- Barrero, J., see Serrano, J.A.
- Barry, R.E., see Kugel, H.W.
- Barry, R.E., see Kugel, H.W.
- Barsuk, V., see Scaffidi-Argentina, F.
- Barthe, M.-F., see Sattonnay, G.
- Barthelet, K., see Hubert, S.
- Bartromo, R., see Puiatti, M.E.
- Bartromo, R., see Valisa, M.
- Barton, L.L., see Xu, H.
- Basiuk, V., see Nguyen, F.
- Basiuk, V., see Reichle, R.
- Basiuk, V., see Vallet, J.C.
- Bastasz, R. and W. Eckstein, Plasma-surface interactions on liquids
- Basurto, R., see Carrera, L.M.
- Batra, I.S., G.K. Dey, U.D. Kulkarni and S. Banerjee, Microstructure and properties of a Cu–Cr–Zr alloy
- Battistig, G., see Nagy, G.
- Baudoin, P., see Fourest, B.
- Bauer, G.S., M. Salvatores and G. Heusener, MEGAPIE, a 1 MW pilot experiment for a liquid metal spallation target
- Bauer, G.S., see Chen, J.
- Bauer, G.S., see Dai, Y.
- Bauer, G.S., see Zalavutdinov, R.Kh.
- 296 (2001) 231
283–287 (2000) 1267
295 (2001) 149
289 (2001) 227
273 (1999) 265
283–287 (2000) 1375
298 (2001) 145
290–293 (2001) 336
298 (2001) 174
296 (2001) 54
300 (2002) 192
275 (1999) 305
277 (2000) 211
277 (2000) 57
300 (2002) 141
282 (2000) 75
294 (2001) 339
290–293 (2001) 1185
300 (2002) 278
283–287 (2000) 1111
288 (2001) 11
297 (2001) 206
290–293 (2001) 696
290–293 (2001) 980
273 (1999) 343
278 (2000) 117
290–293 (2001) 701
290–293 (2001) 1023
290–293 (2001) 19
299 (2001) 242
299 (2001) 91
297 (2001) 62
282 (2000) 180
296 (2001) 17
275 (1999) 115
276 (2000) 289
283–287 (2000) 513
296 (2001) 43
296 (2001) 174
296 (2001) 219

- Bauer, G.S., Y. Dai, S. Maloy, L.K. Mansur and H. Ullmaier, Summary of the Fourth International Workshop on Spallation Materials Technology (IWSMT-4) 296 (2001) 321
- Bauer, M., see Munoz-Viallard, I. 274 (1999) 34
- Baxi, C., see Mahdavi, M.A. 290–293 (2001) 905
- Baylor, L.R., see Wade, M.R. 290–293 (2001) 773
- Baylor, L.R., T.C. Jernigan, R.J. Colchin, J.R. Ferron and M.R. Wade, Characteristics of ELM activity and fueling efficiency of pellet injection from different locations on DIII-D 290–293 (2001) 398
- Bazylev, B., see Würz, H. 290–293 (2001) 1138
- Beaumont, B., see Nguyen, F. 278 (2000) 117
- Beauvy, M., see Simeone, D. 300 (2002) 151
- Béchade, J.L., see Bouche, G. 277 (2000) 91
- Béchade, J.L., see Simeone, D. 281 (2000) 171
- Béchade, J.L., see Simeone, D. 300 (2002) 27
- Becker, K., see Mair, C. 290–293 (2001) 291
- Bécoulet, A., see Nguyen, F. 278 (2000) 117
- Bécoulet, M., see Ghendrih, Ph. 290–293 (2001) 798
- Bécoulet, M., see Grisolia, C. 290–293 (2001) 402
- Bécoulet, M., see Hogan, J. 290–293 (2001) 628
- Bécoulet, M., see Laugier, F. 290–293 (2001) 892
- Bécoulet, M., see Zabiégo, M. 290–293 (2001) 985
- Becquart, C.S., C. Domain, A. Legris and J.C. Van Duysen, Influence of the interatomic potentials on molecular dynamics simulations of displacement cascades 280 (2000) 73
- Becquart, C.S., C. Domain, J.C. van Duysen and J.M. Raulot, The role of Cu in displacement cascades examined by molecular dynamics 294 (2001) 274
- Becquart, C.S., see Souidi, A. 295 (2001) 179
- Beetham, S.A., see Usami, T. 300 (2002) 15
- Begg, B.D., N.J. Hess, D.E. McCready, S. Thevuthasan and W.J. Weber, Heavy-ion irradiation effects in $Gd_2(Ti_{2-x}Zr_x)O_7$ pyrochlores 289 (2001) 188
- Begg, B.D., N.J. Hess, W.J. Weber, R. Devanathan, J.P. Icenhower, S. Thevuthasan and B.P. McGrail, Heavy-ion irradiation effects on structures and acid dissolution of pyrochlores 288 (2001) 208
- Begg, B.D., N.J. Hess, W.J. Weber, S.D. Conradson, M.J. Schweiger and R.C. Ewing, XAS and XRD study of annealed ^{238}Pu - and ^{239}Pu -substituted zircons ($Zr_{0.92-0.98}\text{SiO}_4$) 278 (2000) 212
- Begg, B.D., see Williford, R.E. 278 (2000) 207
- Beghini, M., G. Benamati, L. Bertini, I. Ricapito and R. Valentini, Effect of hydrogen on the ductility reduction of F82H martensitic steel after different heat treatments 288 (2001) 1
- Behringer, K., see Heger, B. 290–293 (2001) 413
- Behrisch, R., M. Mayer, W. Jacob, W. Assmann, G. Dollinger, A. Bergmaier, U. Kreissig, M. Friedrich, G.Y. Sun, D. Hildebrandt, M. Akbi, W. Schneider, D. Schleußner, W. Knapp and C. Edelmann, Quantitative analysis of deuterium in a-C:D layers, a Round Robin experiment 281 (2000) 42
- Behrisch, R., see Balden, M. 290–293 (2001) 52
- Behrisch, R., see Grigull, S. 275 (1999) 158
- Behrisch, R., see Stan-Sion, C. 290–293 (2001) 491
- Bekris, N., see Coad, J.P. 290–293 (2001) 224
- Bekris, N., see Penzhorn, R.-D. 279 (2000) 139
- Bekris, N., see Penzhorn, R.-D. 288 (2001) 170
- Belan, V.G., see Evtikhin, V.A. 271&272 (1999) 396
- Belianov, I., see Marmy, P. 283–287 (2000) 602
- Bell, M., see Hirooka, Y. 274 (1999) 320
- Bell, M., see Kugel, H.W. 290–293 (2001) 1185
- Beloglazov, S., see Kawagoe, T. 300 (2002) 278
- Belyaeva, L., A. Orychtchenko, C. Petersen and V. Rybin, Post-irradiation thermocyclic loading of ferritic-martensitic structural materials 297 (2001) 27
- Belyaeva, L.A., A.A. Zisman, C. Petersen, V.A. Potapova and V.V. Rybin, Thermal fatigue crack nucleation in ferritic-martensitic steels before and after neutron irradiation 271&272 (1999) 151
- Belyakov, V., see Yamamoto, S. 283–287 (2000) 461
- Belyakov, V.A., S.A. Fabritsiev, I.V. Mazul and A.F. Rowcliffe, Status of international collaborative efforts on selected ITER materials 283–287 (2000) 60
- Benamati, G., C. Chabrol, A. Perjujo, E. Rigal and H. Glasbrenner, Development of tritium permeation barriers on Al base in Europe 283–287 (2000) 962
- Benamati, G., E. Serra and C.H. Wu, Hydrogen and deuterium transport and inventory parameters through W and W-alloys for fusion reactor applications 271&272 (1999) 391
- Benamati, G., P. Buttoli, V. Imbeni, C. Martini and G. Palombarini, Behaviour of materials for accelerator driven systems in stagnant molten lead 283–287 (2000) 1033
- Benamati, G., see Barbier, F. 279 (2000) 308
- Benamati, G., see Beghini, M. 295 (2001) 149
- Benamati, G., see Beghini, M. 288 (2001) 1
- Benamati, G., see Fazio, C. 273 (1999) 233
- Benamati, G., see Fazio, C. 296 (2001) 243

- Benamati, G., see Ogorodnikova, O.V.
- Benk, H., see Lassmann, K.
- Bennett, B.L., see Afanasyev-Charkin, I.V.
- Bera, S., see Anthonysamy, S.
- Bera, S., see Dash, S.
- Béranger, G., see Garcia, E.A.
- Bergeaud, V., see Reichle, R.
- Bergenlid, U., see Lind, A.
- Bergmaier, A., see Behrisch, R.
- Bermúdez, S., see Domizzi, G.
- Berndt, U., see Penzhorn, R.-D.
- Berthoumieux, E., see Simeone, D.
- Bertini, L., see Beghini, M.
- Bertsch, J., S. Meyer and A. Möslang, Fatigue behavior and development of microcracks in F82H after helium implantation at 200 °C
- Bertschinger, G., see Wada, M.
- Bespalov, V.N., see Andreev, D.V.
- Bet, M., see Chappuis, Ph.
- Bettella, D., see Valisa, M.
- Bettella, D., see Zanca, P.
- Beurskens, M.N.A., see Summers, D.D.R.
- Beyer, P., see Devynck, P.
- Bhanu Sankara Rao, K., see Choudhary, B.K.
- Bhanu Sankara Rao, K., see Sasi-kala, G.
- Bhanu Sankara Rao, K., see Shankar, V.
- Bhanumurthy, K., R.V. Patil, D. Srivatsava, P.S. Gawde and G.B. Kale, Diffusion reaction between Zr-2.5 wt% Nb alloy and martensitic grade 403 stainless steel
- Bharadwaj, S.R., R. Mishra, M. Ali(Basu), D. Das, A.S. Kerkar and S.R. Dharwadkar, Gibbs energy of formation of barium thorate (BaThO_3) by reactive carrier gas technique
- Bharadwaj, S.R., see Ali (Basu), M.
- Bharadwaj, S.R., see Ali (Basu), M.
- Bharadwaj, S.R., see Ali (Basu), M.
- Bharadwaj, S.R., see Das, D.
- Bhattacharyya, S.K. and S.K. Pabi, Effects of thermal cycles on ^{222}Rn permeability in Au
- Bibilashvili, Yu.K., A.V. Medvedev, B.I. Nesterov, V.V. Novikov, V.N. Golovanov, S.G. Eremin and A.D. Yurtchenko, Influence of irradiation on K_{ISCC} of Zr-1%Nb claddings
- Biel, W., see Philippss, V.
- Biel, W., see Pospieszczyk, A.
- 273 (1999) 66
280 (2000) 127
289 (2001) 110
281 (2000) 15
278 (2000) 173
273 (1999) 221
290–293 (2001) 701
283–287 (2000) 451
281 (2000) 42
275 (1999) 255
288 (2001) 170
297 (2001) 244
288 (2001) 1
283–287 (2000) 832
290–293 (2001) 768
274 (1999) 329
283–287 (2000) 1081
290–293 (2001) 980
290–293 (2001) 990
290–293 (2001) 496
290–293 (2001) 584
273 (1999) 315
273 (1999) 257
288 (2001) 222
297 (2001) 220
275 (1999) 201
282 (2000) 261
289 (2001) 243
299 (2001) 165
281 (2000) 203
275 (1999) 206
280 (2000) 106
290–293 (2001) 1190
290–293 (2001) 947
Biel, W., see Rapp, J.
Biel, W., see Wada, M.
Bigot, B., see Petit, T.
Billone, M., see Smith, D.L.
Billone, M.C., see Bray, T.S.
Billone, M.C., see Tsai, H.
Birtcher, R.C., see Erwin, K.T.
Biryukov, A.Yu., see Andreev, D.V.
Biscondi, M., see Marié, N.
Black, D.R., see Regan, T.M.
Blackford, M.G., see Lumpkin, G.R.
Blackford, M.G., see Smith, K.L.
Blanchard, W., see Kugel, H.W.
Blanchard, W., see Kugel, H.W.
Blau, M.S., see Lashley, J.C.
Blázquez, F., see Lapeña, J.
Bleuel, J., see García-Cortés, I.
Blodgett, D.W., see Regan, T.M.
Blokhin, A.I., see Ioltukhovskiy, A.G.
Blokhin, A.I., see Solonin, M.I.
Bloom, E.E., see Ehrlich, K.
Bloom, E.E., see Klueh, R.L.
Bloom, E.E., see Kohyama, A.
Böhmer, J., see Grosse, M.
Börner, P., see Baelmans, M.
Boatner, L.A., see Meldrum, A.
Boedo, J.A., see Allen, S.L.
Boedo, J.A., see Mahdavi, M.A.
Boedo, J.A., see Pitts, R.A.
Boedo, J.A., see Schaffer, M.J.
Boedo, J.A., see Watkins, J.G.
Böhm, A., see Hilscher, D.
Bohmeyer, W., see Koch, B.
Böhmer, J., H.-W. Viehrig and A. Ulbricht, Irradiation effects on toughness behaviour and microstructure of VVER-type pressure vessel steels
- Bois, L., M.J. Guittet, F. Carrot, P. Trocellier and M. Gautier-Soyer, Preliminary results on the leaching process of phosphate ceramics, potential hosts for actinide immobilization
- Bois, L., N. Barré, M.J. Guittet, S. Guilloté, P. Trocellier, M. Gautier-Soyer, P. Verdier and Y. Laurent, Aqueous corrosion of lanthanum aluminosilicate glasses: influence of inorganic anions
- Bois, L., N. Barré, S. Guilloté, M.J. Guittet, M. Gautier-Soyer, J.P. Duraud, P. Trocellier, P. Verdier and Y. Laurent, Dissolution of lanthanide alumino-silicate oxy-nitride glasses
- Boivin, R.L., J. Goetz, A. Hubbard, J.W. Hughes, J. Irby, B. LaBom-
- 290–293 (2001) 1148
290–293 (2001) 768
275 (1999) 119
283–287 (2000) 716
283–287 (2000) 633
283–287 (2000) 362
294 (2001) 299
274 (1999) 329
296 (2001) 282
300 (2002) 47
289 (2001) 177
277 (2000) 159
290–293 (2001) 1185
300 (2002) 278
274 (1999) 315
283–287 (2000) 1341
290–293 (2001) 604
300 (2002) 47
283–287 (2000) 652
283–287 (2000) 1468
283–287 (2000) 79
280 (2000) 353
271&272 (1999) 538
277 (2000) 280
290–293 (2001) 537
300 (2002) 242
290–293 (2001) 995
290–293 (2001) 905
290–293 (2001) 940
290–293 (2001) 530
290–293 (2001) 778
296 (2001) 83
290–293 (2001) 653
297 (2001) 251
297 (2001) 129
300 (2002) 141
277 (2000) 57

- bard, E. Marmar, D. Mossessian and J.L. Terry, High resolution measurements of neutral density and ionization rate in the main chamber of the Alcator C-Mod tokamak
- Boivineau, M., What's new on plutonium up to 4000 K?
- Bolshukhin, D., see Neu, R.
- Bolshukhin, D., see Pugno, R.
- Bolt, H., see Chappuis, Ph.
- Bolt, H., see Linke, J.
- Bolt, H., see You, J.H.
- Bolt, H., see You, J.H.
- Bolzonella, T., see Spizzo, G.
- Bolzonella, T., see Yagi, Y.
- Bonal, J.P. and C.H. Wu, Neutron irradiation effects on carbon based materials at 350 °C and 800 °C
- Bonal, J.P., see Simeone, D.
- Bond, G.M., see Sencer, B.H.
- Bond, G.M., see Sencer, B.H.
- Bond, G.M., see Sencer, B.H.
- Bondarenko, V.N., see Voitsenya, V.S.
- Bonin, B., M. Colin and A. Dutfoy, Pressure building during the early stages of gas production in a radioactive waste repository
- Bonino, O., O. Dugne, C. Merlet, E. Gat, Ph. Holliger and M. Lahaye, Study of surface modification of uranium and UFe₂ by various surface analysis techniques
- Bonnell, D.W., see Hastie, J.W.
- Bonnerot, J.-M., see Munoz-Viallard, I.
- Bonnin, X., R. Schneider, D. Coster, V. Rozhansky and S. Voskoboinikov, Electric fields and currents in an island divertor configuration
- Bonnin, X., see Borchardt, M.
- Borchardt, M., J. Riemann, R. Schneider and X. Bonnin, W7-X edge modelling with the 3D SOL fluid code BoRiS
- Borodin, O.V., see Voyevodin, V.N.
- Borodin, V.A., and A.I. Ryazanov, The effect of the solute atomic size on the swelling of vanadium alloys
- Borrass, K., Study of the relation between density and temperature fall-off lengths in a detached divertor plasma
- Boscary, J., see Cazzola, C.
- Bosch, H.-S., see Coster, D.P.
- 290–293 (2001) 542
297 (2001) 97
290–293 (2001) 206
290–293 (2001) 308
290–293 (2001) 245
283–287 (2000) 1152
299 (2001) 1
299 (2001) 9
290–293 (2001) 1018
290–293 (2001) 1144
277 (2000) 351
297 (2001) 244
283–287 (2000) 324
296 (2001) 112
296 (2001) 145
290–293 (2001) 336
281 (2000) 1
294 (2001) 305
294 (2001) 175
274 (1999) 34
290–293 (2001) 829
290–293 (2001) 546
290–293 (2001) 546
271&272 (1999) 290
271&272 (1999) 270
290–293 (2001) 551
283–287 (2000) 1073
290–293 (2001) 845
- Bosch, H.S., see Reiser, D.
- Bosch, H.-S., W. Ullrich, D. Coster, O. Gruber, G. Haas, J. Neuhauser, R. Schneider, R. Wolf and ASDEX Upgrade Team, Helium transport and exhaust with an ITER-like divertor in ASDEX Upgrade
- Bosch, P., see Bulbulian, S.
- Bosch, P., see Carrera, L.M.
- Boshoven, J.G., see Konings, R.J.M.
- Boshoven, J.G., see Neeft, E.A.C.
- Boswell, C.J., J.L. Terry, B. LaBombard, B. Lipschultz and J.A. Goetz, Observations of cold, high density plasma in the private flux region of the Alcator C-Mod divertor
- Boswell, C.J., see Pitcher, C.S.
- Boswell, C.J., see Stotler, D.P.
- Bottomley, P.D.W., A.D. Stalios, J.-P. Glatz, B. Sätmärik and C.T. Walker, Examination of melted fuel rods and released core material from the first Phebus-FP reactor accident experiment
- Bottomley, P.D.W., see Miserque, F.
- Bouche, G., J.L. Béchade, M.H. Mathon, L. Allais, A.F. Gourgues and L. Nazé, Texture of welded joints of 316L stainless steel, multi-scale orientation analysis of a weld metal deposit
- Boucher, C., L.-G. Thibault, J.P. Gunn, J.-Y. Pascal and P. Devynck, Flow measurements in the edge plasma of Tore Supra
- Boucher, C., see Devynck, P.
- Boucher, C., see Gunn, J.P.
- Bouffard, S., see Gibert-Mougel, C.
- Boulanger, L., see Robertson, C.
- Bourcier, W.L., see Zhang, Y.
- Bourgeois, L., Ph. Dehaudt, C. Lemaignan and A. Hammou, Factors governing microstructure development of Cr₂O₃-doped UO₂ during sintering
- Bourgeois, L., Ph. Dehaudt, C. Lemaignan and J.P. Fredric, Pore migration in UO₂ and grain growth kinetics
- Bourgeois, L., see Dehaudt, Ph.
- Bourgoign, J., F. Couvreur, D. Gosset, F. Defoort, M. Monchanin and X. Thibault, The behaviour of control rod absorber under irradiation
- Bourgoign, J., see Roque, V.
- Bourham, M.A., see Sharpe, J.P.
- 290–293 (2001) 953
290–293 (2001) 836
295 (2001) 64
299 (2001) 242
274 (1999) 84
274 (1999) 78
290–293 (2001) 556
290–293 (2001) 812
290–293 (2001) 967
278 (2000) 136
298 (2001) 280
277 (2000) 91
290–293 (2001) 561
290–293 (2001) 584
290–293 (2001) 877
295 (2001) 121
271&272 (1999) 102
289 (2001) 254
297 (2001) 313
295 (2001) 73
299 (2001) 250
275 (1999) 296
275 (1999) 305
290–293 (2001) 1128

- Bouvet, S., see Serrano, K.
- Bouvier, P., J. Godlewski and G. Lucaleau, A Raman study of the nanocrystallite size effect on the pressure – temperature phase diagram of zirconia grown by zirconium-based alloys oxidation
- Bowers Jr., W.J., see Maslar, J.E.
- Bozek, A.S., see Allen, S.L.
- Bozek, A.S., see Mahdavi, M.A.
- Brachet, J.C., see Alamo, A.
- Brachet, J.C., see Dupin, N.
- Bradford, M.R., see Busker, G.
- Brakel, R., D. Hartmann, P. Grigull and W7-AS Team, ICRF wall conditioning experiments in the W7-AS stellarator
- Brañas, B., see de la Cal, E.
- Brañas, B., see Tabarés, F.L.
- Brandel, V., see Pichot, E.
- Brandel, V., see Thomas, A.C.
- Brandel, V., see Thomas, A.C.
- Brass, A.M. and F. Barbier, Characterization of hydrogen permeation through recycled cast iron for subsurface disposal
- Bray, T.S., H. Tsai, L.J. Nowicki, M.C. Billone, D.L. Smith, W.R. Johnson and P.W. Trester, Tensile and impact properties of V–4Cr–4Ti alloy heats 832665 and 832864
- Bray, T.S., see Tsai, H.
- Brix, M., see Lehnen, M.
- Brix, M., see Sergienko, G.
- Brooks, J.N., see Federici, G.
- Brooks, J.N., see Naujoks, D.
- Brooks, J.N., T.D. Rognlien, D.N. Ruzic and J.P. Allain, Erosion/ redeposition analysis of lithium-based liquid surface divertors
- Brooks, N.H., see Allen, S.L.
- Brooks, N.H., see Mahdavi, M.A.
- Brooks, N.H., see West, W.P.
- Brooks, N.H., see Whyte, D.G.
- Broome, T., see Chen, J.
- Brossard, F., N. Chevarier, N. Moncoffre, Ph. Sainsot, D. Crusset and H. Jaffrezic, Thermal iodine release of surface-implanted iodine in zirconia and its affect on hull disposal
- Bruce, C.A., see Kowbel, W.
- Bruemmer, S.M., E.P. Simonen, P.M. Scott, P.L. Andresen, G.S. Was and J.L. Nelson, Radiation-induced material changes and susceptibility to intergranular failure of light-water-reactor core internals
- Bruemmer, S.M., see Was, G.S.
- 282 (2000) 137
300 (2002) 118
298 (2001) 239
290–293 (2001) 995
290–293 (2001) 905
283–287 (2000) 353
275 (1999) 287
279 (2000) 46
290–293 (2001) 1160
290–293 (2001) 579
290–293 (2001) 748
289 (2001) 219
281 (2000) 91
295 (2001) 249
273 (1999) 265
283–287 (2000) 633
283–287 (2000) 362
290–293 (2001) 663
290–293 (2001) 720
290–293 (2001) 260
290–293 (2001) 1123
290–293 (2001) 185
290–293 (2001) 995
290–293 (2001) 905
290–293 (2001) 783
290–293 (2001) 356
298 (2001) 248
279 (2000) 153
283–287 (2000) 570
274 (1999) 299
300 (2002) 198
- Bryk, V.V., see Voyevodin, V.N.
- Bürbaumer, H., R. Neu, R. Schneider, D. Coster, J. Stober, F. Aumayr and H.P. Winter, Extension of the B2 code towards the plasma core for a self-consistent simulation of ASDEX upgrade scenarios
- Bucalossi, J., J.P. Gunn, A. Géraud, Ph. Ghendrih, C. Grisolía, A. Grosman, G. Martin, D. Moulin, J.-Y. Pascal and F. Saint-Laurent, Feedback control on edge plasma parameters with ergodic divertor in Tore Supra
- Bucalossi, J., see Ghendrih, Ph.
- Buchenauer, D., see Wood, R.D.
- Buchenauer, D.A., B.E. Mills, R. Wood, S. Woodruff, D.N. Hill, E.B. Hooper, D.F. Cowgill, M.W. Clift and N.Y. Yang, Characterization and conditioning of SSPX plasma facing surfaces
- Buck, R.F., see Klueh, R.L.
- Budykin, N.I., see Ioltukhovskiy, A.G.
- Budykin, N.I., see Porollo, S.I.
- Bukhovets, V.L., see Gorodetsky, A.E.
- Bulanova, T.M., see Shamardin, V.K.
- Bulatov, V., see Wirth, B.D.
- Bülbül, M., see Tel, H.
- Bulbulian, S. and P. Bosch, Vitrification of gamma irradiated $^{60}\text{Co}^{2+}$ zeolites
- Bulbulian, S., see Carrera, L.M.
- Burghartz, M., G. Ledergerber, H. Hein, R.R. van der Laan and R.J.M. Konings, Some aspects of the use of ZrN as an inert matrix for actinide fuels
- Burghartz, M., see Lee, Y.-W.
- Burghartz, M., see Pouchon, M.A.
- Burhenn, R., see McCormick, K.
- Burns, P., see Fayek, M.
- Burns, P.C., R.A. Olson, R.J. Finch, J.M. Hanchar and Y. Thibault, $\text{KNa}_3(\text{UO}_2)_2(\text{Si}_4\text{O}_{10})_2 \cdot (\text{H}_2\text{O})_4$, a new compound formed during vapor hydration of an actinide-bearing borosilicate waste glass
- Burns, P.C., see Chen, F.
- Burns, P.C., see Chen, F.
- Burns, P.C., see Li, Y.
- Burtseva, T., A. Hassanein, I. Ovchinnikov and V. Titov, Study of brittle destruction and erosion mechanisms of carbon-based
- 271&272 (1999) 290
290–293 (2001) 571
290–293 (2001) 566
290–293 (2001) 798
290–293 (2001) 513
290–293 (2001) 1165
283–287 (2000) 697
283–287 (2000) 652
283–287 (2000) 239
290–293 (2001) 271
271&272 (1999) 155
283–287 (2000) 773
275 (1999) 146
295 (2001) 64
299 (2001) 242
288 (2001) 233
274 (1999) 7
274 (1999) 61
290–293 (2001) 920
277 (2000) 204
278 (2000) 290
275 (1999) 81
278 (2000) 225
299 (2001) 219

- materials during plasma instabilities 290–293 (2001) 1059
- Burtseva, T.A., see Arkhipov, I.I. 271&272 (1999) 418
- Busby, J.T., see Was, G.S. 300 (2002) 198
- Busch, R., see Gong, W.L. 295 (2001) 295
- Bush, C., see Hogan, J. 290–293 (2001) 628
- Bush, C.E., see Monier-Garbet, P. 290–293 (2001) 925
- Busker, G., R.W. Grimes and M.R. Bradford, The diffusion of iodine and caesium in the $\text{UO}_{2\pm x}$ lattice 279 (2000) 46
- Busnyuk, A., see Nakamura, Y. 278 (2000) 312
- Busnyuk, A., see Ohayabu, N. 283–287 (2000) 1297
- Busnyuk, A., Y. Nakamura, Y. Nakahara, H. Suzuki, N. Ohayabu and A. Livshits, Membrane bias effects on plasma-driven permeation of hydrogen through niobium membrane 290–293 (2001) 57
- Butt, D.P., see Kolman, D.G. 282 (2000) 245
- Butt, D.P., see Lillard, R.S. 277 (2000) 250
- Butt, D.P., see Lillard, R.S. 278 (2000) 277
- Butt, D.P., see Park, Y.S. 280 (2000) 285
- Buttol, P., see Benamati, G. 279 (2000) 308
- Byun, T.S., E.H. Lee, J.D. Hunn, K. Farrell and L.K. Mansur, Characterization of plastic deformation in a disk bend test 294 (2001) 256
- Byun, T.S., K. Farrell, E.H. Lee, J.D. Hunn and L.K. Mansur, Strain hardening and plastic instability properties of austenitic stainless steels after proton and neutron irradiation 298 (2001) 269
- Byun, T.S., S.H. Kim, B.S. Lee, I.S. Kim and J.H. Hong, Estimation of fracture toughness transition curves of RPV steels from ball indentation and tensile test data 277 (2000) 263
- Byun, T.S., see Farrell, K. 296 (2001) 129
- Byun, T.S., see Hunn, J.D. 282 (2000) 131
- Byun, T.S., see Hunn, J.D. 296 (2001) 203
- Byun, T.S., see Lee, E.H. 280 (2000) 18
- Byun, T.S., see Lee, E.H. 281 (2000) 65
- Byun, T.S., see Lee, E.H. 296 (2001) 183
- Cáceres, D., see Savoini, B. 277 (2000) 199
- Cadden, C.H. and B.C. Odegard, Refractory metal joining for first wall applications 283–287 (2000) 1253
- Calder, A.F., see Stoller, R.E. 283–287 (2000) 746
- Cambe, A., see Reichle, R. 290–293 (2001) 701
- Cambi, G., see Cepraga, D.G. 283–287 (2000) 1453
- Camus, E., see Abromeit, C. 271&272 (1999) 246
- Canay, M., C.A. Danón and D. Arias, Phase transition temperature in the Zr-rich corner of Zr–Nb–Sn–Fe alloys 280 (2000) 365
- vanadium alloys at low temperatures in Japan Material Testing Reactor 271&272 (1999) 301
- Candra, Y., see Fukumoto, K.-i. 283–287 (2000) 535
- Cao, W.-B., see Ge, C.-C. 283–287 (2000) 1116
- Capes, H., see Escarguel, A. 290–293 (2001) 854
- Capone, F., see Ronchi, C. 280 (2000) 111
- Carbajo, J.J., G.L. Yoder, S.G. Popov and V.K. Ivanov, A review of the thermophysical properties of MOX and UO_2 fuels 299 (2001) 181
- Carconi, P., see Alvani, C. 280 (2000) 372
- Carconi, P.L., see Alvani, C. 289 (2001) 303
- Cardella, A., see Barabash, V. 283–287 (2000) 1248
- Cardella, A., see Ioki, K. 283–287 (2000) 957
- Cardella, A., see Kalinin, G. 283–287 (2000) 10
- Cardella, A., H. Gorenflo, A. Lodata, K. Ioki and R. Raffray, Effects of plasma disruption events on ITER first wall materials 283–287 (2000) 1105
- Carlöt, G., see Martin, P. 275 (1999) 268
- Carlson, A., D. Coster, A. Herrmann, R. Pugno, U. Wenzel and ASDEX Upgrade Team, Plasma profiles in the inner divertor of ASDEX Upgrade 290–293 (2001) 575
- Carlson, A., see Herrmann, A. 290–293 (2001) 619
- Carlson, A., see Kallenbach, A. 290–293 (2001) 639
- Carlstrom, T.N., see Allen, S.L. 290–293 (2001) 995
- Carlstrom, T.N., see Owen, L.W. 290–293 (2001) 464
- Carlstrom, T.N., see Schaffer, M.J. 290–293 (2001) 530
- Carlstrom, T.N., see Watkins, J.G. 290–293 (2001) 778
- Carpéna, J., see Soulet, S. 299 (2001) 227
- Carpe, A., see Skinner, C.H. 290–293 (2001) 486
- Carpena, J., see Soulet, S. 289 (2001) 194
- Carraro, L., see Puiatti, M.E. 290–293 (2001) 696
- Carraro, L., see Valisa, M. 290–293 (2001) 980
- Carreira, L.M., J. Jiménez-Becerril, R. Basurto, J. Arenas, B.E. López M., S. Bulbulian and P. Bosch, Tritium recovery from nanostructured LiAlO_2 299 (2001) 242
- Carrot, F., see Bois, L. 297 (2001) 129
- Carsughi, F., see Chen, J. 275 (1999) 115
- Carsughi, F., see Chen, J. 298 (2001) 248
- Carsughi, F., see Dai, Y. 276 (2000) 289
- Carter, R.G., N. Soneda, K. Dohi, J.M. Hyde, C.A. English and W.L. Server, Microstructural characterization of irradiation-induced Cu-enriched clusters in reactor pressure vessel steels 298 (2001) 211
- Casadio, S., see Alvani, C. 280 (2000) 372
- Casadio, S., see Alvani, C. 289 (2001) 303
- 271&272 (1999) 445
- 290–293 (2001) 995
- 283–287 (2000) 1192
- 283–287 (2000) 672
- Castaing, A., see Alamo, A. 298 (2001) 211
- Castaing, A., see de Carlan, Y. 280 (2000) 372
- Castelnau, O., H. Francillette, B. Bacroix and R.A. Lebensohn, 289 (2001) 303

- Texture dependent plastic behavior of Zr 702 at large strain
Castro, R.G., see Hollis, K.J.
- Caturla, M.-J., M. Wall, E. Alonso,
T. Díaz de la Rubia, T. Felter
and M.J. Fluss, Heavy ion irradia-
tion and annealing of lead:
atomistic simulations and ex-
perimental validation
Caturla, M.J., N. Soneda, E. Alonso,
B.D. Wirth, T. Díaz de la Rubia
and J.M. Perlado, Comparative
study of radiation damage accu-
mulation in Cu and Fe
Caturla, M.-J., see Alonso, E.
Caturla, M.J., see Alonso, E.
Caturla, M.J., T. Diaz de la Rubia,
M. Victoria, R.K. Corzine,
M.R. James and G.A. Greene,
Multiscale modeling of radiation
damage: applications to damage
production by GeV proton irra-
diation of Cu and W, and pulsed
irradiation effects in Cu and Fe
Causey, R., see Inal, M.Y.
Causey, R., see Shimada, K.
Causey, R., see Venhaus, T.
Causey, R.A., Hydrogen isotope
retention and recycling in fusion
reactor plasma-facing compo-
nents
Causey, R.A., see Anderl, R.A.
Causey, R.A., see Hertz, K.L.
Causey, R.A., see Nakamura, H.
Causey, R.A., see Skinner, C.H.
Cazzola, C., J. Boscary and R.
Matera, Tungsten filament
mock-ups for gas box liner
Cecala, C.M., see Dinh, L.N.
Cecala, C.M., see Dinh, L.N.
Cepraga, D.G. and G. Cambi, Ma-
terial composition and nuclear
data libraries' influence on nick-
el-chromium alloys activation
evaluation: a comparison with
decay heat experiments
Cervena, J., see Vacik, J.
Chabrol, C., see Benamati, G.
Chabrol, C., see Conrad, R.
Chae, S.W., see Chun, Y.B.
Chakin, V., see Kazakov, V.A.
Chakin, V.P., see Kazakov, V.A.
Chakraborthy, K.P., see Ba-
lakrishna, P.
Chakravarty, J.K., see Mukher-
jee, P.
Chamberlin, E.P., see Veilleux, J.M.
Chandramouli, V., see Anthonysa-
my, S.
Chandrashekharayya, C., see Shuk-
la, S.V.
- 297 (2001) 14
283–287 (2000) 1085
- 276 (2000) 186
- 276 (2000) 13
276 (2000) 221
283–287 (2000) 768
- 296 (2001) 90
278 (2000) 164
290–293 (2001) 478
290–293 (2001) 505
- 300 (2002) 91
273 (1999) 1
300 (2002) 255
283–287 (2000) 1043
290–293 (2001) 486
- 283–287 (2000) 1073
295 (2001) 193
300 (2002) 89
- 283–287 (2000) 1453
289 (2001) 308
271&272 (1999) 391
283–287 (2000) 1351
295 (2001) 31
283–287 (2000) 727
271&272 (1999) 463
- 297 (2001) 35
297 (2001) 341
277 (2000) 315
- 278 (2000) 346
273 (1999) 130
- Chankin, A., see García-Cortés, I.
Chankin, A.V., G. Corrigan, S.K.
Erents, G.F. Matthews, J.
Spence and P.C. Stangeby, In-
terpretation of SOL flows and
target asymmetries in JET using
EDGE2D code calculations
Chankin, A.V., see Fundame-
nski, W.
Chantant, M., see Chappuis, Ph.
Chantant, M., see Reichle, R.
Chantant, M., see Vallet, J.C.
Chaouadi, R., see Puzzolante, J.-L.
Chaouadi, R., see Scibetta, M.
Chappuis, Ph., see Merola, M.
Chappuis, P., see Tsitrone, E.
Chappuis, Ph., E. Tsitrone, M.
Mayne, X. Armand, H. Linke,
H. Bolt, D. Pettit and J.P.
Sharpe, Dust characterization
and analysis in Tore-Supra
Chappuis, Ph., F. Escoubiac, M.
Chantant, M. Febvre, M. Grat-
tarola, M. Bet, M. Merola and
B. Riccardi, Infrared character-
ization and high heat flux testing
of plasma sprayed layers
Chappuis, Ph., see Mitteau, R.
Chareyre, E., see Corre, Y.
Chareyre, E., see Schunke, B.
Charquet, D., Influence of pre-
cipitate density on the nodular
corrosion resistance of Zr–Sn–
Fe–Cr alloys at 500 °C
Chatain, S., see Baïchi, M.
Chatillon, C., see Baïchi, M.
Chatterjee, S.K., see Mukherjee, P.
Chattopadhyay, S.K., see Mu-
kherjee, P.
Chaulet, D., S. Martemianov, J.H.
Thomassin and P. Le Coustumer,
Application of electrochemical
impedance spectroscopy (EIS)
for in situ study of glass altera-
tion
Chaumont, J., see Pichot, E.
Chaumont, J., see Soulet, S.
Chaumont, J., see Soulet, S.
Chauveau, T., see Sanchez, P.
Chauvin, N., R.J.M. Konings and
H.J. Matzke, Optimisation of in-
ert matrix fuel concepts for
americium transmutation
Chauvin, N., T. Albiol, R. Mazoyer,
J. Noiro, D. Lespiaux, J.C.
Dumas, C. Weinberg, J.C. Mé-
nard and J.P. Ottaviani, In-pile
studies of inert matrices with
emphasis on magnesia and mag-
nesium aluminate spinel
Chawla, R., see Paratte, J.M.
- 290–293 (2001) 604
- 290–293 (2001) 518
- 290–293 (2001) 593
283–287 (2000) 1081
290–293 (2001) 701
290–293 (2001) 1023
283–287 (2000) 428
283–287 (2000) 455
283–287 (2000) 1068
290–293 (2001) 331
- 290–293 (2001) 245
- 283–287 (2000) 1081
290–293 (2001) 1036
290–293 (2001) 250
290–293 (2001) 715
- 288 (2001) 237
294 (2001) 84
294 (2001) 84
297 (2001) 341
- 297 (2001) 341
- 298 (2001) 192
289 (2001) 219
289 (2001) 194
299 (2001) 227
298 (2001) 329
- 274 (1999) 105
- 274 (1999) 91
274 (1999) 120

- Chawla, R., see Stanculescu, A.
- Chen, A.Y.K., J.W. Davis and A.A. Haasz, Methane formation in graphite and boron-doped graphite under simultaneous O⁺ and H⁺ irradiation
- Chen, C., see Zhang, C.
- Chen, C.Q., J.G. Sun and Y.C. Xu, Neutron irradiation hardening of ODS alloy tested by miniature disk bend test method
- Chen, F., P.C. Burns and R.C. Ewing, ⁷⁹Se: geochemical and crystallo-chemical retardation mechanisms
- Chen, F., P.C. Burns and R.C. Ewing, Near-field behavior of ⁹⁹Tc during the oxidative alteration of spent nuclear fuel
- Chen, F.R., see Duh, T.S.
- Chen, F.R., see Duh, T.S.
- Chen, G., see Li, F.
- Chen, J., H. Ullmaier, T. Floßdorf, W. Kühnlein, R. Duwe, F. Carsughi and T. Broome, Mechanical properties of pure tantalum after 800 MeV proton irradiation
- Chen, J., see James, M.R.
- Chen, J., see Jung, P.
- Chen, J., see Jung, P.
- Chen, J., Y. Dai, F. Carsughi, W.F. Sommer, G.S. Bauer and H. Ullmaier, Mechanical properties of 304L stainless steel irradiated with 800 MeV protons
- Chen, J.C., see Dai, Y.
- Chen, J.L., see Guo, Q.G.
- Chen, K., see Zhang, C.
- Chen, K.Q., see Wang, Z.G.
- Chen, L., see Gao, X.
- Chen, Y., P. Späthig and M. Victoria, The mechanical properties of 590 MeV proton irradiated iron
- Chen, Y.F., see Gao, X.
- Cheng, E.T., see Klueh, R.L.
- Cheng, T.-P., see Wu, T.-F.
- Cheon, J.S. and I.S. Kim, Evaluation of thermal aging embrittlement in CF8 duplex stainless steel by small punch test
- Cheon, J.-S., see Koo, Y.-H.
- Cheong, Y.M., see Kim, Y.S.
- Cheong, Y.M., see Kim, Y.S.
- Chernetsov, M.V., see Ivanov, A.D.
- Chernetsov, M.V., see Kozlov, A.V.
- Chernikov, V.N., see Alimov, V.Kh.
- Chernov, I.I., B.A. Kalin, A.N. Kalashnikov and V.M. Ananin, Behavior of ion-implanted helium and structural changes in
- 274 (1999) 146
- 290–293 (2001) 61
- 283–287 (2000) 259
- 283–287 (2000) 1011
- 275 (1999) 81
- 278 (2000) 225
- 283–287 (2000) 198
- 294 (2001) 267
- 300 (2002) 82
- 298 (2001) 248
- 296 (2001) 139
- 283–287 (2000) 806
- 296 (2001) 165
- 275 (1999) 115
- 296 (2001) 174
- 290–293 (2001) 191
- 283–287 (2000) 259
- 271&272 (1999) 306
- 279 (2000) 330
- 271&272 (1999) 128
- 279 (2000) 330
- 280 (2000) 353
- 295 (2001) 233
- 278 (2000) 96
- 295 (2001) 213
- 278 (2000) 251
- 297 (2001) 292
- 271&272 (1999) 139
- 283–287 (2000) 193
- 273 (1999) 277
- nickel-base alloys under long-time exposure at elevated temperatures
- Chernov, V.M., see Demenkov, P.V.
- Chernov, V.M., see Eliseeva, O.I.
- Chernov, V.M., see Ioltukhovskiy, A.G.
- Chernov, V.M., see Kurtz, R.J.
- Chernov, V.M., see Plasksin, O.A.
- Chernov, V.M., see Solonin, M.I.
- Chernov, V.M., see Stepanov, V.A.
- Chernov, V.M., V.A. Romanov and A.O. Krutskikh, Atomic mechanisms and energetics of thermally activated processes of helium redistribution in vanadium
- Chesnokov, B.P., see Zaykin, Yu.A.
- Chevalier, P.Y. and E. Fischer, Thermodynamic modelling of the C–U and B–U binary systems
- Chevalier, P.-Y., E. Fischer and B. Cheynet, Thermodynamic modelling of the N–U system
- Chevarier, A., see Martin, P.
- Chevarier, A., see Martin, P.
- Chevarier, A., see Simeone, D.
- Chevarier, A., see Simeone, D.
- Chevarier, N., see Brossard, F.
- Chevarier, N., see Gaillard, C.
- Chevrel, H., see Dehaudt, Ph.
- Cheynet, B., see Chevalier, P.-Y.
- Chimi, Y., A. Iwase and N. Ishikawa, Defect accumulation behavior in iron irradiated with energetic ions and electrons at ~80 K
- Chimi, Y., A. Iwase, N. Ishikawa, M. Kobiyama, T. Inami and S. Okuda, Accumulation and recovery of defects in ion-irradiated nanocrystalline gold
- Chin, B., see Aglan, H.
- Chin, B.A., see Aglan, H.A.
- Chin, B.A., see Gan, Y.X.
- Chin, B.A., see Steward, R.V.
- Chitwood, L.D., see DiStefano, J.R.
- Chitwood, L.D., see DiStefano, J.R.
- Chitwood, L.D., see DiStefano, J.R.
- Chitwood, L.D., see Pint, B.A.
- Chodak III, P., see Sickafus, K.E.
- Choi, B., see Lee, S.
- Choi, K., see Sheng, J.
- Choi, Y., see Kim, B.G.
- Choo, K.-N. and Y.-S. Kim, Hydrogen uptake and corrosion behavior of Zr–2.5Nb pressure tubes in Wolsong Unit 1
- Choudhary, B.K., K. Bhanu Sankara Rao, S.L. Mannan and
- 271&272 (1999) 333
- 297 (2001) 1
- 283–287 (2000) 1282
- 283–287 (2000) 652
- 283–287 (2000) 70
- 271&272 (1999) 496
- 283–287 (2000) 1468
- 283–287 (2000) 932
- 271&272 (1999) 274
- 271&272 (1999) 73
- 288 (2001) 100
- 280 (2000) 136
- 275 (1999) 268
- 278 (2000) 202
- 281 (2000) 171
- 300 (2002) 27
- 279 (2000) 153
- 299 (2001) 43
- 299 (2001) 250
- 280 (2000) 136
- 271&272 (1999) 236
- 297 (2001) 355
- 273 (1999) 192
- 278 (2000) 186
- 299 (2001) 157
- 283–287 (2000) 1224
- 273 (1999) 102
- 283–287 (2000) 841
- 295 (2001) 42
- 289 (2001) 52
- 274 (1999) 66
- 282 (2000) 223
- 297 (2001) 7
- 281 (2000) 163
- 297 (2001) 52

- B.P. Kashyap, Influence of prior thermal ageing on tensile deformation and fracture behaviour of forged thick section 9Cr–1Mo ferritic steel 273 (1999) 315
- Chow, C.K., see Sagat, S. 279 (2000) 107
- Chu, F., see Yu, J. 283–287 (2000) 1077
- Chu, M., see Osborne, T.H. 290–293 (2001) 1013
- Chu, W.Y., Y.B. Wang and L.J. Qiao, Interaction between blue brittleness and stress corrosion cracking 280 (2000) 250
- Chu, Y.S., see Erwin, K.T. 294 (2001) 299
- Chul Kim, U., see Haeng Hur, D. 299 (2001) 271
- Chun, K.S., S.S. Kim and C.H. Kang, Release of boron and cesium or uranium from simulated borosilicate waste glasses through a compacted Ca-bentonite layer 298 (2001) 150
- Chun, Y.B., S.K. Hwang, M.H. Kim, S.I. Kwun and S.W. Chae, Effect of Mo addition on the crystal texture and deformation twin formation in Zr-based alloys 295 (2001) 31
- Chung, H.M., see Onchi, T. 274 (1999) 341
- Chung, T., see Pitcher, C.S. 290–293 (2001) 812
- Chung, T.K., see Stotler, D.P. 290–293 (2001) 967
- Chuto, T., M. Satou and K. Abe, Defect microstructure and deformation behavior of V–Ti–Cr–Si–Al–Y alloy irradiated in ATR 283–287 (2000) 503
- Chuto, T., see Satou, M. 283–287 (2000) 367
- Chyrko, L.I., V.I. Chyrko, E.U. Gryniuk, O.V. Drogayev, M.P. Krulikovska and V.I. Sugakov, Gamma-irradiation effect on heterogeneous short-range order in Fe+12 at.% Al alloy 279 (2000) 162
- Chyrko, V.I., see Chyrko, L.I. 279 (2000) 162
- Claaßen, H.A., see Gerhauser, H. 290–293 (2001) 609
- Clauss, D.A., see Kang, Y.C. 281 (2000) 57
- Clement, C., see Monier-Garbet, P. 290–293 (2001) 925
- Clift, M.W., see Buchenauer, D.A. 290–293 (2001) 1165
- Coad, J.P., N. Bekris, J.D. Elder, S.K. Erents, D.E. Hole, K.D. Lawson, G.F. Matthews, R.-D. Penzhorn and P.C. Stangeby, Erosion/deposition issues at JET 290–293 (2001) 224
- Coad, J.P., see Alberici, S. 273 (1999) 116
- Coad, J.P., see Counsell, G.F. 290–293 (2001) 255
- Coad, J.P., see Federici, G. 283–287 (2000) 110
- Coad, J.P., see Hillis, D.L. 290–293 (2001) 418
- Coad, J.P., see Penzhorn, R.-D. 288 (2001) 170
- Coad, J.P., see Stan-Sion, C. 290–293 (2001) 491
- Coad, J.P., see Summers, D.D.R. 290–293 (2001) 496
- Coad, P., see Itami, K. 290–293 (2001) 633
- Coccoz, G.D.H., see González, H.C. 279 (2000) 360
- Coelli, S., see Vettraino, F. 274 (1999) 23
- Cohen, R.H., see Fielding, S.J. 290–293 (2001) 859
- Cohen, R.H., see Hooper, E.B. 278 (2000) 104
- Colak, Ü. and O. Özdere, Comparative analysis of pressure vessel integrity for various LOCA conditions 297 (2001) 271
- Colas, L., see Costanzo, L. 290–293 (2001) 840
- Colchin, R.J., see Allen, S.L. 290–293 (2001) 995
- Colchin, R.J., see Baylor, L.R. 290–293 (2001) 398
- Colchin, R.J., see Mahdavi, M.A. 290–293 (2001) 905
- Colchin, R.J., see Owen, L.W. 290–293 (2001) 464
- Cole, J.I. and T.R. Allen, Microstructural changes induced by post-irradiation annealing of neutron-irradiated austenitic stainless steels 283–287 (2000) 329
- Cole, J.I., see Allen, T.R. 282 (2000) 171
- Colella, M., see Cooper, R. 289 (2001) 199
- Colella, M., see Zhang, Y. 289 (2001) 254
- Coleman, C.E., see Sagat, S. 279 (2000) 107
- Colin, M., see Bonin, B. 281 (2000) 1
- Colle, J.Y., see Ronchi, C. 280 (2000) 111
- Collins, J., see Stubbins, J.F. 283–287 (2000) 982
- Colombo, L., see Malerba, L. 283–287 (2000) 794
- Colombo, P., B. Riccardi, A. Donato and G. Scarinci, Joining of SiC/SiC_f ceramic matrix composites for fusion reactor blanket applications 278 (2000) 127
- Combette, P. and I. Zacharie, Reply to the comments by J.H. Evans about two papers ‘Thermal treatment of UO₂ irradiated in a pressurized water reactor: swelling and release of fission gases’ and ‘Microstructural analysis and modelling of intergranular swelling of an irradiated UO₂ fuel treated at high temperature’ by I. Zacharie, S. Lansiart, P. Combette, M. Trotabas, M. Coster and M. Groos 275 (1999) 112
- Conn, R., see Hirooka, Y. 274 (1999) 320
- Conn, R.W., see Doerner, R.P. 290–293 (2001) 166
- Conrad, R., K. Bakker, C. Chabrol, M.A. Fütterer, J.G. van der Laan, E. Rigal and M.P. Stijkel, In-pile tritium-permeation measurements on T91 tubes with double walls or a Fe–Al/Al₂O₃ coating 283–287 (2000) 1351
- Conrad, R., see Konings, R.J.M. 274 (1999) 336
- Conrad, R., see Konings, R.J.M. 282 (2000) 159
- Conrad, R., see Neef, E.A.C. 274 (1999) 78
- Conrad, R., see Rödig, M. 283–287 (2000) 1161
- Conradson, S.D., see Begg, B.D. 278 (2000) 212
- Conradson, S.D., see Hess, N.J. 281 (2000) 22
- Conradt, R., A proposition for an improved theoretical treatment of the corrosion of multi-component glasses 298 (2001) 19

- Contini, V., see Alvani, C. 289 (2001) 303
 Cook, P.M.A., see White, R.J. 288 (2001) 43
 Cooper, R., K.L. Smith, M. Colella, E.R. Vance and M. Phillips, Optical emission due to ionic displacements in alkaline earth titanates 289 (2001) 199
 Coppola, R., C. Nardi and B. Riccardi, High temperature residual strain measurements in a brazed sample for NET/ITER 283–287 (2000) 1243
 Coppola, R., M. Magnani, R.P. May, A. Möslang and M. Valli, Study of He-bubble growth in α -particle implanted F82H-mod martenitic steel 283–287 (2000) 183
 Corbel, C., see Sattonnay, G. 288 (2001) 11
 Cordfunke, E.H.P., M.E. Huntenlaar, F. Funke, M.K. Koch, Ch. Kortz, P.K. Mason, M.A. Mignanelli and M.S. Newland, Thermochemical data and modelling for ex-vessel corium behaviour during a severe accident 294 (2001) 18
 Cormack, A.N., see Williford, R.E. 273 (1999) 164
 Corolleur-Thomas, G., see Barbéris, P. 288 (2001) 241
 Corre, Y., R. Giannella, C. De Michelis, R. Guirlet, A. Azéroual, E. Chareyre, L. Costanzo, A. Escarguel, E. Gauthier, P. Ghendrih, J. Gunn, J. Hogan, P. Monier-Garbet, B. Pégourié, A. Pospieszczyk and E. Tsitrone, Characterisation of radiation and flux measurements on a neutraliser plate of the Tore Supra ergodic divertor 290–293 (2001) 250
 Corre, Y., see Costanzo, L. 290–293 (2001) 840
 Corre, Y., see Escarguel, A. 290–293 (2001) 854
 Corre, Y., see Ghendrih, Ph. 290–293 (2001) 798
 Corre, Y., see Guirlet, R. 290–293 (2001) 872
 Corre, Y., see Gunn, J.P. 290–293 (2001) 877
 Corre, Y., see Monier-Garbet, P. 290–293 (2001) 925
 Corre, Y., see Tsitrone, E. 290–293 (2001) 331
 Corrigan, G., see Chankin, A.V. 290–293 (2001) 518
 Corzine, R.K., see Catturla, M.J. 296 (2001) 90
 Costa, S., see Valisa, M. 290–293 (2001) 980
 Costantini, J.M., see Gibert-Mougel, C. 295 (2001) 121
 Costanzo, L., J.P. Gunn, T. Loarer, L. Colas, Y. Corre, Ph. Ghendrih, C. Grisolia, A. Grosman, D. Guilhem, P. Monier-Garbet, R. Reichle, H. Roche and J.C. Vallet, Analysis of energy flux deposition and sheath transmission factors during ergodic divertor operation on Tore Supra 290–293 (2001) 840
 Costanzo, L., see Corre, Y. 290–293 (2001) 250
 Costanzo, L., see Ghendrih, Ph. 290–293 (2001) 798
 Costanzo, L., see Grisolia, C. 290–293 (2001) 863
 Costanzo, L., see Loarer, T. 290–293 (2001) 900
 Costanzo, L., see Mank, G. 290–293 (2001) 910
 Costanzo, L., see Monier-Garbet, P. 290–293 (2001) 925
 Costanzo, L., see Zabiégo, M. 290–293 (2001) 985
 Coster, D., see Bonnin, X. 290–293 (2001) 829
 Coster, D., see Bosch, H.-S. 290–293 (2001) 836
 Coster, D., see Bürbäumer, H. 290–293 (2001) 571
 Coster, D., see Carlson, A. 290–293 (2001) 575
 Coster, D., see Fantz, U. 290–293 (2001) 367
 Coster, D., see Fuchs, J.C. 290–293 (2001) 525
 Coster, D., see Kukushkin, A.S. 290–293 (2001) 887
 Coster, D., see Pitts, R.A. 290–293 (2001) 940
 Coster, D., see Reiser, D. 290–293 (2001) 953
 Coster, D., see Rozhansky, V. 290–293 (2001) 710
 Coster, D.P., H.-S. Bosch, W. Ullrich and ASDEX Upgrade Team, B2–EIRENE modelling of He compression and enrichment 290–293 (2001) 845
 Coster, D.P., see Federici, G. 290–293 (2001) 260
 Coster, D.P., see Hatayama, A. 290–293 (2001) 407
 Coster, D.P., see Kim, J.-W. 290–293 (2001) 644
 Costley, A., see Yamamoto, S. 283–287 (2000) 60
 Couillard, M., see Gin, S. 298 (2001) 1
 Counsell, G., see Summers, D.D.R. 290–293 (2001) 496
 Counsell, G.F., J.P. Coad, G. Federici, K. Krieger, V. Philipps, C.H. Skinner and D.G. Whyte, Towards an improved understanding of the relationship between plasma edge and materials issues in a next-step fusion device 290–293 (2001) 255
 Counsell, G.F., see Ahn, J.-W. 290–293 (2001) 820
 Couvreur, F., see Bourgoïn, J. 275 (1999) 296
 Couvreur, F., see Gibert-Mougel, C. 295 (2001) 121
 Cowgill, D.F., see Buchenauer, D.A. 290–293 (2001) 1165
 Cowgill, D.F., see Hertz, K.L. 300 (2002) 255
 Cowgill, D.F., see Inal, M.Y. 278 (2000) 164
 Cox, S., see Menhart, S. 290–293 (2001) 673
 Crocombe, J.-P. and D. Ghaleb, Molecular dynamics modeling of irradiation damage in pure and uranium-doped zircon 295 (2001) 167
 Cros, B., see Laux, D. 300 (2002) 192
 Cros, B., see Roque, V. 277 (2000) 211
 Crovisier, J.L., see Advocat, T. 298 (2001) 55
 Crusset, D., see Brossard, F. 279 (2000) 153
 Cui, N.Z., see Gao, X. 279 (2000) 330
 Curti, E. and W. Hummel, Modeling the solubility of zirconia in a repository for high-level radioactive waste 274 (1999) 189
 Czitrovszky, A., see Pintér Csordás, A.P. 282 (2000) 205
 Dacheux, N., see Hubert, S. 297 (2001) 206
 Dacheux, N., see Pichot, E. 289 (2001) 219
 Dacheux, N., see Thomas, A.C. 281 (2000) 91

- Dacheux, N., see Thomas, A.C.
- Dafferner, B., see Röhrig, H.D.
- Dafferner, B., see Schneider, H.-C.
- Dai, Y. and G.S. Bauer, Status of the first SINQ irradiation experiment, STIP-I 295 (2001) 249
- Dai, Y., F. Carsughi, W.F. Sommer, G.S. Bauer and H. Ullmaier, Tensile properties and microstructure of martensitic steel DIN 1.4926 after 800 MeV proton irradiation 283–287 (2000) 498
- Dai, Y., S.A. Maloy, G.S. Bauer and W.F. Sommer, Mechanical properties and microstructure in low-activation martensitic steels F82H and Optimax after 800 MeV proton irradiation 295 (2001) 16
- Dai, Y., X. Jia, J.C. Chen, W.F. Sommer, M. Victoria and G.S. Bauer, Microstructure of both as-irradiated and deformed 304L stainless steel irradiated with 800 MeV protons 296 (2001) 43
- Dai, Y., see Chen, J.
- Dai, Y., see Schäublin, R.
- Dai, Y., see Victoria, M.
- Dai, Y., see Zalavutdinov, R.Kh.
- Dai, Y., X. Jia, J.C. Chen, W.F. Sommer, M. Victoria and G.S. Bauer, Microstructure of both as-irradiated and deformed 304L stainless steel irradiated with 800 MeV protons 276 (2000) 289
- Damen, P.M.G., see Kloosterman, J.L.
- Danón, C.A., see Canay, M.
- Danelyan, L.S., see Guseva, M.I.
- Daniel, P., see Simeone, D.
- Daniel, P., see Simeone, D.
- Danilov, S.E., see Arbuzov, V.L.
- Danilov, S.E., see Arbuzov, V.L.
- Das, D., A.S. Kerkar, S.R. Bharadwaj, S. Mukherjee and S.R. Dharwadkar, Henrian ideality of iron in liquid uranium solvent at high temperatures 296 (2001) 174
- Das, D., see Ali (Basu), M.
- Das, D., see Ali (Basu), M.
- Das, D., see Ali (Basu), M.
- Das, D., see Bharadwaj, S.R.
- Dash, S., M. Kamruddin, P.K. Ajikumar, A.K. Tyagi, B. Raj, S. Bera and S.V. Narasimhan, Temperature programmed decomposition of thorium nitrate pentahydrate 296 (2001) 249
- Dash, S., R. Krishnan, M. Kamruddin, A.K. Tyagi and B. Raj, Temperature programmed decomposition of thorium oxalate hexahydrate 295 (2001) 281
- Dash, S., see Prasad, R.
- Dash, S., Z. Singh, R. Prasad and V. Venugopal, Calorimetric studies 277 (2000) 45
- on the strontium–uranium–oxygen system 295 (2001) 16
- Dassel, G., see Konings, R.J.M.
- Daulton, T.L., M.A. Kirk and L.E. Rehn, In situ transmission electron microscopy study of ion-irradiated copper: comparison of the temperature dependence of cascade collapse in fcc- and bcc-metals 296 (2001) 43
- Daum, E., How to improve the irradiation conditions for the International Fusion Materials Irradiation Facility 276 (2000) 258
- Davies, S.J., see García-Cortés, I.
- Davis, J.W., The role of materials R&D in the development of commercial fusion power plants 283–287 (2000) 1001
- Davis, J.W., C.G. Hamilton and A.A. Haasz, O₂ erosion of graphite tile substrates 290–293 (2001) 604
- Davis, J.W., P.B. Wright, R.G. Macaulay-Newcombe, A.A. Haasz and C.G. Hamilton, Chemical erosion of boronized films from DIII-D tiles 271&272 (1999) 532
- Davis, J.W., see Anderl, R.A.
- Davis, J.W., see Chen, A.Y.K.
- Davis, J.W., see Haasz, A.A.
- Davis, J.W., see Poon, M.
- Davydov, D., see Anderl, R.A.
- Davydov, D., see Kapychev, V.
- Davydov, D.A., M.I. Solonin, Yu.E. Markuchkin, V.A. Gorokhov and V.V. Gorlevsky, The method design, manufacture and tests of the porous beryllium mock-ups for the ITER breeding blanket 288 (2001) 148
- Davydov, D.A., M.I. Solonin, Yu.E. Markushkin, V.A. Gorokhov, V.V. Gorlevsky and G.N. Nikolaev, Development of materials and fabrication of porous and pebble bed beryllium multipliers 290–293 (2001) 66
- Day, D.E., see Mesko, M.G.
- Day, R.A., see Zhang, Y.
- Dayal, R.K., see Kamachi Mudali, U.
- Dayal, R.K., see Parvathavarthini, N.
- Dayananda, M.A., see Sohn, Y.H.
- de Almeida, P., see Schäublin, R.
- De Angelis, U., see Filacchioni, G.
- de Bakker, P.M.A., see Slugen, V.
- De Batist, R., see Van Ouytsel, K.
- de Carlan, Y., A. Alamo, M.H. Mathon, G. Geoffroy and A. Castaing, Effect of thermal aging 273 (1999) 1
- 290–293 (2001) 61
- 290–293 (2001) 85
- 283–287 (2000) 1062
- 283–287 (2000) 1463
- 283–287 (2000) 1429
- 271&272 (1999) 435
- 283–287 (2000) 1409
- 273 (1999) 27
- 289 (2001) 254
- 277 (2000) 49
- 288 (2001) 187
- 279 (2000) 317
- 283–287 (2000) 205
- 271&272 (1999) 445
- 274 (1999) 273
- 279 (2000) 51

- on the microstructure and mechanical properties of 7–11 CrW steels 283–287 (2000) 672
- de Diego, G., see Hernández-Mayoral, M. 279 (2000) 189
- De Grave, E., see Slugeà, V. 274 (1999) 273
- de la Cal, E., B. Brañas, F.L. Tabarés, D. Tafalla, A.L. Fraguas, M.A. Pedrosa, V. Tribaldos, E. Ascasibar, J. Herranz, I. Pastor and TJ-II Team, Plasma boundary and SOL studies of ECH-plasmas in TJ-II stellarator with diagonal mobile poloidal limiters 290–293 (2001) 579
- de la Cal, E., see Tabarés, F.L. 290–293 (2001) 748
- de la Luna, E., see Tabarés, F.L. 290–293 (2001) 748
- De Michelis, C., see Corre, Y. 290–293 (2001) 250
- De Michelis, C., see Escarguel, A. 290–293 (2001) 854
- De Michelis, C., see Ghendrih, Ph. 290–293 (2001) 798
- De Michelis, C., see Grisolía, C. 290–293 (2001) 863
- De Michelis, C., see Guirlet, R. 290–293 (2001) 872
- De Michelis, C., see Hogen, J. 290–293 (2001) 628
- De Michelis, C., see Laugier, F. 290–293 (2001) 892
- De Michelis, C., see Mank, G. 290–293 (2001) 910
- De Michelis, C., see Monier-Garbet, P. 290–293 (2001) 925
- De Michelis, C., see Schunke, B. 290–293 (2001) 715
- De Michelis, C., see Zabiégo, M. 290–293 (2001) 985
- De Santis, G., see Filacchioni, G. 271&272 (1999) 445
- De Van, J.H., see DiStefano, J.R. 273 (1999) 102
- de Vries, M.I., see van Osch, E.V. 271&272 (1999) 162
- Décamps, B., see Thiébaut, S. 277 (2000) 217
- Defoort, F., see Bourgois, J. 275 (1999) 296
- Degueldre, C. and J.M. Paratte, Concepts for an inert matrix fuel, an overview 274 (1999) 1
- Degueldre, C., M. Pouchon, M. Döbeli, K. Sickafus, K. Hojou, G. Ledergerber and S. Abolhasani-Dadras, Behaviour of implanted xenon in yttria-stabilised zirconia as inert matrix of a nuclear fuel 289 (2001) 115
- Degueldre, C., see Fuks, L. 280 (2000) 360
- Degueldre, C., see Pouchon, M.A. 274 (1999) 61
- Dehaudt, P., see Roque, V. 277 (2000) 211
- Dehaudt, Ph., L. Bourgeois and H. Chevrel, Activation energy of UO_2 and UO_{2+x} sintering 299 (2001) 250
- Dehaudt, Ph., see Bourgeois, L. 295 (2001) 73
- Dehaudt, Ph., see Bourgeois, L. 297 (2001) 313
- deKock, L., see Yamamoto, S. 283–287 (2000) 60
- del Nero, M., see Advocat, T. 298 (2001) 55
- Delaire, O., see Erwin, K.T. 294 (2001) 299
- Delchambre, E., see Reichle, R. 290–293 (2001) 701
- Delichère, P., see Gaillard, C. 299 (2001) 43
- Demenkov, P.V., O.A. Plaksin, V.A. Stepanov, P.A. Stepanov, V.M. Chernov, K.M. Golant and A.L. Tomashuk, Optical phenomena in KU-1 silica core 297 (2001) 1
- fiber waveguides under pulsed reactor irradiation 290–293 (2001) 854
- DeMichelis, C., see Escarguel, A. 290–293 (2001) 628
- DeMichelis, C., see Hogan, J. 290–293 (2001) 925
- DeMichelis, C., see Monier-Garbet, P. 290–293 (2001) 715
- DeMichelis, C., see Schunke, B. 281 (2000) 208
- DeMint, A.L. and J.H. Leckey, Effect of silicon impurities and heat treatment on uranium hydriding rates 299 (2001) 43
- Den Auwer, C., see Gaillard, C. 277 (2000) 184
- den Hartog, H.W., see Dubinko, V.I. 289 (2001) 86
- den Hartog, H.W., see Dubinko, V.I. 275 (1999) 268
- Denner, V., see Grosse, M. 277 (2000) 280
- Deptula, A., see Alvani, C. 289 (2001) 303
- Dergunova, E., see Shikov, A. 283–287 (2000) 968
- Derz, H., see Rödig, M. 283–287 (2000) 1161
- Deschanels, X., see Simeone, D. 297 (2001) 244
- Desideri, D., see Puiatti, M.E. 290–293 (2001) 696
- Desideri, D., see Spolaore, M. 290–293 (2001) 729
- Despaux, G., see Laux, D. 300 (2002) 192
- Dessemont, L., see Vermoyal, J.J. 298 (2001) 297
- Deutsch, H., see Mair, C. 290–293 (2001) 291
- DeVan, J.H., see DiStefano, J.R. 283–287 (2000) 841
- Devanathan, R. and W.J. Weber, Displacement energy surface in 3C and 6H SiC 278 (2000) 258
- Devanathan, R., see Begg, B.D. 288 (2001) 208
- Devanathan, R., see Williford, R.E. 273 (1999) 164
- Devreux, F. and P. Barboux, Numerical modelling of glass dissolution: gel layer morphology 298 (2001) 145
- Devynck, P., J. Gunn, Ph. Ghendrih, X. Garbet, G. Antar, P. Beyer, C. Boucher, C. Honore, F. Gervais, P. Hennequin, A. Quémeneur and A. Truc, Density fluctuations at high density in the ergodic divertor configuration of Tore Supra 290–293 (2001) 584
- Devynck, P., see Boucher, C. 290–293 (2001) 561
- Devynck, P., see Ghendrih, Ph. 290–293 (2001) 798
- Devynck, P., see Gunn, J.P. 290–293 (2001) 877
- Dey, G.K., see Batra, I.S. 299 (2001) 91
- Dharwadkar, S.R., see Ali(Basu), M. 282 (2000) 261
- Dharwadkar, S.R., see Bharadwaj, S.R. 299 (2001) 165
- Dharwadkar, S.R., see Das, D. 275 (1999) 201
- d'Hulst, D.S., see Rensman, J. 281 (2000) 203
- Di Stefano, J.R., see Pint, B.A. 283–287 (2000) 1201
- Díaz Arocás, P., see Quiñones, J. 289 (2001) 52
- Díaz de la Rubia, T., see Alonso, E. 298 (2001) 63
- Díaz de la Rubia, T., see Caturla, M.J. 283–287 (2000) 768
- Díaz de la Rubia, T., see Malerba, L. 296 (2001) 90
- Díaz de la Rubia, T., see Morishita, K. 283–287 (2000) 794
- 271&272 (1999) 35

- Díaz de la Rubia, T., see Morishita, K.
- Díaz de la Rubia, T., see Wirth, B.D.
- Díaz de la Rubia, T., see Almazouzi, A.
- Díaz de la Rubia, T., see Alonso, E.
- Díaz de la Rubia, T., see Caturla, M.-J.
- Díaz de la Rubia, T., see Caturla, M.J.
- Díaz de la Rubia, T., see Ghoniem, N.M.
- Díaz de la Rubia, T., see Perlado, J.M.
- Díaz de la Rubia, T., see Zbib, H. M.
- Dibartolomeo, A., see Alvani, C.
- Dickerson, R.M., see Afanasyev-Charkin, I.V.
- Dickson, L.W., see Szpunar, B.
- Dickson, R.S., see Szpunar, B.
- Dietz, J., see Kalinin, G.
- DIII-D Team, see Fenstermacher, M.E.
- DIII-D Team, see Osborne, T.H.
- DIII-D Team, see Petrie, T.W.
- Dimitrov, O., see Sattonnay, G.
- Dinh, L.N., C.M. Cecala, J.H. Leckey and M. Balooch, The effects of moisture on LiD single crystals studied by temperature-programmed decomposition
- Dinh, L.N., C.M. Cecala, J.H. Leckey and M. Balooch, Erratum to 'The effects of moisture on LiD single crystals studied by temperature-programmed decomposition' [J. Nucl. Mater. 295 (2001) 193–204]
- DiStefano, J.R. and L.D. Chitwood, Oxidation and its effects on the mechanical properties of Nb–1Zr
- DiStefano, J.R., B.A. Pint, J.H. DeVan, H.D. Röhrig and L.D. Chitwood, Effects of oxygen and hydrogen at low pressure on the mechanical properties of V–Cr–Ti alloys
- DiStefano, J.R., J.H. De Van, D.H. Röhrig and L.D. Chitwood, Reactions of hydrogen with V–Cr–Ti alloys
- DiStefano, J.R., see Pawel, S.J.
- DiStefano, J.R., see Strizak, J.P.
- Dmitrievsky, E., see Tebus, V.
- Doan, N.V., Interstitial cluster motion in displacement cascades
- Döbeli, M., see Deguelinbe, C.
- Döbeli, M., see Pouchon, M.A.
- Dodane-Thiriet, C., see Simeone, D.
- 283–287 (2000) 753
- 283–287 (2000) 773
- 276 (2000) 295
- 276 (2000) 221
- 276 (2000) 186
- 276 (2000) 13
- 276 (2000) 166
- 276 (2000) 235
- 276 (2000) 154
- 289 (2001) 303
- 289 (2001) 110
- 294 (2001) 315
- 294 (2001) 315
- 283–287 (2000) 10
- 290–293 (2001) 588
- 290–293 (2001) 1013
- 290–293 (2001) 935
- 275 (1999) 63
- 295 (2001) 193
- 300 (2002) 89
- 295 (2001) 42
- 283–287 (2000) 841
- 273 (1999) 102
- 296 (2001) 210
- 296 (2001) 225
- 271&272 (1999) 345
- 283–287 (2000) 763
- 289 (2001) 115
- 274 (1999) 61
- 300 (2002) 151
- Doerner, R., see Venhaus, T.
- Doerner, R., see Whyte, D.G.
- Doerner, R.P., M.J. Baldwin, R.W. Conn, A.A. Grossman, S.C. Luckhardt, R. Seraydarian, G.R. Tynan and D.G. Whyte, Measurements of erosion mechanisms from solid and liquid materials in PISCES-B
- Doerner, R.P., see Anderl, R.A.
- Doerner, R.P., see Grossman, A.
- Dohi, K., see Carter, R.G.
- Dolinski, Yu., I. Lyasota, A. Sheshtakov, Yu. Repritsev and Yu. Zouev, Heavy hydrogen isotopes penetration through austenitic and martensitic steels
- Dollinger, G., see Behrisch, R.
- Domain, C., see Becquart, C.S.
- Domain, C., see Becquart, C.S.
- Domain, C., see Souidi, A.
- Domizzi, G., G. Vigna, S. Bermúdez and J. Ovejero-García, Hydride distribution around a blister in Zr–2.5Nb pressure tubes
- Donahue, E., see Spätić, P.
- Donahue, E.G., G.R. Odette and G.E. Lucas, A physically based constitutive model for a V–4Cr–4Ti alloy
- Donahue, E.G., G.R. Odette and G.E. Lucas, On the mechanisms and mechanics of fracture toughness of a V–4Cr–4Ti alloy
- Donato, A., see Colombo, P.
- Donato, A., see La Barbera, A.
- Dong, S., see Lee, S.P.
- Doriath, J.-Y., see Porta, J.
- Doroshin, A., see Ohyabu, N.
- Dose, V., R. Preuss and J. Roth, Evaluation of chemical erosion data for carbon materials at high ion fluxes using Bayesian probability theory
- Douglas, K., see Esteban, G.A.
- Douglas, K., see Esteban, G.A.
- Douglas, K., see Esteban, G.A.
- Drogayev, O.V., see Chyrko, L.I.
- Druetta, M., see Reichle, R.
- Druzhkov, A.P., see Arbuzov, V.L.
- Druzhkov, A.P., see Arbuzov, V.L.
- Du, J., see Ye, B.
- Dua, A.K., see Pillai, C.G.S.
- Dubinko, V.I., A.A. Turkin, D.I. Vainshtein and H.W. den Hartog, Theory of the late stage of radiolysis of alkali halides
- Dubinko, V.I., A.A. Turkin, D.I. Vainshtein and H.W. den Hartog, New mechanism for radiation defect production and
- 290–293 (2001) 505
- 290–293 (2001) 356
- 290–293 (2001) 166
- 273 (1999) 1
- 290–293 (2001) 80
- 298 (2001) 211
- 283–287 (2000) 854
- 281 (2000) 42
- 280 (2000) 73
- 294 (2001) 274
- 295 (2001) 179
- 275 (1999) 255
- 283–287 (2000) 721
- 283–287 (2000) 637
- 283–287 (2000) 518
- 278 (2000) 127
- 294 (2001) 223
- 289 (2001) 30
- 274 (1999) 153
- 283–287 (2000) 1297
- 288 (2001) 153
- 281 (2000) 34
- 295 (2001) 49
- 300 (2002) 1
- 279 (2000) 162
- 290–293 (2001) 701
- 283–287 (2000) 849
- 295 (2001) 273
- 281 (2000) 112
- 288 (2001) 87
- 277 (2000) 184

- aggregation in crystalline ceramics
- Dubkov, V.P., see Markin, A.V.
- Dubourg, R. and P. Taylor, A qualitative comparison of barium behaviour in the PHEBUS FPT0 test and analytical tests
- Dubuisson, P., see Simeone, D.
- Dudziak, D.J., see Barnett, M.H.
- Dudziak, D.J., see Zheng, Y.
- Dufour, C., see Gibert-Mougel, C.
- Dugne, O., see Bonino, O.
- Dugne, O., see Serrano, K.
- Duh, T.S., J.J. Kai and F.R. Chen, Effects of grain boundary misorientation on solute segregation in thermally sensitized and proton-irradiated 304 stainless steel
- Duh, T.S., J.J. Kai, F.R. Chen and L.H. Wang, Numerical simulation modeling on the effects of grain boundary misorientation on radiation-induced solute segregation in 304 austenitic stainless steels
- Dumas, J.C., see Chauvin, N.
- Dupin, N., I. Ansara, C. Servant, C. Toffolon, C. Lemaignan and J.C. Brachet, A thermodynamic database for zirconium alloys
- Duraud, J.P., see Bois, L.
- Duriez, C., J.-P. Alessandri, T. Gervais and Y. Philipponneau, Thermal conductivity of hypostoichiometric low Pu content $(U,Pu)O_{2-x}$ mixed oxide
- Durmazucar, H.H. and G. Gündüz, Boron coating on boron nitride coated nuclear fuels by chemical vapor deposition
- Dutfoy, A., see Bonin, B.
- Duval, B.P., see Pitts, R.A.
- Duwe, R., see Chen, J.
- Duwe, R., see Linke, J.
- Duwe, R., see Linke, J.
- Duwe, R., see Rödig, M.
- Dux, R., see Pugno, R.
- Duxbury, G., see Hillis, D.L.
- Dvoriashin, A.M., S.I. Porollo, Yu.V. Konobeev and F.A. Garner, Influence of cold work to increase swelling of pure iron irradiated in the BR-10 reactor to ~6 and ~25 dpa at ~400 °C
- Dvoriashin, A.M., see Porollo, S.I.
- Dyomina, E.V., see Ivanov, L.I.
- Eatherly, W.S., see Snead, L.L.
- Ebert, W.L. and S.F. Wolf, An interlaboratory study of a stan-
- 289 (2001) 86
283–287 (2000) 1094
- 294 (2001) 32
277 (2000) 1
296 (2001) 54
296 (2001) 61
295 (2001) 121
294 (2001) 305
282 (2000) 137
- 283–287 (2000) 198
- 294 (2001) 267
274 (1999) 91
- 275 (1999) 287
277 (2000) 57
- 277 (2000) 143
- 282 (2000) 239
281 (2000) 1
290–293 (2001) 940
298 (2001) 248
283–287 (2000) 1152
290–293 (2001) 1102
283–287 (2000) 1161
290–293 (2001) 308
290–293 (2001) 418
- 283–287 (2000) 157
283–287 (2000) 239
271&272 (1999) 405
- 283–287 (2000) 545
- dard glass for acceptance testing of low-activity waste glass
- Eckstein, W., Dynamic behaviour of the systems Be-C, Be-W and C-W
- Eckstein, W., see Bastasz, R.
- Eckstein, W., see Schmid, K.
- Eckstein, W., see Zehr, R.A.
- Edelmann, C., see Behrisch, R.
- Edwards, A.D., see Was, G.S.
- Edwards, D.J., see Fabritsiev, S.A.
- Edwards, D.J., see Li, M.
- Edwards, D.J., see Pokrovsky, A.S.
- Edwards, D.J., see Singh, B.N.
- Edwards, D.J., see Singh, B.N.
- Edwards, D.J., see Xu, Q.
- Edwards, R.A.H., see Malara, C.
- Egorov, S., see Pautasso, G.
- Ehmller, H., see Grigull, P.
- Ehmller, H., see McCormick, K.
- Ehrlich, K., E.E. Bloom and T. Kondo, International strategy for fusion materials development
- Ehrlich, K., see Kohyama, A.
- Eich, Th., D. Reiser and K.H. Fincken, Transport modelling of TEXTOR-DED laminar zone
- Eiholzer, C.R., see Garner, F.A.
- Eklund, U.-B., see Röllin, S.
- Eklund, U.B., see Ramebäck, H.
- Ekman, M., K. Persson and G. Grimvall, Phase diagram and lattice instability in tungsten-rhenium alloys
- Elder, J.D., see Coad, J.P.
- Elder, J.D., see Fundamenski, W.
- Elder, J.D., see Haddad, E.
- Elder, J.D., see Stangeby, P.C.
- Eldrup, M. and B.N. Singh, Study of defect annealing behaviour in neutron irradiated Cu and Fe using positron annihilation and electrical conductivity
- Eldrup, M., see Singh, B.N.
- El-Genk, M.S. and J.-M. Tournier, Estimates of helium gas release in $^{238}\text{PuO}_2$ fuel particles for radioisotope heat sources and heater units
- El-Genk, M.S., see Veilleux, J.M.
- Elio, F., see Ioki, K.
- Eliseeva, O.I., V.N. Fedirko, V.M. Chernov and L.P. Zavialsky, Corrosion of V-Ti-Cr alloys in liquid lithium: influence of alloy composition and concentration of nitrogen in lithium
- Em, V., see Lee, J.-S.
- Em, V., see Seong, B.-S.
- Emery, J., see Pichot, E.
- Emmoth, B., see Rubel, M.
- 282 (2000) 112
- 281 (2000) 195
290–293 (2001) 19
290–293 (2001) 148
290–293 (2001) 162
281 (2000) 42
300 (2002) 198
283–287 (2000) 523
283–287 (2000) 977
283–287 (2000) 404
295 (2001) 1
299 (2001) 205
283–287 (2000) 1229
273 (1999) 203
290–293 (2001) 1045
290–293 (2001) 1009
290–293 (2001) 920
- 283–287 (2000) 79
- 271&272 (1999) 538
- 290–293 (2001) 849
283–287 (2000) 380
297 (2001) 231
277 (2000) 288
- 278 (2000) 273
- 290–293 (2001) 224
290–293 (2001) 593
278 (2000) 111
290–293 (2001) 733
- 276 (2000) 269
295 (2001) 1
- 280 (2000) 1
277 (2000) 315
283–287 (2000) 957
- 283–287 (2000) 1282
280 (2000) 116
277 (2000) 274
289 (2001) 219
283–287 (2000) 1089

- | | | | | | |
|--|----------------|------------|--|----------------|------|
| Endler, M., see García-Cortés, I. | 290–293 (2001) | 604 | isotope diffusive transport parameters in pure polycrystalline tungsten | 295 (2001) | 49 |
| English, C.A., see Carter, R.G. | 298 (2001) | 211 | | | |
| Enke, M., see Hilscher, D. | 296 (2001) | 83 | | | |
| Ennaceur, M.M. and B. Terreault, XPS study of the process of oxygen gettering by thin films of PACVD boron | 280 (2000) | 33 | | | |
| Enoeda, M., see Hatano, T. | 283–287 (2000) | 685 | | | |
| Epov, G.A., see Pechenkin, V.A. | 271&272 (1999) | 266 | | | |
| Erak, D.Y., see Kuleshova, E.A. | | 300 (2002) | 127 | 300 (2002) | 1 |
| Eral, M., see Altas, Y. | | 294 (2001) | 344 | 290–293 (2001) | 748 |
| Eral, M., see Tel, H. | | 275 (1999) | 146 | 283–287 (2000) | 1023 |
| Eremin, S.G., see Bibilashvili, Yu.K. | | 280 (2000) | 106 | 283–287 (2000) | 622 |
| Erents, K., see Strachan, J.D. | 290–293 (2001) | 972 | Eto, M., see Saito, S. | 283–287 (2000) | 593 |
| Erents, S.K., see Chankin, A.V. | 290–293 (2001) | 518 | Etoh, Y., see Une, K. | 278 (2000) | 54 |
| Erents, S.K., see Coad, J.P. | 290–293 (2001) | 224 | Etxeberria, J., see Balden, M. | 290–293 (2001) | 52 |
| Erents, S.K., see Fundamenski, W. | 290–293 (2001) | 593 | Evanov, A.A., see Kurnaev, V.A. | 290–293 (2001) | 112 |
| Erents, S.K., see García-Cortés, I. | 290–293 (2001) | 604 | Evanov, A.A., V.A. Kurnaev, D.V. | | |
| Erents, S.K., see Matthews, G.F. | 290–293 (2001) | 668 | Levchuk and A.A. Pisarev, | | |
| Erents, S.K., see Stamp, M.F. | 290–293 (2001) | 321 | Trapping of deuterium by niobium at eV ion bombardment energies | | |
| Ertl, K., see Alimov, V.Kh. | 282 (2000) | 125 | | | |
| Ertl, K., see Alimov, V.Kh. | 290–293 (2001) | 389 | | | |
| Erwin, K.T., O. Delaire, A.T. Motta, Y.S. Chu, D.C. Mancini and R.C. Birtcher, Observation of second-phase particles in bulk zirconium alloys using synchrotron radiation | 294 (2001) | 299 | Evans, J.H., Comments on 'Thermal treatment of uranium oxide irradiated in pressurized water reactor: swelling and release of fission gases' by I. Zacharie, S. Lansiart, P. Combette, M. Trotabas, M. Coster and M. Groos, | 271&272 (1999) | 330 |
| Esaka, H., see Tamura, M. | 283–287 (2000) | 667 | Evans, T.E., see Allen, S.L. | 275 (1999) | 108 |
| Escarguel, A., R. Guirlet, A. Azéroual, B. Pégourié, J. Gunn, T. Loarer, H. Capes, Y. Corre, C. DeMichelis, L. Godbert-Mouret, M. Koubiti, M. Mattioli and R. Stamm, Spectral profile analysis of the D α line in the divertor region of Tore-Supra | 290–293 (2001) | 854 | Evans, T.E., see Mahdavi, M.A. | 290–293 (2001) | 995 |
| Escarguel, A., see Corre, Y. | 290–293 (2001) | 250 | Evans, T.E., see West, W.P. | 290–293 (2001) | 905 |
| Escarguel, A., see Guirlet, R. | 290–293 (2001) | 872 | Evtikhin, V.A., I.E. Lyublinski, A.V. Vertkov, V.G. Belan, I.K. Konkashbaev and L.B. Nikandrov, Calculation and experimental investigation of fusion reactor divertor plate and first wall protection by capillary-pore systems with lithium | 290–293 (2001) | 783 |
| Escourbiac, F., see Chappuis, Ph. | 283–287 (2000) | 1081 | Evtikhin, V.A., see Khripunov, B.I. | 271&272 (1999) | 396 |
| Escourbiac, F., see Merola, M. | 283–287 (2000) | 1068 | Ewing, R.C., see Begg, B.D. | 290–293 (2001) | 201 |
| Espinosa, F.J., see Hess, N.J. | 281 (2000) | 22 | Ewing, R.C., see Chen, F. | 278 (2000) | 212 |
| Esser, H.G., see Ihde, J. | 290–293 (2001) | 1180 | Ewing, R.C., see Chen, F. | 275 (1999) | 81 |
| Esser, H.G., see Mayer, M. | 290–293 (2001) | 381 | Ewing, R.C., see Fayek, M. | 278 (2000) | 225 |
| Esser, H.G., see Philippss, V. | 290–293 (2001) | 1190 | Ewing, R.C., see Gong, W.L. | 277 (2000) | 204 |
| Esser, H.G., see Wienhold, P. | 290–293 (2001) | 362 | Ewing, R.C., see Gong, W.L. | 277 (2000) | 239 |
| Esteban, F., see Gómez Briceño, D. | 296 (2001) | 265 | Ewing, R.C., see Gu, B.X. | 278 (2000) | 73 |
| Esteban, G.A., A. Perujo, K. Douglas and L.A. Sedano, Tritium diffusive transport parameters and trapping effects in the reduced activating martensitic steel OPTIFER-IVb | 281 (2000) | 34 | Ewing, R.C., see Gu, B.X. | 278 (2000) | 64 |
| Esteban, G.A., A. Perujo, L.A. Sedano and B. Mancinelli, The surface rate constants of deuterium in the reduced activating martensitic steel OPTIFER-IVb | 282 (2000) | 89 | Ewing, R.C., see Lian, J. | 297 (2001) | 345 |
| Esteban, G.A., A. Perujo, L.A. Sedano and K. Douglas, Hydrogen | | | Ewing, R.C., see Meldrum, A. | 297 (2001) | 89 |
| | | | Ewing, R.C., see Wang, L.M. | 300 (2002) | 242 |
| | | | Ewing, R.C., see Wang, S.X. | 289 (2001) | 122 |
| | | | Ezato, K., see Sato, K. | 278 (2000) | 233 |
| | | | Ezawa, T., E. Wakai and R. Oshima, Radiation-induced segregation in model alloys | 283–287 (2000) | 1157 |
| | | | Fabian, P.E., see Humer, K. | 283–287 (2000) | 244 |
| | | | Fabritsiev, S.A. and A.S. Pokrovsky, Radiation resistance of weld | 283–287 (2000) | 973 |

- joints of type 316 stainless steel containing about 10 appm He
- Fabritsiev, S.A., A.S. Pokrovsky, D.J. Edwards, S.J. Zinkle and A.F. Rowcliffe, Effect of high-dose neutron irradiation on the mechanical properties and structure of copper alloys and Cu/SS joints for ITER applications
- Fabritsiev, S.A., see Belyakov, V.A.
- Fabritsiev, S.A., see Pokrovsky, A.S.
- Fabry, A., see Van Ouytsel, K.
- Falter, H.-D., see Menhart, S.
- Fan, H.Y., see Gao, X.
- Fan, Y., see Ye, B.
- Fantz, U., D. Reiter, B. Heger and D. Coster, Hydrogen molecules in the divertor of ASDEX Upgrade
- Fantz, U., see Heger, B.
- Farnum, E., see Yamamoto, S.
- Farrell, K. and T.S. Byun, Tensile properties of candidate SNS target container materials after proton and neutron irradiation in the LANSCE accelerator
- Farrell, K., R.E. Stoller, P. Jung and H. Ullmaier, Hardening of ferritic alloys at 288 °C by electron irradiation
- Farrell, K., see Byun, T.S.
- Farrell, K., see Byun, T.S.
- Farrell, K., see Lee, E.H.
- Farrell, K., see Lee, E.H.
- Fatemi, M., see Regan, T.M.
- Fattorini, L., see Spolaore, M.
- Faulkner, R.G., D.J. Bacon, S. Song and P.E.J. Flewitt, Neutron energy spectrum and temperature effects on freely migrating defect concentrations and grain boundary segregation in α -Fe
- Faulkner, R.G., see Song, S.-H.
- Faulkner, R.G., S. Song and P.E.J. Flewitt, Radiation-induced inter-granular segregation in first wall fusion reactor materials
- Fauske, H.K., see Haschke, J.M.
- Fayek, M., P. Burns, Y.-X. Guo and R.C. Ewing, Micro-structures associated with uraninite alteration
- Fazio, C., G. Benamati, C. Martini and G. Palombarini, Compatibility tests on steels in molten lead and lead–bismuth
- Fazio, C., K. Stein-Fechner, E. Serra, H. Glasbrenner and G. Benamati, Investigation on the suitability of plasma sprayed Fe–Cr–Al coatings as tritium permeation barrier
- Fazio, C., see Barbier, F.
- Febvre, M., see Chappuis, Ph.
- Federici, G., see Anderl, R.A.
- Federici, G., see Arkhipov, I.I.
- Federici, G., see Barabash, V.
- Federici, G., see Counsell, G.F.
- Federici, G., J.N. Brooks, D.P. Coster, G. Janeschitz, A. Kukushkin, A. Loarte, H.D. Pacher, J. Stober and C.H. Wu, Assessment of erosion and tritium codeposition in ITER-FEAT
- Federici, G., J.P. Coad, A.A. Haasz, G. Janeschitz, N. Noda, V. Philippis, J. Roth, C.H. Skinner, R. Tivey and C.H. Wu, Critical plasma–wall interaction issues for plasma-facing materials and components in near-term fusion devices
- Fedirko, V.N., see Eliseeva, O.I.
- Fedoseev, A.E., see Shamardin, V.K.
- Fedotov, V., see Kalin, B.
- Felter, T., see Caturla, M.-J.
- Feng, Y., see König, R.W.T.
- Feng, Y., see McCormick, K.
- Fenici, P., see Hasegawa, A.
- Fenstermacher, M.E., see Allen, S.L.
- Fenstermacher, M.E., see Leonard, A.W.
- Fenstermacher, M.E., see Mahdavi, M.A.
- Fenstermacher, M.E., see Osborne, T.H.
- Fenstermacher, M.E., see Owen, L.W.
- Fenstermacher, M.E., see Petrie, T.W.
- Fenstermacher, M.E., see West, W.P.
- Fenstermacher, M.E., T.H. Osborne, T.W. Petrie, R.J. Groebner, C.J. Lasnier, R.J. La Haye, A.W. Leonard, G.D. Porter, J.G. Watkins and DIII-D Team, Performance of high triangularity plasmas as the volume of the secondary divertor is varied in DIII-D
- Ferguson, P.D., see Garner, F.A.
- Ferguson, P.D., see Hamilton, M.L.
- Ferguson, P.D., see Sencer, B.H.
- Fernández, G.E. and G. Meyer, A reaction–diffusion analysis of the
- 283–287 (2000) 1215
 283–287 (2000) 523
 283–287 (2000) 962
 283–287 (2000) 404
 279 (2000) 51
 290–293 (2001) 673
 279 (2000) 330
 281 (2000) 112
 290–293 (2001) 367
 290–293 (2001) 413
 283–287 (2000) 60
 296 (2001) 129
 279 (2000) 77
 294 (2001) 256
 298 (2001) 269
 281 (2000) 65
 296 (2001) 183
 300 (2002) 47
 290–293 (2001) 729
 271&272 (1999) 1
 280 (2000) 162
 283–287 (2000) 147
 279 (2000) 127
 277 (2000) 204
 296 (2001) 243
 273 (1999) 233
 295 (2001) 149
 283–287 (2000) 1081
 273 (1999) 1
 290–293 (2001) 394
 283–287 (2000) 138
 290–293 (2001) 255
 290–293 (2001) 260
 283–287 (2000) 110
 283–287 (2000) 1282
 271&272 (1999) 155
 271&272 (1999) 410
 276 (2000) 186
 290–293 (2001) 882
 290–293 (2001) 920
 283–287 (2000) 128
 290–293 (2001) 995
 290–293 (2001) 1097
 290–293 (2001) 905
 290–293 (2001) 1013
 290–293 (2001) 464
 290–293 (2001) 935
 290–293 (2001) 783
 290–293 (2001) 588
 296 (2001) 66
 283–287 (2000) 418
 283–287 (2000) 324

- hydriding kinetics of zirconium-based alloys 296 (2001) 256
- Fernández, P., see Lapeña, J. 283–287 (2000) 1192
- Ferrara, D., see Filacchioni, G. 283–287 (2000) 1434
- Ferraris, M., see Katoh, Y. 279 (2000) 167
- Ferraz, W.B., see Sabioni, A.C.S. 283–287 (2000) 1262
- Ferron, J.R., see Baylor, L.R. 278 (2000) 364
- Feuerstein, H., see Perujo, A. 290–293 (2001) 398
- Fiedler, S., see König, R.W.T. 283–287 (2000) 1292
- Fiedler, S., see McCormick, K. 290–293 (2001) 882
- Fielding, S.J., R.H. Cohen, P. Helander and D.D. Ryutov, Divertor target heat load reduction by electrical biasing, and application to COMPASS-D 290–293 (2001) 920
- Fielitz, P., V. Naundorf and H. Wollenberger, Atom transport efficiency in heavy ion irradiated metals 279 (2000) 859
- Filacchioni, G., E. Casagrande, U. De Angelis, G. De Santis, D. Ferrara and L. Pilloni, Tensile and impact behaviour of BATMAN II steels, Ti-bearing reduced activation martensitic alloys 271&272 (1999) 52
- Filges, D., see Hilscher, D. 271&272 (1999) 445
- Filin, V., see Tebus, V. 296 (2001) 83
- Finch, R.J., see Burns, P.C. 271&272 (1999) 345
- Fink, D., see Vacík, J. 278 (2000) 290
- Fink, J.K., Thermophysical properties of uranium dioxide 289 (2001) 308
- Finken, K.H., A. Krämer-Flecken, G. Mank and S.S. Abdullaev, Thermal load distribution on the ALT-II limiter of TEXTOR-94 during disruptions 279 (2000) 1
- Finken, K.H., see Eich, Th. 290–293 (2001) 1064
- Finken, K.H., see Ghendrih, Ph. 290–293 (2001) 849
- Finken, K.H., see Mank, G. 290–293 (2001) 798
- Finken, K.H., see Matsuyama, M. 290–293 (2001) 910
- Finken, K.H., see Miyasaka, K. 290–293 (2001) 437
- Fischer, E., see Chevalier, P.-Y. 290–293 (2001) 448
- Fischer, E., see Chevalier, P.Y. 280 (2000) 136
- Fischer, R., see Langer, U. 288 (2001) 100
- Fischer, U., S. Herring, A. Hogenbirk, D. Leichtle, Y. Nagao, B.J. Pijlgroms and A. Ying, Comparison of nuclear irradiation parameters of fusion breeder materials in high flux fission test reactors and a fusion power demonstration reactor 290–293 (2001) 658
- Fisher, S.B., see White, R.J. 280 (2000) 151
- FitzPatrick, J., see Veilleux, J.M. 288 (2001) 43
- Flewitt, P.E.J., see Faulkner, R.G. 277 (2000) 315
- Flewitt, P.E.J., see Faulkner, R.G. 271&272 (1999) 1
- Flewitt, P.E.J., see Gao, F. 283–287 (2000) 147
- Flewitt, P.E.J., see Song, S.-H. 276 (2000) 213
- Floßdorf, T., see Chen, J. 280 (2000) 162
- Fluss, M.J., see Caturla, M.-J. 298 (2001) 248
- Foigt, J., see Nicaise, G. 276 (2000) 186
- Fontes, A., see Alamo, A. 296 (2001) 256
- Forrest, R.A., see Richter, D. 283–287 (2000) 1192
- Fortis, A.M. and H.C. González, The initial transient of the irradiation growth in a zirconium alloy 283–287 (2000) 301
- Fortis, A.M., see González, H.C. 279 (2000) 360
- Fortov, V.E., see Winter, J. 290–293 (2001) 509
- Forty, C.B.A. and P.J. Karditsas, Uses of zirconium alloys in fusion applications 283–287 (2000) 607
- Forty, C.B.A., Compositional optimisation of silicon carbide for various fusion blanket designs 283–287 (2000) 1443
- Forty, C.B.A., see Taylor, N.P. 283–287 (2000) 28
- Foster, J.P., see Gilbert, E.R. 298 (2001) 321
- Foster, J.P., see Gilbert, E.R. 300 (2002) 90
- Fotedar, R., see Shukla, S.V. 273 (1999) 130
- Fouletier, J., see Ghetta, V. 296 (2001) 295
- Fourrest, B., see Hubert, S. 297 (2001) 206
- Fourrest, B., T. Vincent, G. Lagarde, S. Hubert and P. Baudoin, Long-term behaviour of a thorium-based fuel 282 (2000) 180
- Fraboulet, D., see Nguyen, F. 278 (2000) 117
- Fraguas, A.L., see de la Cal, E. 290–293 (2001) 579
- François, M., see Girard, E. 294 (2001) 330
- Francillette, H., see Castelnau, O. 297 (2001) 14
- Franklin, D.G., see Hillner, E. 278 (2000) 334
- Franz, P., see Spizzo, G. 290–293 (2001) 1018
- Franzen, P., see Menhart, S. 290–293 (2001) 673
- Fray, D.J., see Volkovich, V.A. 282 (2000) 152
- Fredric, J.P., see Bourgeois, L. 295 (2001) 73
- Freiesleben, H., see Richter, D. 283–287 (2000) 1434
- Friant, C., see Zabiégo, M. 290–293 (2001) 985
- Frichet, A., see Barberis, P. 273 (1999) 182
- Frichet, A., see Vermoyal, J.J. 298 (2001) 297
- Friedrich, M., see Behrisch, R. 281 (2000) 42
- Friend, M.E., see Allen, S.L. 290–293 (2001) 995
- Friend, M.E., see Mahdavi, M.A. 290–293 (2001) 905
- Frolov, V., see Kapychev, V. 283–287 (2000) 1429
- Früh, R., see Paratte, J.M. 274 (1999) 120
- Fründ, J.M., see Wagner, D. 300 (2002) 178
- Fuchs, J.C., D. Coster, A. Herrmann, A. Kallenbach, K.F. Mast and ASDEX Upgrade Team, Radiation distribution and power balance in the ASDEX Upgrade LYRA divertor 290–293 (2001) 525
- Fuchs, J.C., see Herrmann, A. 290–293 (2001) 619
- Fuchs, J.C., see Pautasso, G. 290–293 (2001) 1045
- Fujii, K., see Kawatsura, K. 271&272 (1999) 11
- Fujii, K., see Mitamura, T. 271&272 (1999) 15
- Fujii, K., see Mitamura, T. 271&272 (1999) 21
- Fujino, K., see Ashida, K. 290–293 (2001) 42
- Fujino, T. and N. Sato, Theoretical oxygen potential change of quaternary solid solution, $A_y^{2+}B_z^{3+}U_{1-y-z}O_{2+x}$, by configurational entropy calculation 282 (2000) 232

- Fujino, T., K. Park, N. Sato and M. Yamada, Thermodynamics of $(\text{Mg},\text{Ce},\text{U})\text{O}_{2+x}(x \geq 0)$ solid solutions 283–287 (2000) 263

Fujino, T., N. Sato, K. Yamada, M. Okazaki, K. Fukuda, H. Serizawa and T. Shiratori, Oxygen potential and defect structure of the solid solution, $\text{Mg}-\text{Gd}-\text{UO}_2$ 271&272 (1999) 301

Fujino, T., N. Sato, K. Yamada, S. Nakama, K. Fukuda, H. Serizawa and T. Shiratori, Thermodynamics of the UO_2 solid solution with magnesium and europium oxides 283–287 (2000) 234

Fujino, T., T. Shiratori, N. Sato, K. Fukuda, K. Yamada and H. Serizawa, Post-irradiation examination of high burnup Mg doped UO_2 in comparison with undoped UO_2 , $\text{Mg}-\text{Nb}$ doped UO_2 and Ti doped UO_2 271&272 (1999) 365

Fujino, T., Y. Hoshi, N. Sato and K. Yamada, Wet precipitate method for mixing magnesium and uranium in preparation of $\text{Mg}_y\text{U}_{1-y}\text{O}_{2+x}$ solid solution 283–287 (2000) 291

Fujita, H., see Takagi, I. 283–287 (2000) 291

Fujita, M., see Tsuji, H. 290–293 (2001) 454

Fujitsuka, M., B. Tsuchiya, I. Mutoh, T. Tanabe and T. Shikama, Effect of neutron irradiation on thermal diffusivity of tungsten–rhenium alloys 271&272 (1999) 535

Fujiwara, M., M. Satou, A. Hasegawa and K. Abe, Oxidation and hardness profile of V-Ti-Cr-Si-Al-Y alloys 271&272 (1999) 535

Fujiwara, M., see Ukai, S. 271&272 (1999) 535

Fujiwara, T., see Hirai, T. 271&272 (1999) 535

Fujiwara, T., see Hirai, T. 271&272 (1999) 535

Fukai, K., see Miwa, Y. 271&272 (1999) 535

Fukai, K., see Nakata, K. 271&272 (1999) 535

Fukaya, K., see Johnson, W.R. 271&272 (1999) 535

Fukaya, K., see Saito, S. 271&272 (1999) 535

Fuks, L. and C. Degueldre, Optical properties of γ -irradiated synthetic sapphire and yttria-stabilized zirconia spectroscopic windows 271&272 (1999) 535

Fukuda, K., see Fujino, T. 271&272 (1999) 535

Fukuda, K., see Fujino, T. 271&272 (1999) 535

Fukuda, K., see Fujino, T. 271&272 (1999) 535

Fukuda, K., see Nogita, K. 271&272 (1999) 535

Fukuda, K., see Yasuda, K. 271&272 (1999) 535

Fukuda, T., M. Sagisaka, Y. Isobe, A. Hasegawa, M. Sato, K. Abe, Y. Nishida, T. Kamada and Y. Kaneshima, Microstructural changes of austenitic steels caused by proton irradiation under various conditions 271&272 (1999) 535

Fukumoto, K., see Candra, Y. 271&272 (1999) 535

Fukumoto, K., see Hayashi, T. 271&272 (1999) 535

Fukumoto, K., see Nita, N. 271&272 (1999) 535

Fukumoto, K., see Nita, N. 271&272 (1999) 535

Fukumoto, K., see Tsai, H. 271&272 (1999) 535

Fukumoto, K.-i., H. Matsui, H. Tsai and D.L. Smith, Mechanical behavior and microstructural evolution of vanadium alloys irradiated in ATR-A1 271&272 (1999) 535

Fukumoto, K.-i., H. Matsui, Y. Candra, K. Takahashi, H. Sasanuma, S. Nagata and K. Takahiro, Radiation-induced precipitation in V-(Cr,Fe)-Ti alloys irradiated at low temperature with low dose during neutron or ion irradiation 271&272 (1999) 535

Fukumoto, N., see Ogawa, T. 271&272 (1999) 535

Fukushima, H., K. Ochiai and Y. Shimomura, Voids in fast-neutron-irradiated Cu, Ni and Cu-Ni concentrated alloys studied by TEM and positron annihilation methods 271&272 (1999) 535

Fukushima, H., see Kirk, M.A. 271&272 (1999) 535

Fukuya, K., see Kawano, S. 271&272 (1999) 535

Fukuya, K., see Morisawa, J. 271&272 (1999) 535

Fukuzato, K., see Ohkubo, H. 271&272 (1999) 535

Fukuzawa, T., see Nagakawa, J. 271&272 (1999) 535

Funaba, H., see Masuzaki, S. 271&272 (1999) 535

Fundamenski, W., S.K. Erents, G.F. Matthews, A.V. Chankin, V. Riccardo, P.C. Stangeby and J.D. Elder, Analysis of SOL behaviour in JET MkIIGB using an advanced onion-skin solver (OSM2) 271&272 (1999) 535

Fundamenski, W., see Groth, M. 271&272 (1999) 535

Fundamenski, W., see Itami, K. 271&272 (1999) 535

Fundamenski, W., see Matthews, G.F. 271&272 (1999) 535

Fundamenski, W., see Stamp, M.F. 271&272 (1999) 535

Fundamenski, W., see Strachan, J.D. 271&272 (1999) 535

Fundamenski, W., see Summers, D.R. 271&272 (1999) 535

Funk, L., see Giacobbe, M.J. 271&272 (1999) 535

Funk, L., see Iwase, A. 271&272 (1999) 535

Funke, F., see Cordfunke, E.H.P. 271&272 (1999) 535

Furno, I., see Pitts, R.A. 271&272 (1999) 535

Furuno, S., see Muto, S. 271&272 (1999) 535

Furusaka, M., see Kawai, M. 271&272 (1999) 535

Furutani, G., N. Nakajima, T. Konishi and M. Kodama, Stress corrosion cracking on irradiated 316 stainless steel 271&272 (1999) 535

Furuya, H., see Arima, T. 271&272 (1999) 535

Furuya, H., see Inagaki, Y. 271&272 (1999) 535

- Furuya, H., see Maeda, T.
- Furuya, H., see Sato, I.
- Furuya, K., see Song, M.
- Furuya, K., see Xie, G.
- Furuya, T., see Kakiuchi, K.
- Fussmann, G., see Koch, B.
- Fütterer, M.A., G. Aiello, F. Barbier, L. Giancarli, Y. Poitevin, P. Sardain, J. Szczepanski, A. Li Puma, G. Ruvutuso and G. Vella, On the use of tin–lithium alloys as breeder material for blankets of fusion power plants
- Fütterer, M.A., see Conrad, R.
- Fütterer, M.A., see Ogorodnikova, O.V.
- Gabriel, T.A., see Mansur, L.K.
- Gac, F.D., see James, M.R.
- Gadelmeier, F., see Grigull, P.
- Gafert, J., see Pugno, R.
- Gaillard, C., N. Chevarier, C. Den Auwer, N. Millard-Pinard, P. Delichère and Ph. Sainsot, Study of mechanisms involved in thermal migration of molybdenum and rhenium in apatites
- Galin, J., see Hilscher, D.
- Gamaoun, F., see Ghetta, V.
- Gan, J. and G.S. Was, Erratum to ‘Microstructure evolution in austenitic Fe–Cr–Ni alloys irradiated with protons: comparison neutron-irradiated microstructures’ [J. Nucl. Mater. 297 (2001) 161–175]
- Gan, J. and G.S. Was, Microstructure evolution in austenitic Fe–Cr–Ni alloys irradiated with rotons: comparison with neutron-irradiated microstructures
- Gan, J., G.S. Was and R.E. Stoller, Modeling of microstructure evolution in austenitic stainless steels irradiated under light water reactor condition
- Gan, J., see Was, G.S.
- Gan, Y., see Steward, R.V.
- Gan, Y.X., H.A. Aglan, R.V. Steward, B.A. Chin and M.L. Grossbeck, Microstructure-fracture toughness relationship of vanadium alloy/stainless steel brazed joints
- Gan, Y.X., see Aglan, H.
- Gan, Y.X., see Aglan, H.A.
- Gangadhara, S., B. LaBombard and C. MacLatchy, Impurity transport experiments in the edge plasma of Alcator C-Mod using gas injection plumes
- Gangadharan, S., see Kumar, P.V.K.
- Ganguly, C., see Balakrishna, P.
- Gao, F., D.J. Bacon, L.M. Howe and C.B. So, Temperature-dependence of defect creation and clustering by displacement cascades in α -zirconium
- Gao, F., D.J. Bacon, Yu.N. Ossetsky, P.E.J. Flewitt and T.A. Lewis, Properties and evolution of sessile interstitial clusters produced by displacement cascades in α -iron
- Gao, F., see Bacon, D.J.
- Gao, F., see Ossetsky, Yu.N.
- Gao, X., J.R. Luo, Y.P. Zhao, N. Qiu, Y.X. Jie, Y. Yang, C.Y. Xia, B.N. Wan, G.L. Kuang, X.D. Zhang, J.G. Li, F.X. Yin, X.N. Liu, X.Z. Gong, S.Y. Zhang, J.Y. Zhao, L.Q. Hu, Z.W. Wu, Y.D. Li, K. Yang, Y. Bao, W.W. Ye, L. Chen, H.Y. Fan, S.X. Liu, Y.F. Chen, B.L. Lin, Y.H. Xu, Y.J. Shi, M. Song, X.M. Zhang, M.S. Wei, M. Zeng, A.G. Xie, N.Z. Cui, H.L. Ruan, L. Wang, B. Sheng, S. Liu, X.D. Tong, X.M. Gu, J.S. Mao, J.K. Xie and Y.X. Wan, MARFE phenomena in the HT-7 tokamak
- Gao, X., see Xie, J.K.
- Garbet, X., see Devynck, P.
- García-Mazáro, M., see Hernández-Mayoral, M.
- García-Rosales, C., see Balden, M.
- García-Rosales, C. and M. Balden, Chemical erosion of doped graphites for fusion devices
- García-Cortés, I., A. Loarte, R. Balbín, J. Bleuel, A. Chankin, S.J. Davies, M. Endler, S.K. Erents, C. Hidalgo, G.F. Matthews and H. Thomsen, Turbulent transport studies in JET edge plasmas in X -point configurations
- García-Cortés, I., see Tabarés, F.L.
- García-Matós, M., A. Moroño and E.R. Hodgson, KU1 quartz glass for remote handling and LIDAR diagnostic optical transmission systems
- García-Mazáro, M., see Hernández-Mayoral, M.
- García-Mazáro, M., M. Hernández-Mayoral and A.M. Lancha,
- 298 (2001) 163
273 (1999) 239
271&272 (1999) 200
281 (2000) 80
294 (2001) 28
290–293 (2001) 653
283–287 (2000) 1375
283–287 (2000) 1351
273 (1999) 66
296 (2001) 1
296 (2001) 139
290–293 (2001) 1009
290–293 (2001) 308
299 (2001) 43
296 (2001) 83
296 (2001) 295
298 (2001) 341
297 (2001) 161
299 (2001) 53
300 (2002) 198
283–287 (2000) 1224
299 (2001) 157
273 (1999) 192
278 (2000) 186
290–293 (2001) 598
282 (2000) 255
297 (2001) 35
294 (2001) 288
276 (2000) 213
276 (2000) 1
283–287 (2000) 784
279 (2000) 330
290–293 (2001) 1155
290–293 (2001) 584
279 (2000) 189
290–293 (2001) 52
290–293 (2001) 173
290–293 (2001) 604
290–293 (2001) 748
283–287 (2000) 890
279 (2000) 189

- Auger electron spectroscopy study of alloy 718 and 304L stainless steel irradiated with 800 MeV protons 296 (2001) 192
- Garcia, E.A. and G. Béranger, Diffusion model for the oxidation of Zircaloy-4 at 400 °C in steam. The influence of metallurgical structure (precipitates and grain size) 273 (1999) 221
- Garcia-Mazario, M., see Lapeña, J.
- Garner, F., see Maloy, S.A.
- Garner, F.A., B.M. Oliver, L.R. Greenwood, M.R. James, P.D. Ferguson, S.A. Maloy and W.F. Sommer, Determination of helium and hydrogen yield from measurements on pure metals and alloys irradiated by mixed high energy proton and spallation neutron spectra in LANSCE 296 (2001) 66
- Garner, F.A., M.B. Toloczko and B.H. Sencer, Comparison of swelling and irradiation creep behavior of fcc-austenitic and bcc-ferritic/martensitic alloys at high neutron exposure 276 (2000) 123
- Garner, F.A., M.B. Toloczko, L.R. Greenwood, C.R. Eiholzer, M.M. Paxton and R.J. Puigh, Swelling, irradiation creep and growth of pure rhenium irradiated with fast neutrons at 1030–1330 °C 283–287 (2000) 380
- Garner, F.A., see Dvorashin, A.M.
- Garner, F.A., see Hamilton, M.L.
- Garner, F.A., see Kohno, Y.
- Garner, F.A., see Oliver, B.M.
- Garner, F.A., see Porollo, S.I.
- Garner, F.A., see Sencer, B.H.
- Garner, F.A., see Toloczko, M.B.
- Garner, F.A., see Woo, C.H.
- Garner, F.A., see Yasuda, K.
- Garrido, F., see Gentils, A.
- Garrido, F., see Sattonnay, G.
- Garzarolli, F., P.B. Hoffmann and A. Seibold, Shadow corrosion or crevice corrosion? 289 (2001) 338
- Gasior, W. and Z. Moser, Thermodynamic study of liquid lithium–lead alloys using the EMF method 294 (2001) 77
- Gat, E., see Bonino, O.
- Gates, D., see Kugel, H.W.
- Gates, D., see Kugel, H.W.
- Gaudreau, B., see Van den Berghe, S.
- Gaudreau, B., see Van den Berghe, S. 290–293 (2001) 1185
- Gauthier, E., see Corre, Y.
- Gauthier, E., see Reichle, R.
- Gauthier, E., see Tsitrone, E.
- Gautier-Soyer, M., see Bois, L.
- Gautier-Soyer, M., see Bois, L.
- Gautier-Soyer, M., see Bois, L.
- Gautier-Soyer, M., see Guilbert, S.
- Gavillet, D., see Gebhardt, O.
- Gawde, P.S., see Bhanumurthy, K.
- Gawde, P.S., see Patil, R.V.
- Gazda, J., see Tsai, H.
- Géraud, A., see Bucalossi, J.
- Ge, C.-C., J.-T. Li, Z.-J. Zhou, W.-B. Cao, W.-P. Shen, M.-X. Wang, N.-M. Zhang, X. Liu and Z.-Y. Xu, Development of functionally graded plasma-facing materials 283–287 (2000) 1116
- Gebhardt, O. and D. Gavillet, SIMS imaging analyses of in-reactor irradiated boron carbide control rod samples 279 (2000) 368
- Geier, A., see Neu, R.
- Gelles, D.S., Microstructural examination of V-(3–6%)Cr-(3–5%)Ti irradiated in the ATR-A1 experiment 290–293 (2001) 206
- Gelles, D.S., On quantification of helium embrittlement in ferritic/martensitic steels 283–287 (2000) 838
- Gelles, D.S., see Greenwood, L.R.
- Gelles, D.S., see van der Schaaf, B.
- Genet, M., see Pichot, E.
- Genet, M., see Thomas, A.C.
- Genet, M., see Thomas, A.C.
- Gentile, C.A., see Shu, W.M.
- Gentile, C.A., see Skinner, C.H.
- Gentils, A., L. Thomé, J. Jagielski and F. Garrido, Concentration-triggered fission product release from zirconia: consequences for nuclear safety 290–293 (2001) 482
- Geoffroy, G., see de Carlan, Y.
- George, I.M., see Hayward, P.J.
- Gerhauser, H., R. Zagórska, H.A. Claassen and M. Lehnen, Calculation of 2D profiles for the plasma and electric field in the boundary layer of the TEXTOR-94 Tokamak 290–293 (2001) 609
- Gerhauser, H., see Lehnen, M.
- Gerhauser, H., see Rapp, J.
- Gervais, C., see Simeone, D.
- Gervais, F., see Devynck, P.
- Gervais, T., see Duriez, C.
- Gervash, A., see Kalin, B.
- Ghaleb, D., see Aertsens, M.
- Ghaleb, D., see Crocombette, J.-P.
- Ghendrih, Ph., see Corre, Y.
- Ghendrih, Ph., see Hogan, J.
- Ghendrih, Ph., see Zabiégo, M. 290–293 (2001) 1148
- 290–293 (2001) 584
- 290–293 (2001) 143
- 271&272 (1999) 410
- 290–293 (2001) 663
- 290–293 (2001) 167
- 290–293 (2001) 250
- 290–293 (2001) 628
- 290–293 (2001) 985

- Ghendrih, Ph., J. Bucalossi, P. Devynck, C. De Michelis, K.H. Finken, J. Hogan, F. Laugier, F. Nguyen, B. Pégorié, F. Saint-Laurent, B. Schunke, M. Bécoulet, L. Costanzo, Y. Corre, C. Grisolia, A. Grosman, R. Guirlet, J. Gunn, T. Loarer, P. Monier-Garbet, G. Mank, R. Reichle, J.-C. Vallet, M. Zabiégo and A. Azéroual and Tore Supra Team, Control of divertor geometry and performance of the ergodic divertor of Tore Supra 290–293 (2001) 798
- Ghendrih, Ph., see Bucalossi, J.
- Ghendrih, Ph., see Costanzo, L.
- Ghendrih, Ph., see Devynck, P.
- Ghendrih, Ph., see Grisolia, C.
- Ghendrih, Ph., see Grisolia, C.
- Ghendrih, Ph., see Grisolia, C.
- Ghendrih, Ph., see Gunn, J.P.
- Ghendrih, Ph., see Laugier, F.
- Ghendrih, Ph., see Loarer, T.
- Ghendrih, Ph., see Mank, G.
- Ghendrih, Ph., see Mitteau, R.
- Ghendrih, Ph., see Monier-Garbé, P.
- Ghendrih, Ph., see Nguyen, F.
- Ghetta, V., F. Gamaoun, J. Fouillet, M. Hénault and A. Lemoulec, Experimental setup for steel corrosion characterization in lead bath 290–293 (2001) 925
- Ghoniem, N.M., B.N. Singh, L.Z. Sun and T. Díaz de la Rubia, Interaction and accumulation of glissile defect clusters near dislocations 296 (2001) 295
- Ghoniem, N.M., see Sharafat, S.
- Ghoniem, N.M., see Sun, L.Z.
- Ghosh, A., D.D. Upadhyaya, R. Prasad and A.K. Suri, Development of CaF₂ special refractory components 299 (2001) 274
- Giacobbe, M.J., N.Q. Lam, L.E. Rehn, P.M. Baldo, L. Funk and J.F. Stubbins, Heavy-ion cascade effects on radiation-induced segregation kinetics in Cu–1%Au alloys 281 (2000) 213
- Giancarli, L., see Fütterer, M.A.
- Giannella, R., see Corre, Y.
- Giannone, L., see Grigull, P.
- Giannone, L., see McCormick, K.
- Gibert-Mougel, C., F. Couvreur, J.M. Costantini, S. Bouffard, F. Levesque, S. Hémon, E. Paumier and C. Dufour, Phase transformation of polycrystalline zirconia induced by swift heavy ion irradiation 295 (2001) 121
- Gibson, J.K., R.G. Haire and T. Ogawa, Semi-empirical models of actinide alloying 273 (1999) 139
- Gierszewski, P., see Verrall, R.A.
- Gilbert, E.R. and J.P. Foster, Dependence of the non-swellling in-reactor steady-state creep component of austenitic phase alloys on the stacking fault energy 298 (2001) 321
- Gilbert, E.R. and J.P. Foster, Erratum to ‘Dependence of the non-swellling in-reactor steady-state creep component of austenitic phase alloys on the stacking fault energy’ [J. Nucl. Mater. 298 (2001) 321–328] 300 (2002) 90
- Giles, John.W., see Regan, T.M.
- Gilligan, J.G., see Sharpe, J.P.
- Gin, S. and J.P. Mestre, SON 68 nuclear glass alteration kinetics between pH 7 and pH 11.5 290–293 (2001) 1128
- Gin, S., I. Ribet and M. Couillard, Role and properties of the gel formed during nuclear glass alteration: importance of gel formation conditions 295 (2001) 83
- Gin, S., see Jégou, C.
- Gin, S., see Vernaz, E.
- Giniatulin, R., see Kalin, B.
- Girard, E., R. Guillén, P. Weisbecker and M. François, Effect of plastic shearing on damage and texture on Zircaloy-4 cladding tubes: experimental and numerical study 298 (2001) 1
- Glasbrenner, H., J. Konys and Z. Voß, Corrosion behaviour of low activation steels in flowing Pb-17Li 280 (2000) 216
- Glasbrenner, H., J. Konys, G. Mueller and A. Rusanov, Corrosion investigations of steels in flowing lead at 400 °C and 550 °C 298 (2001) 27
- Glasbrenner, H., J. Konys, H.D. Röhrig, K. Stein-Fechner and Z. Voss, Corrosion of ferritic-martensitic steels in the eutectic Pb-17Li 271&272 (1999) 410
- Glasbrenner, H., K. Stein-Fechner and J. Konys, Scale structure of aluminised Manet steel after HIP treatment 294 (2001) 330
- Glasbrenner, H., see Benamati, G.
- Glasbrenner, H., see Fazio, C.
- Glatz, J.-P., see Bottomley, P.D.W.
- Glatz, J.P., see Serrano, J.A.
- Glazunov, G.P., E.D. Volkov, V.P. Veremeyenko, N.A. Kosik, A.A. Kutsyn, J. Langner, E. Langner, Yu.K. Mironov, N.I. Nazarov,
- 283–287 (2000) 1332
- 283–287 (2000) 1302
- 271&272 (1999) 391
- 273 (1999) 233
- 278 (2000) 136
- 294 (2001) 339

- J. Piekoszewski, M. Sadowski, J. Stanislawski and V.I. Terešin, Erosion and outgassing behavior of TiN-coated plasma facing components of the Uragan-3M torsatron 290–293 (2001) 266
- Gnanasekaran, T., Thermochemistry of binary Na–NaH and ternary Na–O–H systems and the kinetics of reaction of hydrogen/water with liquid sodium – a review 274 (1999) 252
- Gnanasekaran, T., see Anthonysamy, S.
- Gnanasekaran, T., see Joseph, K.
- Godbert-Mouret, L., see Escarguel, A.
- Godlewski, J., see Bouvier, P.
- Goetz, J., see Boivin, R.L.
- Goetz, J.A., see Boswell, C.J.
- Goetz, J.A., see Pitcher, C.S.
- Gohar, Y. and D.L. Smith, Multiplier, moderator, and reflector materials for advanced lithium–vanadium fusion blankets 290–293 (2001) 854
- Golant, K.M., see Demenkov, P.V.
- Goldenbaum, F., see Hilscher, D.
- Goldstraß, P., see Linsmeier, Ch.
- Goldstrass, P. and Ch. Linsmeier, Formation of mixed layers and compounds on beryllium due to C⁺ and CO⁺ bombardment 283–287 (2000) 1370
- Goldstrass, P., K.U. Klages and Ch. Linsmeier, Surface reactions on beryllium after carbon vapour deposition and thermal treatment 290–293 (2001) 25
- Golikov, Y., see Tebus, V.
- Goll, W., H. Spilker and E.H. Toscano, Short-time creep and rupture tests on high burnup fuel rod cladding 290–293 (2001) 76
- Golosov, O.A., see Rodchenkov, B.S.
- Golovanov, V.N., see Bibilashvili, Yu.K.
- Golovanov, V.N., see Shamardin, V.K.
- Golubeva, A.V., see Kurnaev, V.A.
- Golubeva, Z.I., see Ojovan, M.I.
- Golubov, S.I., A. Serra, Yu.N. Ossetsky and A.V. Barashev, On the validity of the cluster model to describe the evolution of Cu precipitates in Fe–Cu alloys 283–287 (2000) 1166
- Golubov, S.I., B.N. Singh and H. Trinkaus, Defect accumulation in fcc and bcc metals and alloys under cascade damage conditions – Towards a generalisation of the production bias model 277 (2000) 113
- Golubov, S.I., see Heinisch, H.L. Golubov, S.I., see Heinisch, H.L. Golubov, S.I., see Ossetsky, Yu.N. Golubov, S.I., see Trinkaus, H. Gomes, I.C., H. Tsai and D.L. Smith, Neutronics aspects of a DHCE experiment 276 (2000) 59
- Gómez Briceño, D., F.J. Martín Muñoz, L. Soler Crespo, F. Esteban and C. Torres, Behaviour of F82H mod. stainless steel in lead–bismuth under temperature gradient 271&272 (1999) 349
- Gómez Briceño, D., see Soler Crespo, L.
- Goncharenko, Yu., see Kazakov, V.A.
- Goncharenko, Yu.D., see Kazakov, V.A.
- Goncharenko, Yu.D., see Shamardin, V.K.
- Goncharov, S., see Gorshkov, A.
- Gong, W.L., S. Naz, W. Lutze, R. Busch, A. Prinja and W. Stoll, Safe disposal of surplus plutonium 271&272 (1999) 463
- Gong, W.L., W. Lutze and R.C. Ewing, Reaction sintered glass: a durable matrix for spinel-forming nuclear waste compositions 271&272 (1999) 155
- Gong, W.L., W. Lutze and R.C. Ewing, Zirconia ceramics for excess weapons plutonium waste 273 (1999) 271
- Gong, X., J. Li, B. Wan, Y. Zhao, X. Zhang, X. Gu, C. Li, M. Zhen, Y. Jie, S. Zhang, Z. Wu and HT-7 Team, ICRF siliconization in HT-7 superconducting tokamak 295 (2001) 295
- Gong, X.Z., see Gao, X.
- Gong, X.Z., see Xie, J.K.
- González, R., see Savoini, B.
- González, H.C., A.M. Fortis and G.D.H. Coccoz, High-dose irradiation growth kinetics at 448 K in a zirconium alloy 278 (2000) 73
- González, H.C., see Fortis, A.M.
- González, H.C. and M.T. Miralles, Annealing of hardening in copper after neutron irradiation hardening at 77 K 277 (2000) 239
- Gopalan, R., see Prince, A.A.M.
- Gorenflo, H., see Cardella, A.
- Gorlevsky, V.V., see Davydov, D.A.
- Gorlevsky, V.V., see Davydov, D.A.
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 290–293 (2001) 1171
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 279 (2000) 330
- González, H.C., see Fortis, A.M. 290–293 (2001) 1155
- González, H.C. and M.T. Miralles, Annealing of hardening in copper after neutron irradiation hardening at 77 K 277 (2000) 199
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 279 (2000) 360
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 279 (2000) 301
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 295 (2001) 157
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 289 (2001) 281
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 283–287 (2000) 1105
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 271&272 (1999) 435
- Gorodetsky, A.E., I.I. Arkhipov, R.Kh. Zalavutdinov, A.P. Zakharov, Yu.N. Tolmachev, S.P. Vnukov and V.L. Bukhovets, Transport of and deposition from hydrocarbon radicals in a 283–287 (2000) 1409

- flow tube downstream from a CH₄ RF discharge 290–293 (2001) 271
- Gorodetsky, A.E., see Arkhipov, I.I. 271&272 (1999) 418
- Gorodetsky, A.E., see Arkhipov, I.I. 290–293 (2001) 394
- Gorodetsky, A.E., see Markin, A.V. 283–287 (2000) 1094
- Gorodetsky, A.E., see Zalavutdinov, R.Kh. 296 (2001) 219
- Gorokhov, V., see Kapychev, V. 283–287 (2000) 1429
- Gorokhov, V.A., see Davydov, D.A. 271&272 (1999) 435
- Gorokhov, V.A., see Davydov, D.A. 283–287 (2000) 1409
- Gorokhov, V.A., see Solonin, M.I. 283–287 (2000) 1468
- Gorse, D., see Schmidt, B. 296 (2001) 249
- Gorshkov, A., D. Orlinski, V. San-nikov, K. Vukolov, S. Gon-charov, Yu. Sadovnikov and A. Kirillov, Measurements of the radiation resistant fused quartz radioluminescence spectral intensity under irradiation in the pulse nuclear reactor 273 (1999) 271
- Gorynin, I.V., V.V. Rybin, I.P. Kursevich, A.N. Lapin, E.V. Nesterova and E.Yu. Klepikov, Effect of heat treatment and irradiation temperature on mechanical properties and structure of reduced-activation Cr–W–V steels of bainitic, martensitic, and martensitic-ferritic classes 283–287 (2000) 465
- Goshchitskii, B.N., see Sagardze, V.V. 274 (1999) 287
- Goshchitskii, B.N., see Sagardze, V.V. 295 (2001) 265
- Gosset, D., see Bourgoin, J. 275 (1999) 296
- Gosset, D., see Guilbert, S. 282 (2000) 75
- Gosset, D., see Sattonnay, G. 288 (2001) 11
- Gosset, D., see Simeone, D. 281 (2000) 171
- Gosset, D., see Simeone, D. 297 (2001) 244
- Gosset, D., see Simeone, D. 300 (2002) 27
- Gosset, D., see Simeone, D. 300 (2002) 151
- Goto, M., see Masuzaki, S. 290–293 (2001) 12
- Goto, M., see Peterson, B.J. 290–293 (2001) 930
- Gouder, T., see Misserque, F. 298 (2001) 280
- Gouder, T., see Van den Berghe, S. 294 (2001) 168
- Gourgues, A.F., see Bouche, G. 277 (2000) 91
- Govindan Kutty, K.V., see Jena, H. 280 (2000) 312
- Gröschel, F., see Bailat, C. 276 (2000) 283
- Grégoire, O. and J. Ladrière, Activation of stainless steel with high energy neutrons 298 (2001) 309
- Gröschel, F., see Bailat, C. 283–287 (2000) 446
- Grambow, B. and R. Müller, First-order dissolution rate law and the role of surface layers in glass performance assessment 298 (2001) 112
- Granada, J.R., Slow neutron total cross-section of Al6061 at low temperatures 277 (2000) 346
- Grandjean, A. and Y. Serruys, Metal and oxygen mobilities during Zircaloy-4 oxidation at high temperature 273 (1999) 111
- Grattarola, M., see Chappuis, Ph. 283–287 (2000) 1081
- Grattarola, M., see Merola, M. 283–287 (2000) 1068
- Grecu, V.V., see Paraschiv, M.C. 275 (1999) 164
- Greene, G.A., see Caturla, M.J. 296 (2001) 90
- Greenfield, C.M., see Petrie, T.W. 290–293 (2001) 935
- Greenland, P.T., On the validity of collisional-radiative models 290–293 (2001) 615
- Greenland, P.T., see Sergienko, G. 290–293 (2001) 720
- Greenwood, L.R., B.M. Oliver, S. Ohnuki, K. Shiba, Y. Kohno, A. Kohyama, J.P. Robertson, J.W. Meadows and D.S. Gelles, Accelerated helium and hydrogen production in ⁵⁴Fe doped alloys – measurements and calculations for the FIST experiment 283–287 (2000) 1438
- Greenwood, L.R., see Garner, F.A. 283–287 (2000) 380
- Greenwood, L.R., see Garner, F.A. 296 (2001) 66
- Greenwood, L.R., see Oliver, B.M. 283–287 (2000) 1006
- Griffiths, T.R., see Volkovich, V.A. 271&272 (1999) 57
- Griffiths, T.R., and V.A. Volkovich, A review of the high temperature oxidation of uranium oxides in molten salts and in the solid state to form alkali metal uranates, and their composition and properties 288 (2001) 217
- Griffiths, T.R., see Volkovich, V.A. 282 (2000) 245
- Griffiths, T.R., and V.A. Volkovich, A review of the high temperature oxidation of uranium oxides in molten salts and in the solid state to form alkali metal uranates, and their composition and properties 299 (2001) 77
- Griffiths, T.R., see Volkovich, V.A. 274 (1999) 229
- Griffiths, T.R., see Volkovich, V.A. 282 (2000) 152
- Grigoriev, A., see Morita, K. 290–293 (2001) 126
- Grigull, P., M. Hirsch, J. Baldzuhn, H. Ehmler, F. Gadelmeier, L. Giannone, H.-J. Hartfuss, D. Hildebrandt, R. Jaenicke, J. Kisslinger, R. Koenig, K. McCormick, F. Wagner, A. Weller, Ch. Wendland and W7-AS Team, Edge transport barrier formation and ELM phenomenology in the W7-AS stellarator 290–293 (2001) 1009
- Grigull, P., see Brakel, R. 290–293 (2001) 1160
- Grigull, P., see König, R.W.T. 290–293 (2001) 882
- Grigull, P., see McCormick, K. 290–293 (2001) 920
- Grigull, S., R. Behrisch and S. Parascandola, Nitrogen implantation into carbon: retention, release and target-erosion processes 275 (1999) 158
- Grimes, R.W., see Abramowski, M. 275 (1999) 12
- Grimes, R.W., see Busker, G. 279 (2000) 46
- Grimes, R.W., see Stanek, C.R. 282 (2000) 265
- Grimvall, G., see Ekman, M. 278 (2000) 273
- Grismanovs, V., see Nakazawa, T. 279 (2000) 201
- Grismanovs, V., see Nakazawa, T. 297 (2001) 69

- Grisolia, C., Ph. Ghendrih, A.
Grosman, P. Monier-Garbet, D.
Moulin and J.C. Vallet, Feed-
back control of highly radiative
plasmas in Tore Supra
Grisolia, C., J. Hogan, Ph. Ghendrih,
Th. Loarer, J. Gunn, P.
Monier-Garbet, M. Becoulet
and Th. Hutter, Particle trap-
ping in carbon walls during
ICRH heating in Tore Supra
Grisolia, C., Ph. Ghendrih, J. Gunn,
T. Loarer, P. Monier-Garbet, C.
De Michelis, L. Costanzo and
J.Y. Pascal, Tore Supra divertor
screening efficiency during den-
sity regime experiments
Grisolia, C., see Bucalossi, J.
Grisolia, C., see Costanzo, L.
Grisolia, C., see Ghendrih, Ph.
Grisolia, C., see Loarer, T.
Grisolia, C., see Mank, G.
Grisolia, C., see Monier-Garbet, P.
Gritsyna, V.T., I.V. Afanasyev-
Charkin, V.A. Kobyakov and
K.E. Sickafus, Neutron irradia-
tion effects in magnesium-alu-
minate spinel doped with
transition metals
Gritsyna, V.T., see Afanasyev-
Charkin, I.V.
Grobener, R.J., see Petrie, T.W.
Groebner, R.J., see Fenstermacher,
M.E.
Groebner, R.J., see Owen, L.W.
Gröscher F., see Bailat, C.
Gröscher F., see Bailat, C.
Grosman, A., see Bucalossi, J.
Grosman, A., see Costanzo, L.
Grosman, A., see Ghendrih, Ph.
Grosman, A., see Grisolia, C.
Grosman, A., see Mitteau, R.
Grosman, A., see Monier-Garbet, P.
Grosman, A., see Nguyen, F.
Grosman, A., see Tsitrone, E.
Grossbeck, M., see Aglan, H.
Grossbeck, M.L., J.F. King and
D.T. Hoelzer, Impurity effects
on gas tungsten arc welds in V-
Cr-Ti alloys
Grossbeck, M.L., see Aglan, H.A.
Grossbeck, M.L., see Gan, Y.X.
Grossbeck, M.L., see Klueh, R.L.
Grossbeck, M.L., see Steward, R.V.
Grossbeck, M.L., see Tsai, H.
Grosse, M., M. Niffenegger and D.
Kalkhof, Monitoring of low-
cycle fatigue degradation in
X6CrNiTi18-10 austenitic steel
Grosse, M., V. Denner, J. Böhmert
and M.-H. Mathon, Irradiation-
induced structural changes in
surveillance material of VVER
440-type weld metal
Grossman, A., R.P. Doerner and S.
Luckhardt, Surface tension en-
hancement of TRIM sputtering
yields for liquid metal targets
Grossman, A.A., see Doerner, R.P.
Groth, M., P. Andrew, W. Funda-
menski, H.Y. Guo, D.L. Hillis,
J.T. Hogan, L.D. Horton, G.F.
Matthews, A.G. Meigs, P.M.
Morgan, M.F. Stamp and M.
von Hellermann, Noble gas en-
richment studies at JET
Groth, M., see Hillis, D.L.
Gruber, O., see Bosch, H.-S.
Gruber, O., see Herrmann, A.
Gruber, O., see Lang, P.T.
Grynik, E.U., see Chyrko, L.I.
Gu, B.X., L.M. Wang and R.C.
Ewing, The effect of amorphiza-
tion on the Cs ion exchange and
retention capacity of zeolite-
NaY
Gu, B.X., L.M. Wang, L.D. Minc
and R.C. Ewing, Temperature
effects on the radiation stability
and ion exchange capacity of
smectites
Gu, X., see Gong, X.
Gu, X.M., see Gao, X.
Gu, X.M., see Xie, J.K.
Guéneau, C., see Baïchi, M.
Guerin, S., see Schmidt, B.
Guilbert, S., M.J. Guittet, N. Barré,
M. Gautier-Soyer, P. Trocellier,
D. Gosset and Z. Andriambolo-
lolona, Dissolution of UO₂ in
Boom clay water in oxidizing
conditions: an XPS study
Guilhem, D., see Costanzo, L.
Guilhem, D., see Mitteau, R.
Guillén, R., see Girard, E.
Guilloté, S., see Bois, L.
Guilloté, S., see Bois, L.
Guinebretière, R., see Barbéris, P.
Guirlet, R., J. Hogan, Y. Corre, C.
De Michelis, A. Escarguel, W.
Hess, P. Monier-Garbet and B.
Schunke, Spectroscopic study of
neon emission and retention in
the Tore Supra ergodic divertor
Guirlet, R., see Corre, Y.
Guirlet, R., see Escarguel, A.
Guirlet, R., see Ghendrih, Ph.
Guirlet, R., see Hogan, J.
Guirlet, R., see Loarer, T.
Guirlet, R., see Monier-Garbet, P.
Guirlet, R., see Schunke, B.
Guittet, M., see Bois, L.
- 277 (2000) 280
- 290–293 (2001) 80
- 290–293 (2001) 166
- 290–293 (2001) 867
- 290–293 (2001) 418
- 290–293 (2001) 836
- 290–293 (2001) 619
- 290–293 (2001) 374
- 279 (2000) 162
- 278 (2000) 64
- 297 (2001) 345
- 290–293 (2001) 1171
- 279 (2000) 330
- 290–293 (2001) 1155
- 294 (2001) 84
- 296 (2001) 249
- 282 (2000) 75
- 290–293 (2001) 840
- 290–293 (2001) 1036
- 294 (2001) 330
- 300 (2002) 141
- 277 (2000) 57
- 288 (2001) 241
- 290–293 (2001) 872
- 290–293 (2001) 250
- 290–293 (2001) 854
- 290–293 (2001) 798
- 290–293 (2001) 628
- 290–293 (2001) 900
- 290–293 (2001) 925
- 290–293 (2001) 715
- 277 (2000) 57

- Guittet, M.J., see Bois, L. 297 (2001) 129
 Guittet, M.J., see Bois, L. 300 (2002) 141
 Guittet, M.J., see Guibert, S. 282 (2000) 75
 Gündüz, G., see Durmazucar, H.H. 282 (2000) 239
 Gunn, J., see Corre, Y. 290–293 (2001) 250
 Gunn, J., see Devynck, P. 290–293 (2001) 584
 Gunn, J., see Escarguel, A. 290–293 (2001) 854
 Gunn, J., see Ghendrih, Ph. 290–293 (2001) 798
 Gunn, J., see Grisolia, C. 290–293 (2001) 402
 Gunn, J., see Grisolia, C. 290–293 (2001) 863
 Gunn, J., see Haddad, E. 278 (2000) 111
 Gunn, J., see Loarer, T. 290–293 (2001) 900
 Gunn, J., see Mank, G. 290–293 (2001) 910
 Gunn, J., see Mitteau, R. 290–293 (2001) 1036
 Gunn, J., see Monier-Garbé, P. 290–293 (2001) 925
 Gunn, J., see Zabiégo, M. 290–293 (2001) 985
 Gunn, J.P., C. Boucher, Y. Corre, P. Devynck, Ph. Ghendrih and J.-Y. Pascal, Measurement and simulation of edge flows induced by ergodization in Tore Supra 290–293 (2001) 877
 Gunn, J.P., see Boucher, C. 290–293 (2001) 561
 Gunn, J.P., see Bucalossi, J. 290–293 (2001) 566
 Gunn, J.P., see Costanzo, L. 290–293 (2001) 840
 Gunn, J.P., see Laugier, F. 290–293 (2001) 892
 Guo, H.Y., see Groth, M. 290–293 (2001) 867
 Guo, H.Y., see Hillis, D.L. 290–293 (2001) 418
 Guo, Q.G., J.G. Li, G.T. Zhai, L. Liu, J.R. Song, L.F. Zhang, Y.X. He and J.L. Chen, The primary results for the mixed carbon material used for high flux steady-state tokamak operation in China 290–293 (2001) 191
 Guo, Y.-X., see Fayek, M. 277 (2000) 204
 Gureev, V.M., see Guseva, M.I. 290–293 (2001) 1069
 Gurovich, B.A., E.A. Kuleshova, Ya.I. Shtrombakh, O.O. Zubsov and E.A. Krasikov, Intergranular and intragranular phosphorus segregation in Russian pressure vessel steels due to neutron irradiation 279 (2000) 259
 Gurovich, B.A., see Kuleshova, E.A. 300 (2002) 127
 Guseva, M.I., V.I. Vasiliev, V.M. Gureev, L.S. Danielyan, B.I. Khirpunov, S.N. Korshunov, V.S. Kulikauskas, Yu.V. Martynenko, V.B. Petrov, V.N. Strunnikov, V.G. Stolyarova, V.V. Zatekin and A.M. Litnovsky, Peculiarity of deuterium ions interaction with tungsten surface in the condition imitating combination of normal operation with plasma disruption in ITER 290–293 (2001) 1069
 Ha, Y.-K., see Kim, J.-G. 297 (2001) 327
 Haas, G., see Bosch, H.-S. 290–293 (2001) 836
 Haasz, A.A., M. Poon, R.G. Macaulay-Newcombe and J.W. Davis, Deuterium retention in single crystal tungsten 290–293 (2001) 85
 Haasz, A.A., see Anderl, R.A. 273 (1999) 1
 Haasz, A.A., see Chen, A.Y.K. 290–293 (2001) 61
 Haasz, A.A., see Davis, J.W. 288 (2001) 148
 Haasz, A.A., see Davis, J.W. 290–293 (2001) 66
 Haasz, A.A., see Federici, G. 283–287 (2000) 110
 Haasz, A.A., see Poon, M. 283–287 (2000) 1062
 Haddad, E., F. Meo, R. Marchand, G. Ratel, B.L. Stansfield, J. Gunn, P.C. Stangeby, J.D. Elder, S. Lisgo and K. Krieger, Interpretation of the impurity distribution in the divertor during divertor plate biasing using the DIVIMP code 278 (2000) 111
 Hagi, S., see Ukai, S. 283–287 (2000) 702
 Haigh, A., see Penzhorn, R.-D. 279 (2000) 139
 Haines, J.R., see Mansur, L.K. 296 (2001) 1
 Haire, R.G., see Gibson, J.K. 273 (1999) 139
 Hamada, K., see Okada, A. 271&272 (1999) 133
 Hamada, K., see Okada, A. 271&272 (1999) 189
 Hamada, S., see Sekimura, N. 283–287 (2000) 224
 Hamaguchi, D., H. Watanabe, T. Muroga and N. Yoshida, Influence of variable temperatures irradiation on microstructural evolution in phosphorus doped Fe–Cr–Ni alloys 283–287 (2000) 319
 Hamilton, C.G., see Davis, J.W. 288 (2001) 148
 Hamilton, C.G., see Davis, J.W. 290–293 (2001) 66
 Hamilton, M.L. and M.B. Toloczko, Effect of low temperature irradiation on the mechanical properties of ternary V–Cr–Ti alloys as determined by tensile tests and shear punch tests 283–287 (2000) 488
 Hamilton, M.L., F.A. Garner, M.B. Toloczko, S.A. Maloy, W.F. Sommer, M.R. James, P.D. Ferguson and M.R. Louthan, Shear punch and tensile measurements of mechanical property changes induced in various austenitic alloys by high-energy mixed proton and neutron irradiation at low temperatures 283–287 (2000) 418
 Hamilton, M.L., see Kohno, Y. 271&272 (1999) 145
 Hamilton, M.L., see Kohno, Y. 283–287 (2000) 1014
 Hamilton, M.L., see Kurtz, R.J. 283–287 (2000) 628
 Hamilton, M.L., see Maloy, S.A. 296 (2001) 119
 Hamilton, M.L., see Sencer, B.H. 283–287 (2000) 324
 Hamilton, M.L., see Sencer, B.H. 296 (2001) 112
 Hamilton, M.L., see Sencer, B.H. 296 (2001) 145
 Hamilton, M.L., see Toloczko, M.B. 283–287 (2000) 987
 Hammou, A., see Bourgeois, L. 297 (2001) 313
 Hammou, A., see Vermoyal, J.J. 298 (2001) 297

- Han, J., see Zhang, C. 283–287 (2000) 259
 Han, R., see Ye, B. 281 (2000) 112
 Hanák, P., see Ungár, T. 276 (2000) 278
 Hanajiri, Y., see Sato, T. 294 (2001) 130
 Hanchar, J.M., see Burns, P.C. 278 (2000) 290
 Hänninen, H., see Tähtinen, S. 283–287 (2000) 255
 Hänninen, H., see Jagodzinski, Yu. 275 (1999) 47
 Hao, J., see Yao, Z. 283–287 (2000) 1287
 Hara, M., see Hirooka, Y. 274 (1999) 320
 Hara, T., see Ii, T. 283–287 (2000) 898
 Harada, Y., see Mukouda, I. 283–287 (2000) 302
 Harano, H., K. Kinoshita, K. Yoshii, T. Ueda, S. Okita and M. Uesaka, Ultrashort X-ray pulse generation using sub-picosecond electron linac 280 (2000) 255
 Harris, D.C., see Regan, T.M. 300 (2002) 39
 Harris, D.C., see Regan, T.M. 300 (2002) 47
 Hart, K.P., see Zhang, Y. 289 (2001) 254
 Hartfuss, H.-J., see Grigull, P. 290–293 (2001) 1009
 Hartmann, D., see Brakel, R. 290–293 (2001) 1160
 Hartmann, Th., see Sickafus, K.E. 274 (1999) 66
 Haschke, J.M. and A.G. Phillips, Analysis and characterization of plutonium in pyrochemical salt residues 277 (2000) 175
 Haschke, J.M., H.K. Fauske and A.G. Phillips, Pyrophoric potential of plutonium-containing salt residues 279 (2000) 127
 Hasegawa, A., A. Kohyama, R.H. Jones, L.L. Snead, B. Riccardi and P. Fenici, Critical issues and current status of SiC/SiC composites for fusion 283–287 (2000) 128
 Hasegawa, A., B.M. Oliver, S. Nogami, K. Abe and R.H. Jones, Study of helium effects in SiC/SiC composites under fusion reactor environment 283–287 (2000) 811
 Hasegawa, A., see Fujiwara, M. 283–287 (2000) 1311
 Hasegawa, A., see Fukuda, T. 283–287 (2000) 263
 Hasegawa, A., see Kasada, R. 299 (2001) 83
 Hasegawa, A., see Kawano, S. 283–287 (2000) 1220
 Hasegawa, A., see Kimura, A. 283–287 (2000) 827
 Hasegawa, A., see Nemoto, Y. 283–287 (2000) 1144
 Hasegawa, A., see Nogami, S. 283–287 (2000) 268
 Hasegawa, M., see Kasada, R. 271&272 (1999) 360
 Hasegawa, M., see Kuwabara, T. 283–287 (2000) 611
 Hasegawa, T., see Ishino, S. 283–287 (2000) 215
 Hashiba, M., see Hino, T. 290–293 (2001) 1176
 Hashimoto, N., E. Wakai and J.P. Robertson, Relationship between hardening and damage structure in austenitic stainless steel 316LN irradiated at low temperature in the HFIR 273 (1999) 95
 Hashimoto, N., E. Wakai, J.P. Robertson, T. Sawai and A. Hishinuma, Microstructure of austenitic stainless steels irradiated at 400 °C in the ORR and the HFIR spectral tailoring experiment 280 (2000) 186
 Hashimoto, N., S.J. Zinkle, A.F. Rowcliffe, J.P. Robertson and S. Jitsukawa, Deformation mechanisms in 316 stainless steel irradiated at 60 °C and 330 °C 283–287 (2000) 528
 Hashimoto, N., see Kanda, H. 271&272 (1999) 311
 Hashimoto, N., see Kim, I.-S. 280 (2000) 264
 Hashimoto, N., see Klueh, R.L. 283–287 (2000) 697
 Hashimoto, N., see Lee, E.H. 278 (2000) 266
 Hashimoto, N., see Lee, E.H. 281 (2000) 65
 Hashimoto, N., see Miwa, Y. 283–287 (2000) 334
 Hashimoto, N., see Wakai, E. 283–287 (2000) 435
 Hashimoto, N., see Wakai, E. 283–287 (2000) 799
 Hashizume, K., W.-E. Wang and D.R. Olander, Volatilization of urania in steam at elevated temperatures 275 (1999) 277
 Hassanein, A. and I. Konkashbaev, Comprehensive physical models and simulation package for plasma/material interactions during plasma instabilities 273 (1999) 326
 Hassanein, A. and I. Konkashbaev, Hydrodynamic effects of eroded materials of plasma-facing component during a Tokamak disruption 283–287 (2000) 1171
 Hassanein, A. and I. Konkashbaev, Macroscopic erosion of plasma facing and nearby components during plasma instabilities: the droplet shielding phenomenon 290–293 (2001) 1074
 Hassanein, A., I. Konkashbaev and L. Nikandrov, Heat and particle fluxes from collisionless scrape-off-layer during tokamak plasma disruptions 290–293 (2001) 1079
 Hassanein, A., see Burtseva, T. 290–293 (2001) 1059
 Hastie, J.W., D.W. Bonnell and P.K. Schenck, Application of a new thermochemical measurement method for nuclear materials at temperatures beyond 3000 K 294 (2001) 175
 Hatakeyama, T., see Saito, S. 283–287 (2000) 593
 Hatano, T., S. Suzuki, K. Yokoyama, T. Kuroda and M. Enoda, High heat flux test of a HIP-bonded first wall panel of reduced activation ferritic steel F-82H 283–287 (2000) 685
 Hatano, Y., see Isobe, K. 271&272 (1999) 326
 Hatano, Y., Y. Nanjo, R. Hayakawa and K. Watanabe, Permeation of hydrogen through vanadium under helium ion irradiation 283–287 (2000) 868

- Hatayama, A., H. Segawa, N. Komatsu, R. Schneider, D.P. Coster, N. Hayashi, S. Sakurai and N. Asakura, Reversal of in-out asymmetry of the particle-recycling associated with X -point MARFE and plasma detachment 290–293 (2001) 407
- Hattori, K., see Akasaka, N. 271&272 (1999) 370
- Hattori, N., see Uesugi, Y. 290–293 (2001) 1134
- Hattori, T., see Kakiuchi, K. 294 (2001) 28
- Hänninen, H., see Jagodzinski, Yu. 275 (1999) 47
- Hawkes, N., see Menhart, S. 290–293 (2001) 673
- Hay, J.C., see Snead, L.L. 273 (1999) 213
- Hayakawa, R., see Hatano, Y. 283–287 (2000) 868
- Hayashi, K., see Minato, K. 288 (2001) 57
- Hayashi, K., see Nogita, K. 273 (1999) 302
- Hayashi, K., see Une, K. 288 (2001) 20
- Hayashi, N., see Hatayama, A. 290–293 (2001) 407
- Hayashi, T., K. Fukumoto and H. Matsui, Study of point defect behaviors in vanadium and its alloys by using HVEM 283–287 (2000) 234
- Hayashi, T., see Isobe, K. 271&272 (1999) 326
- Hayashi, T., see Nakamura, H. 297 (2001) 285
- Hayashi, T., see Oya, Y. 290–293 (2001) 469
- Hayashi, T., see Shu, W.M. 290–293 (2001) 482
- Hayashi, T., see Skinner, C.H. 290–293 (2001) 486
- Hayes, S.L., see Meyer, M.K. 278 (2000) 358
- Hayes, S.L., see Meyer, M.K. 299 (2001) 175
- Hayes, S.L., see Sohn, Y.H. 279 (2000) 317
- Hayward, P.J. and I.M. George, Determination of the solidus temperatures of Zircaloy-4/oxygen alloys 273 (1999) 294
- He, B.X., N. Li and M. Mineev, A kinetic model for corrosion and precipitation in non-isothermal LBE flow loop 297 (2001) 214
- He, M.Y., see Odette, G.R. 283–287 (2000) 120
- He, Y.X., see Guo, Q.G. 290–293 (2001) 191
- Hémon, S., see Gibert-Mougel, C. 295 (2001) 121
- Hegde, P.V., see Kutty, T.R.G. 282 (2000) 54
- Hegde, P.V., see Kutty, T.R.G. 297 (2001) 120
- Heger, B., see Fantz, U. 290–293 (2001) 367
- Heger, B., U. Fantz, K. Behringer and ASDEX Upgrade Team, Vibrational population of the ground state of H_2 and D_2 in the divertor of ASDEX Upgrade 290–293 (2001) 413
- Heimgartner, P., see Lee, Y.-W. 274 (1999) 7
- Hein, H., see Burghartz, M. 288 (2001) 233
- Hein, H., see Konings, R.J.M. 274 (1999) 84
- Hein, H., see Neeft, E.A.C. 274 (1999) 78
- Heinisch, H.L., and B.N. Singh, Simulation of the kinetics of defect accumulation in copper under neutron irradiation 271&272 (1999) 46
- Heinisch, H.L., B.N. Singh and S.I. Golubov, Kinetic Monte Carlo studies of the effects of Burgers vector changes on the reaction kinetics of one-dimensionally gliding interstitial clusters 276 (2000) 59
- Heinisch, H.L., see Jones, R.H. 271&272 (1999) 518
- Heinisch, H.L., see Xu, Q. 283–287 (2000) 297
- Helander, P., see Fielding, S.J. 290–293 (2001) 859
- Hellriegel, W., see Penzhorn, R.-D. 279 (2000) 139
- Henager, C.H., see Lewinsohn, C.A. 283–287 (2000) 584
- Henager, C.H., see Lewinsohn, C.A. 289 (2001) 10
- Hénault, M., see Ghetta, V. 296 (2001) 295
- Hendricks, J.H., see Maslar, J.E. 298 (2001) 239
- Hendricks, M.R., see Allain, J.P. 290–293 (2001) 33
- Hendricks, M.R., see Allain, J.P. 290–293 (2001) 180
- Hennequin, P., see Devynck, P. 290–293 (2001) 584
- Herbach, C.-M., see Hilscher, D. 296 (2001) 83
- Hernández-Mayoral, M., G. de Diego and M. García-Mazario, Microchemistry characterization by Auger electron spectroscopy of a cold-worked AISI-304L stainless steel 279 (2000) 189
- Hernández-Mayoral, M., see García-Mazario, M. 296 (2001) 192
- Herranz, J., see de la Cal, E. 290–293 (2001) 579
- Herranz, J., see Tabarés, F.L. 290–293 (2001) 748
- Herring, S., see Fischer, U. 280 (2000) 151
- Herrmann, A., A. Carlson, J.C. Fuchs, O. Gruber, M. Laux, J. Neuhauser, R. Pugno, A. Sips, W. Treutterer, W. Schneider and ASDEX Upgrade Team, Heat flux decay length in the midplane of ASDEX Upgrade 290–293 (2001) 619
- Herrmann, A., see Carlson, A. 290–293 (2001) 575
- Herrmann, A., see Fuchs, J.C. 290–293 (2001) 525
- Herrmann, A., see Pautasso, G. 290–293 (2001) 1045
- Hertz, K.L., R.A. Causey and D.F. Cowgill, The effect of coatings on deuterium retention and permeation in aluminum 6061-T6 APT tritium production tubes 300 (2002) 255
- Hess, N.J., F.J. Espinosa, S.D. Conradson and W.J. Weber, Beta radiation effects in ^{137}Cs -substituted pollucite 281 (2000) 22
- Hess, N.J., see Begg, B.D. 278 (2000) 212
- Hess, N.J., see Begg, B.D. 288 (2001) 208
- Hess, N.J., see Begg, B.D. 289 (2001) 188
- Hess, N.J., see Williford, R.E. 278 (2000) 207
- Hess, W., see Guirlet, R. 290–293 (2001) 872
- Hess, W., see Hogan, J. 290–293 (2001) 628
- Hess, W., see Reichle, R. 290–293 (2001) 701
- Heuer, J.K., see Li, M. 283–287 (2000) 977
- Heusener, G., see Bauer, G.S. 296 (2001) 17
- Hidalgo, C., see García-Cortés, I. 290–293 (2001) 604
- Hide, K., see Niimi, M. 271&272 (1999) 92
- Hide, K., see Onchi, T. 274 (1999) 341

- Hiernaut, J.P. and C. Ronchi, Fission gas release and volume diffusion enthalpy in UO₂ irradiated at low and high burn-up 294 (2001) 39
- Hiernaut, J.P., see Ronchi, C.
- Higashi, K., see Takagi, I.
- Higashijima, S., H. Kubo, T. Sugie, T. Nakano, S. Konoshima, H. Tamai, K. Shimizu, A. Sakasai, N. Asakura, S. Sakurai and K. Itami, Impurity behavior before and during the x-point MARFE in JT-60U 290–293 (2001) 501
- Higashijima, S., see Sakasai, A.
- Higashijima, S., see Sakurai, S.
- Higuchi, T., see Howlader, M.M.R.
- Hildebrandt, D., P. Wienhold and W. Schneider, Mixed-material coating formation on tungsten surfaces during plasma exposure in TEXTOR-94 290–293 (2001) 623
- Hildebrandt, D., see Behrisch, R.
- Hildebrandt, D., see Grigull, P.
- Hildebrandt, D., see König, R.W.T.
- Hildebrandt, D., see McCormick, K.
- Hildebrandt, D., see Rubel, M.
- Hildebrandt, D., see Wienhold, P.
- Hill, D.N., see Buchenauer, D.A.
- Hill, D.N., see Wood, R.D.
- Hillis, D.L., J. Hogan, J.P. Coad, G. Duxbury, M. Groth, H.Y. Guo, L. Horton, G. Matthews, A. Meigs, P. Morgan, M. Stamp and M. von Hellermann, Comparison of hydrogen and tritium uptake and retention in JET 290–293 (2001) 89
- Hillis, D.L., see Groth, M.
- Hillner, E., D.G. Franklin and J.D. Smee, Long-term corrosion of Zircaloy before and after irradiation 290–293 (2001) 418
- Hilscher, D., C.-M. Herbach, U. Jahnke, V. Tishchenko, M. Enke, D. Filges, F. Goldenbaum, R.-D. Neef, K. Nünighoff, N. Paul, H. Schaal, G. Sterzenbach, A. Letourneau, A. Böhm, J. Galin, B. Lott, A. Péghaire and L. Pienkowski, Helium production for 0.8–2.5 GeV proton induced spallation reactions, damage induced in metallic window materials 290–293 (2001) 196
- Hino, T., see Hirohata, Y.
- Hino, T., see Johnson, W.R.
- Hino, T., see Masuzaki, S.
- Hino, T., T. Ohuchi, M. Hashiba, Y. Yamauchi, Y. Hirohata, N. Inoue, A. Sagara, N. Noda and O. Motojima, Conditionings for plasma facing walls of large helical device 283–287 (2000) 376
- Hinoki, T., L.L. Snead, Y. Katoh, A. Kohyama and R. Shinavski, The effect of neutron-irradiation on the shear properties of SiC/SiC composites with varied interface 283–287 (2000) 1176
- Hinoki, T., see Lewinsohn, C.A.
- Hinoki, T., W. Yang, T. Nozawa, T. Shibayama, Y. Katoh and A. Kohyama, Improvement of mechanical properties SiC/SiC composites by various surface treatments of fibers 283–287 (2000) 1258
- Hinssen, H.-K., see Alberici, S.
- Hirai, M., see Amaya, M.
- Hirai, M., see Minato, K.
- Hirai, M., see Une, K.
- Hirai, T., see Yoshida, N.
- Hirai, T., T. Fujiwara, K. Tokunaga, N. Yoshida, A. Komori, O. Motojima, S. Itoh and TRIAM group, Structure of materials deposited on the plasma facing surface in TRIAM-1M tokamak and the effect on hydrogen recycling 289 (2001) 23
- Hirai, T., T. Fujiwara, K. Tokunaga, N. Yoshida, S. Itoh and TRIAM Group, Anisotropic radiation damage by charge exchange neutrals under tokamak discharges in TRIAM-1M 273 (1999) 116
- Hirano, Y., see Sekine, S.
- Hiraoka, Y., see Kitsunai, Y.
- Hirata, M., see Kurihara, M.
- Hirohata, Y., see Hino, T.
- Hirohata, Y., see Johnson, W.R.
- Hirohata, Y., T. Oda, T. Hino and S. Sengoku, Deuterium retention of V-4Cr-4Ti alloy exposed to the JFT-2M tokamak environment 290–293 (2001) 94
- Hirooka, Y., K. Ashida, H. Kugel, D. Walsh, W. Wampler, M. Bell, R. Conn, M. Hara, S. Luckhardt, M. Matsuyama, D. Mansfield, D. Mueller, C. Skinner, T. Walters and K. Watanabe, Deposition of lithium on a plasma edge probe in TFTR. Behavior of lithium-painted walls interacting with edge plasmas 271&272 (1999) 415
- Hirooka, Y., K. Ashida, H. Kugel, D. Walsh, W. Wampler, M. Bell, R. Conn, M. Hara, S. Luckhardt, M. Matsuyama, D. Mansfield, D. Mueller, C. Skinner, T. Walters and K. Watanabe, Modeling of wall recycling effects on the global particle balance in magnetic fusion devices 271&272 (1999) 423
- Hirooka, Y., K. Ashida, H. Kugel, D. Walsh, W. Wampler, M. Bell, R. Conn, M. Hara, S. Luckhardt, M. Matsuyama, D. Mansfield, D. Mueller, C. Skinner, T. Walters and K. Watanabe, Deposition of lithium on a plasma edge probe in TFTR. Behavior of lithium-painted walls interacting with edge plasmas 281 (2000) 140
- Hirohata, Y., see Johnson, W.R.
- Hirohata, Y., T. Oda, T. Hino and S. Sengoku, Deuterium retention of V-4Cr-4Ti alloy exposed to the JFT-2M tokamak environment 290–293 (2001) 1176
- Hirooka, Y., K. Ashida, H. Kugel, D. Walsh, W. Wampler, M. Bell, R. Conn, M. Hara, S. Luckhardt, M. Matsuyama, D. Mansfield, D. Mueller, C. Skinner, T. Walters and K. Watanabe, Deposition of lithium on a plasma edge probe in TFTR. Behavior of lithium-painted walls interacting with edge plasmas 283–287 (2000) 622
- Hirooka, Y., K. Ashida, H. Kugel, D. Walsh, W. Wampler, M. Bell, R. Conn, M. Hara, S. Luckhardt, M. Matsuyama, D. Mansfield, D. Mueller, C. Skinner, T. Walters and K. Watanabe, Modeling of wall recycling effects on the global particle balance in magnetic fusion devices 290–293 (2001) 196
- Hirooka, Y., S. Masuzaki, H. Suzuki, T. Kenmotsu and T. Kawamura, Modeling of wall recycling effects on the global particle balance in magnetic fusion devices 274 (1999) 320
- Hirooka, Y., S. Masuzaki, H. Suzuki, T. Kenmotsu and T. Kawamura, Modeling of wall recycling effects on the global particle balance in magnetic fusion devices 290–293 (2001) 423

- Hirooka, Y., see Ohno, N.
- Hirose, T., H. Sakasegawa, A.
- Kohyama, Y. Katoh and H. Tanigawa, Effect of specimen size on fatigue properties of reduced activation ferritic/martensitic steels
- Hirose, T., see Kohno, Y.
- Hirose, T., see Kohno, Y.
- Hirose, T., see Suzuki, T.
- Hirose, T., see Tanigawa, H.
- Hirsch, M., see Grigull, P.
- Hirschberg, G., see Varga, K.
- Hirth, J.P., see Toloczko, M.B.
- Hirth, J.P., see Zbib, H.M.
- Hishinuma, A., see Hashimoto, N.
- Hishinuma, A., see Jitsukawa, S.
- Hishinuma, A., see Miwa, Y.
- Hishinuma, A., see Miwa, Y.
- Hishinuma, A., see Nakata, K.
- Hishinuma, A., see Sawai, T.
- Hishinuma, A., see Shiba, K.
- Hishinuma, A., see Shiba, K.
- Hishinuma, A., see Tanigawa, H.
- Hishinuma, A., see Wakai, E.
- Hnatowicz, V., see Vacik, J.
- Hobbs, L.W., see Yuan, X.
- Hobbs, L.W., see Yuan, X.
- Hocking, W.H., R.A. Verrall and I.J. Muir, Migration behaviour of iodine in nuclear fuel
- Hodgson, E., see Yamamoto, S.
- Hodgson, E.R. and A. Moroño, An initial model for the RIED effect
- Hodgson, E.R., see García-Matos, M.
- Hodgson, E.R., see Leguey, T.
- Hodgson, E.R., see Martin, P.
- Hodgson, E.R., see Shikama, T.
- Hodgson, E.R., see Vila, R.
- Hoelzer, D.T., B.A. Pint and I.G. Wright, A microstructural study of the oxide scale formation on ODS Fe–13Cr steel
- Hoelzer, D.T., M.K. West, S.J. Zinkle and A.F. Rowcliffe, Solute interactions in pure vanadium and V–4Cr–4Ti alloy
- Hoelzer, D.T., see Grossbeck, M.L.
- Hoelzer, D.T., see Miwa, Y.
- Hoelzer, D.T., see Romanoski, G.R.
- Hoelzer, D.T., see Rowcliffe, A.F.
- Hoffmann, P.B., see Garzarolli, F.
- Hofman, G.L., see Meyer, M.K.
- Hofman, G.L., see Meyer, M.K.
- Hofman, G.L., see Rest, J.
- Hofman, G.L., see Sohn, Y.H.
- Hogan, J., C. DeMichelis, P. Monier-Garbet, M. Becoulet, C. Bush, P. Ghendrih, R. Guirlet, W. Hess, M. Mattioli and J.C. Vallet, Effect of limiter recycling on measured poloidal impurity emission profiles in Tore Supra
- Hogan, J., see Corre, Y.
- Hogan, J., see Ghendrih, Ph.
- Hogan, J., see Grisolia, C.
- Hogan, J., see Guirlet, R.
- Hogan, J., see Hillis, D.L.
- Hogan, J., see Mitteau, R.
- Hogan, J., see Skinner, C.H.
- Hogan, J.T., see Groth, M.
- Hogenbirk, A., see Fischer, U.
- Hojo, K., see Degueldre, C.
- Hojo, K., see Muto, S.
- Hojo, K., see Ono, K.
- Hojo, K., see Takeuchi, M.
- Ho Jung, Y., see Woo Song, K.
- Hole, D.E., see Coad, J.P.
- Holliger, Ph., see Bonino, O.
- Hollis, K.J., R.G. Castro, C.J. Maggiore and A. Ayala, The removal of ion implanted deuterium from tungsten and stainless steel by transferred-arc cleaning
- Holzwarth, U. and H. Stamm, Mechanical and thermomechanical properties of commercially pure chromium and chromium alloys
- Holzwarth, U. and H. Stamm, The precipitation behaviour of ITER-grade Cu–Cr–Zr alloy after simulating the thermal cycle of hot isostatic pressing
- Holzwarth, U., M. Pisoni, R. Scholz, H. Stamm and A. Volcan, On the recovery of the physical and mechanical properties of a CuCrZr alloy subjected to heat treatments simulating the thermal cycle of hot isostatic pressing
- Holzwarth, U., see Stamm, H.
- Hong, H.S. and D.R. Olander, Measurement of hydriding susceptibility of Zircaloy cladding by the tube-burst technique at high pressure and high temperature
- Hong, H.S., H.S. Kim, S.J. Kim and K.S. Lee, Effects of copper addition on the tensile properties and microstructures of modified Zircaloy-4
- Hong, H.S., J.S. Moon, S.J. Kim and K.S. Lee, Investigation on the oxidation characteristics of copper-added modified Zircaloy-4 alloys in pressurized water at 360 °C
- Hong, H.S., S.J. Kim and K.S. Lee, Long-term oxidation character-
- 290–293 (2001) 299
- 283–287 (2000) 1018
- 271&272 (1999) 145
- 283–287 (2000) 1014
- 271&272 (1999) 179
- 297 (2001) 279
- 290–293 (2001) 1009
- 298 (2001) 231
- 283–287 (2000) 409
- 276 (2000) 154
- 280 (2000) 186
- 271&272 (1999) 167
- 283–287 (2000) 273
- 283–287 (2000) 334
- 283–287 (2000) 278
- 283–287 (2000) 657
- 283–287 (2000) 358
- 283–287 (2000) 474
- 283–287 (2000) 470
- 283–287 (2000) 435
- 289 (2001) 308
- 289 (2001) 71
- 295 (2001) 132
- 294 (2001) 45
- 283–287 (2000) 60
- 283–287 (2000) 880
- 283–287 (2000) 890
- 279 (2000) 364
- 283–287 (2000) 894
- 271&272 (1999) 560
- 283–287 (2000) 903
- 283–287 (2000) 1306
- 283–287 (2000) 616
- 283–287 (2000) 1356
- 283–287 (2000) 273
- 283–287 (2000) 642
- 283–287 (2000) 508
- 289 (2001) 338
- 278 (2000) 358
- 299 (2001) 175
- 277 (2000) 231
- 279 (2000) 317
- 290–293 (2001) 628
- 290–293 (2001) 250
- 290–293 (2001) 798
- 290–293 (2001) 402
- 290–293 (2001) 872
- 290–293 (2001) 418
- 290–293 (2001) 1036
- 290–293 (2001) 486
- 290–293 (2001) 867
- 280 (2000) 151
- 289 (2001) 115
- 271&272 (1999) 285
- 283–287 (2000) 210
- 271&272 (1999) 280
- 288 (2001) 92
- 290–293 (2001) 224
- 294 (2001) 305
- 283–287 (2000) 1085
- 300 (2002) 161
- 279 (2000) 31
- 279 (2000) 19
- 283–287 (2000) 597
- 297 (2001) 107
- 280 (2000) 230
- 297 (2001) 113

- istics of oxygen-added modified Zircaloy-4 in 360 °C water
- Hong, J.H., see Byun, T.S.
- Hong, J.H., see Im, Y.-R.
- Hong, J.H., see Oh, Y.J.
- Hong, J.-O., see Yoo, H.-I.
- Hong, S.G., W.B. Lee and C.G. Park, The effects of tungsten addition on the microstructural stability of 9Cr-Mo Steels
- Hong, S.I., see Lee, K.W.
- Honore, C., see Devynck, P.
- Hooper, E.B., R.H. Cohen and D.D. Ryutov, Theory of edge plasma in a spheromak
- Hooper, E.B., see Buchenauer, D.A.
- Hooper, E.B., see Wood, R.D.
- Horacek, J., see Pitts, R.A.
- Horikawa, T., K. Morita and B. Tsuchiya, Isotope effects in thermal release of H and D implanted into WC layers on graphite
- Horikawa, T., see Oya, Y.
- Horikawa, T., see Oya, Y.
- Horiki, M., T. Yoshiie, M. Iseki and M. Kiritani, Invisible and visible point defect clusters in neutron irradiated iron
- Horiki, M., T. Yoshiie, Q. Xu, M. Iseki and M. Kiritani, Defect structures introduced in iron under varying temperature neutron irradiation
- Horino, Y., see Kawatsura, K.
- Horino, Y., see Mitamura, T.
- Horino, Y., see Mitamura, T.
- Horsewell, A., see Singh, B.N.
- Horsten, M., see Alamo, A.
- Horsten, M.G., see Rensman, J.
- Horton, L., see Hillis, D.L.
- Horton, L., see Strachan, J.D.
- Horton, L.D., see Groth, M.
- Horton, L.D., see Lang, P.T.
- Hosaka, K., see Janev, R.K.
- Hoshi, Y., see Fujino, T.
- Hoshiya, T., see Ioka, I.
- Hoshiya, T., see Ishii, T.
- Hoshiya, T., see Niimi, M.
- Hosokawa, M., see Takizuka, T.
- Hosokawa, T., see Une, K.
- Hou, M., see Souidi, A.
- Hou, M., see Zhang, C.
- Hou, M.D., see Wang, Z.G.
- Houlberg, W.A., see Wade, M.R.
- Houssin, B., see Wagner, D.
- Howe, L.M., see Gao, F.
- Howlader, M.M.R., C. Kinoshita, K. Shiiyama, M. Kutsuwada and T. Higuchi, Significance of sample thickness and surface segregation on the electrical conductivity of Wesgo AL995 alumina under ITER environments
- Howlader, M.M.R., see Shiiyama, K.
- Hózer, Z., see Pintér Csordás, A.
- HT-7 Team, see Gong, X.
- HT-7 Team, see Xie, J.K.
- Hu, B., see Zhang, C.
- Hu, J.S., see Xie, J.K.
- Hu, K., see Li, F.
- Hu, L.Q., see Gao, X.
- Huang, J., B. Tsuchiya, K. Konashi and M. Yamawaki, Thermodynamic analysis of chemical states of fission products in uranium-zirconium hydride fuel
- Huang, J., see Tsuchiya, B.
- Hubbard, A., see Boivin, R.L.
- Huber, A., see Kirschner, A.
- Huber, A., see Ohya, K.
- Huber, A., see Ohya, K.
- Huber, A., see Philipps, V.
- Huber, A., see Pospieszczyk, A.
- Huber, A., see Rapp, J.
- Huber, A., see Tanabe, T.
- Huber, A., see Wada, M.
- Huber, A., see Zhmendak, A.V.
- Huber, A., V. Philipps, A. Pospieszczyk, A. Kirschner, M. Lehnert, T. Ohgo, K. Ohya, M. Rubel, B. Schweer, J. von Seggern, G. Sergienko, T. Tanabe and M. Wada, Comparison of impurity production, recycling and power deposition on carbon and tungsten limiters in TEXTOR-94
- Hubert, S., K. Barthelet, B. Fourest, G. Lagarde, N. Dacheux and N. Baglan, Influence of the precursor and the calcination temperature on the dissolution of thorium dioxide
- Hubert, S., see Fourest, B.
- Hughes, J.W., see Boivin, R.L.
- Hui, X., W. Yan, L. Ansheng, H. Xue and W. Lijun, Study of oxygen influence on vanadium product for fusion structural materials
- Humer, K., P. Rosenkranz, H.W. Weber, P.E. Fabian and J.A. Rice, Mechanical properties of the ITER central solenoid model coil insulation under static and dynamic load after reactor irradiation
- Hummel, R., see Csordás, A.P.
- Hummel, W., see Curti, E.
- Hunn, J.D., E.H. Lee, T.S. Byun and L.K. Mansur, Helium and
- 273 (1999) 177
277 (2000) 263
297 (2001) 138
278 (2000) 242
299 (2001) 235
288 (2001) 202
295 (2001) 21
290–293 (2001) 584
278 (2000) 104
290–293 (2001) 1165
290–293 (2001) 513
290–293 (2001) 940
290–293 (2001) 428
275 (1999) 186
278 (2000) 48
271&272 (1999) 256
283–287 (2000) 282
271&272 (1999) 11
271&272 (1999) 15
271&272 (1999) 21
271&272 (1999) 97
283–287 (2000) 353
283–287 (2000) 1201
290–293 (2001) 418
290–293 (2001) 972
290–293 (2001) 867
290–293 (2001) 374
290–293 (2001) 104
275 (1999) 19
283–287 (2000) 440
283–287 (2000) 1023
271&272 (1999) 92
290–293 (2001) 753
278 (2000) 54
295 (2001) 179
283–287 (2000) 259
271&272 (1999) 306
290–293 (2001) 773
300 (2002) 178
294 (2001) 288
283–287 (2000) 885
283–287 (2000) 912
282 (2000) 205
290–293 (2001) 1171
290–293 (2001) 1155
283–287 (2000) 259
290–293 (2001) 1155
300 (2002) 82
279 (2000) 330
294 (2001) 154
289 (2001) 329
290–293 (2001) 542
290–293 (2001) 238
283–287 (2000) 1182
290–293 (2001) 303
290–293 (2001) 1190
290–293 (2001) 947
290–293 (2001) 1148
283–287 (2000) 1128
290–293 (2001) 768
290–293 (2001) 220
290–293 (2001) 276
297 (2001) 206
282 (2000) 180
290–293 (2001) 542
271&272 (1999) 459
283–287 (2000) 973
282 (2000) 205
274 (1999) 189

- | | | |
|---|---------------------|---|
| hydrogen induced hardening in 316LN stainless steel | | Ihde, J., H.B. Störk, J. Winter, M. |
| Hunn, J.D., E.H. Lee, T.S. Byun and L.K. Mansur, Ion-irradiation-induced hardening in Inconel 718 | 282 (2000) 131 | Rubel, H.G. Esser and H. Toyoda, Wall conditioning by microwave generated plasmas in a toroidal magnetic field |
| Hunn, J.D., see Byun, T.S. | 296 (2001) 203 | Ii, T., T. Yoshida, T. Tanabe, T. Hara, M. Okada and K. Yamaguchi, Study on the damaging process of silica by in-reactor luminescence |
| Hunn, J.D., see Byun, T.S. | 294 (2001) 256 | Iinuma, K., see Oya, Y. |
| Hunn, J.D., see Kim, I.-S. | 298 (2001) 269 | Iinuma, K., see Oya, Y. |
| Hunn, J.D., see Lee, E.H. | 280 (2000) 264 | Iiyama, T., see Mukouda, I. |
| Hunn, J.D., see Lee, E.H. | 271&272 (1999) 385 | Iiyoshi, A., see Muroga, T. |
| Hunn, J.D., see Lee, E.H. | 278 (2000) 266 | Iizuka, M., K. Uozumi, T. Inoue, T. Iwai, O. Shirai and Y. Arai, Behavior of plutonium and americium at liquid cadmium cathode in molten LiCl-KCl electrolyte |
| Hunn, J.D., see Lee, E.H. | 280 (2000) 18 | Iizuka, M., T. Inoue, O. Shirai, T. Iwai and Y. Arai, Application of normal pulse voltammetry to on-line monitoring of actinide concentrations in molten salt electrolyte |
| Hunn, J.D., see Lee, E.H. | 281 (2000) 65 | Ikeda, Y., see Maekawa, F. |
| Hunn, J.D., see Lee, E.H. | 296 (2001) 183 | Ikeda, Y., see Ye, B. |
| Hunn, J.D., see Zheng, Y. | 296 (2001) 61 | Ilyin, A.M., V.P. Shestakov and I.L. Tazhibaeva, Influence of cold work to increase swelling of pure iron irradiated in the BR-10 reactor to ~6 and ~25 dpa at ~400 °C |
| Huntelaar, M.E., see Cordfunke, E.H.P. | 294 (2001) 18 | Ilyin, A.M., V.S. Neustroev, V.K. Shamardin, V.P. Shestakov, I.L. Tazhibaeva and V.A. Krivchenko, Influence of combined thermomechanical treatment on impurity segregation in ferritic-martensitic and austenitic stainless steels |
| Huntelaar, M.E., see Konings, R.J.M. | 274 (1999) 84 | Im, Y.-R., Y.J. Oh, B.-J. Lee, J.H. Hong and H.-C. Lee, Effects of carbide precipitation on the strength and Charpy impact properties of low carbon Mn-Ni-Mo bainitic steels |
| Hur, D.H., E.H. Lee, M.S. Choi, H.S. Chung and U.C. Kim, High temperature application of EDTA Solvents for iron oxide removal | 299 (2001) 271 | Imbeni, V., see Benamati, G. |
| Hurst, W.S., see Maslar, J.E. | 298 (2001) 239 | Inaba, T., see Ishino, S. |
| Hutter, Th., see Grisolia, C. | 290-293 (2001) 402 | Inagaki, S., see Masuzaki, S. |
| Hwang, I.S., see Kim, J.H. | 299 (2001) 132 | Inagaki, S., see Peterson, B.J. |
| Hwang, I.-S., see Yoo, H.-I. | 299 (2001) 235 | Inagaki, Y., H. Furuya, K. Idemitsu, T. Arima, H. Osako, T. Banba, T. Maeda, S. Matsumoto, I. Nomura, S. Kikkawa, M. Saito and H. Okamoto, Leaching and migration of neptunium in a simulated engineered barrier system consisting of HLW glass and compacted bentonite |
| Hwang, S.K., see Chun, Y.B. | 295 (2001) 31 | Igitkhanov, Yu. and G. Janeschitz, Attenuation of secondary electron emission from divertor plates due to magnetic field inclination |
| Hwang, S.K., see Lee, J.H. | 289 (2001) 334 | 290-293 (2001) 99 |
| Hwang, S.S., H.P. Kim, D.H. Lee, U.C. Kim and J.S. Kim, The mode of stress corrosion cracking in Ni-base alloys in high temperature water containing lead | 275 (1999) 28 | 290-293 (2001) 905 |
| Hyatt, A.W., see Mahdavi, M.A. | 290-293 (2001) 905 | 290-293 (2001) 935 |
| Hyatt, A.W., see Petrie, T.W. | 290-293 (2001) 935 | 283-287 (2000) 1043 |
| Hyatt, D.R., see Nakamura, H. | 283-287 (2000) 1043 | 298 (2001) 211 |
| Hyde, J.M., see Carter, R.G. | 290-293 (2001) 394 | 283-287 (2000) 694 |
| Ibbott, C., see Arkhipov, I.I. | 283-287 (2000) 957 | 297 (2001) 138 |
| Ibbott, C., see Ioki, K. | 288 (2001) 208 | 279 (2000) 308 |
| Icenhower, J.P., see Begg, B.D. | 298 (2001) 95 | 283-287 (2000) 215 |
| Icenhower, J.P., see McGrail, B.P. | 283-287 (2000) 947 | 290-293 (2001) 12 |
| Ichikawa, K., see Yano, T. | 289 (2001) 102 | 294 (2001) 148 |
| Ichikawa, K., see Yano, T. | 283-287 (2000) 215 | 298 (2001) 168 |
| Ichikawa, S., see Ishino, S. | 290-293 (2001) 12 | 273 (1999) 239 |
| Ida, K., see Masuzaki, S. | 294 (2001) 148 | 271&272 (1999) 11 |
| Idemitsu, K., see Arima, T. | 298 (2001) 168 | 271&272 (1999) 423 |
| Idemitsu, K., see Inagaki, Y. | 273 (1999) 239 | 271&272 (1999) 15 |
| Idemitsu, K., see Sato, I. | 271&272 (1999) 21 | 271&272 (1999) 21 |
| Igarashi, T., see Kawatsura, K. | 283-287 (2000) 574 | 283-287 (2000) 574 |
| Igarashi, T., see Kitsunai, Y. | | |
| Igarashi, T., see Mitamura, T. | | |
| Igarashi, T., see Mitamura, T. | | |
| Igawa, N., see Yamada, R. | | |
| Igitkhanov, Yu. and G. Janeschitz, Attenuation of secondary electron emission from divertor plates due to magnetic field inclination | | 298 (2001) 168 |

- Inagaki, Y., see Arima, T.
 Inagaki, Y., see Maeda, T.
 Inal, M.Y., M. Alam, K. Kurz, D.F. Cowgill and R.A. Causey, Retention and release of deuterium implanted in copper coatings on Al-6061
 Inal, M.Y., see Alam, M.
 Inami, T., see Chimi, Y.
 Ingesson, C., see Itami, K.
 Ingesson, C., see Matthews, G.F.
 Inoue, M., Thermal conductivity of uranium–plutonium oxide fuel for fast reactors
 Inoue, M., K. Abe and I. Sato, A method for determining an effective porosity correction factor for thermal conductivity in fast reactor uranium–plutonium oxide fuel pellets
 Inoue, N., see Hino, T.
 Inoue, N., see Masuzaki, S.
 Inoue, N., see Nishimura, A.
 Inoue, N., see Peterson, B.J.
 Inoue, N., T. Muroga, A. Nishimura, T. Nagasaka, O. Motojima, S. Uchida, H. Yabe, K. Oguri, Y. Nishi, Y. Katoh and A. Kohyama, Characterization of low-activation ferritic steel (JLF-1) weld joint by simulated heat-treatments
 Inoue, T., see Iizuka, M.
 Inoue, T., see Iizuka, M.
 Inoue, T., see Kawatsura, K.
 Inoue, T., see Mitamura, T.
 Inoue, T., see Shirai, O.
 Inoue, T., see Usami, T.
 Ioka, I., M. Yonekawa, Y. Miwa, H. Mimura, H. Tsuji and T. Hoshiya, Effect of helium to dpa ratio on fatigue behavior of austenitic stainless steel irradiated to 2 dpa
 Ioka, I., see Jitsukawa, S.
 Ioka, I., see Kikuchi, K.
 Ioki, K., see Cardella, A.
 Ioki, K., see Kalinin, G.
 Ioki, K., V. Barabash, A. Cardella, F. Elio, C. Ibbott, G. Janeschitz, G. Johnson, G. Kalinin, N. Miki, M. Onozuka, G. Sannazzaro, R. Tivey, Y. Utin and M. Yamada, Design and fabrication methods of FW/blanket, divertor and vacuum vessel for ITER
 Ioltukhovskiy, A.G., A.I. Blokhin, N.I. Budylkin, V.M. Chernov, M.V. Leont'eva-Smirnova, E.G. Mironova, E.A. Medvedeva, 294 (2001) 148
 298 (2001) 163
 278 (2000) 164
 295 (2001) 27
 297 (2001) 355
 290–293 (2001) 633
 290–293 (2001) 668
 282 (2000) 186
 281 (2000) 117
 290–293 (2001) 1176
 290–293 (2001) 12
 283–287 (2000) 677
 290–293 (2001) 930
 283–287 (2000) 1187
 297 (2001) 43
 299 (2001) 32
 271&272 (1999) 11
 271&272 (1999) 21
 277 (2000) 226
 300 (2002) 15
 283–287 (2000) 440
 271&272 (1999) 167
 296 (2001) 34
 283–287 (2000) 1105
 283–287 (2000) 10
 283–287 (2000) 957
 M.I. Solonin, S.I. Porollo and L.P. Zavyalsky, Material science and manufacturing of heat-resistant reduced-activation ferritic-martensitic steels for fusion
 Ioltukhovskiy, A.G., see Solonin, M.I.
 Ioltukhovsky, A., see Kapychev, V.
 Irby, J., see Boivin, R.L.
 Isaenkova, M., see Kim, Y.S.
 Iseki, M., see Atsumi, H.
 Iseki, M., see Horiki, M.
 Iseki, M., see Horiki, M.
 Iseki, T., see Yano, T.
 Ishida, I., see Okada, A.
 Ishida, I., see Okada, A.
 Ishihara, T., see Maeng, W.Y.
 Ishii, T. and T. Asaga, An investigation of the Pu migration phenomena during irradiation in fast reactor
 Ishii, T., M. Ohmi, J. Saito, T. Hoshiya, N. Ooka, S. Jitsukawa and M. Eto, Development of a small specimen test machine to evaluate irradiation embrittlement of fusion reactor materials
 Ishijima, K., see Okonogi, K.
 Ishijima, T., see Sakurai, S.
 Ishikawa, N., see Chimi, Y.
 Ishikawa, N., see Chimi, Y.
 Ishikura, S., see Kikuchi, K.
 Ishimoto, Y., see Nakashima, Y.
 Ishino, S., A. Kurui, S. Ichikawa, T. Inaba and T. Hasegawa, The effect of transmutation and displacement in irradiated copper for heat-sink materials
 Ishino, S., see Iwase, A.
 Ishino, S., see Sekimura, N.
 Ishinuki, E., see Nakashima, Y.
 Ishitsuka, E., H. Kawamura, T. Terai and S. Tanaka, Effects of helium production and radiation damage on tritium release behavior of neutron-irradiated beryllium pebbles
 Ishitsuka, E., see Sato, K.
 Ishiyama, S., see Johnson, W.R.
 Ishiyama, S., see Saito, S.
 Ishizawa, K., see Tamura, M.
 Islam, K.Md., see Nakashima, Y.
 Isler, R.C., see Allen, S.L.
 Isler, R.C., see Mahdavi, M.A.
 Isler, R.C., see West, W.P.
 Isler, R.C., see Whyte, D.G.
 Isobe, K., see Tadokoro, T.
 Isobe, K., Y. Hatano, M. Sugisaki, T. Hayashi, M. Nishi and K. Okuno, Observation of spatial distribution of tritium in zirco-
- 283–287 (2000) 652
 283–287 (2000) 1468
 283–287 (2000) 1429
 290–293 (2001) 542
 297 (2001) 292
 283–287 (2000) 1053
 271&272 (1999) 256
 283–287 (2000) 282
 289 (2001) 102
 271&272 (1999) 133
 271&272 (1999) 189
 275 (1999) 194
 294 (2001) 13
 283–287 (2000) 1023
 274 (1999) 167
 290–293 (2001) 1002
 271&272 (1999) 236
 297 (2001) 355
 296 (2001) 34
 290–293 (2001) 683
 283–287 (2000) 215
 276 (2000) 178
 271&272 (1999) 68
 290–293 (2001) 683
 283–287 (2000) 1401
 283–287 (2000) 1157
 283–287 (2000) 622
 283–287 (2000) 593
 283–287 (2000) 667
 290–293 (2001) 683
 290–293 (2001) 995
 290–293 (2001) 905
 290–293 (2001) 783
 290–293 (2001) 356
 283–287 (2000) 1048

- nium alloy with microautoradiography
- Isobe, Y., see Fukuda, T.
- Itabashi, Y., see Kurata, Y.
- Itagaki, N., see Kakiuchi, K.
- Itahashi, Y., see Matsui, Y.
- Itami, K., P. Coad, W. Fundamenksi, C. Ingesson, J. Lingerat, G.F. Matthews and A. Tabasso, Observation of detachment in the JET MkIIIB divertor using CCD camera tomography
- Itami, K., see Asakura, N.
- Itami, K., see Higashijima, S.
- Itami, K., see Sakasai, A.
- Itami, K., see Sakurai, S.
- ITER JCT and HTs, See Janeschitz, G.
- Ito, K., see Amaya, M.
- Itoh, A., see Akabori, M.
- Itoh, A., see Nakamura, K.
- Itoh, A., see Nakamura, K.
- Itoh, A., see Takano, M.
- Itoh, S., see Hirai, T.
- Itoh, S., see Hirai, T.
- Itoh, S., see Yoshida, N.
- Itoh, Y., see Sayano, A.
- Itou, N., H. Toyoda, K. Morita and H. Sugai, Rapid diffusion of lithium into bulk graphite in lithium conditioning
- Ivanov, A.D., A.V. Kozlov, M.V. Chernetsov and S.A. Averin, Irradiation examination of Cu-NiCrSi alloy for ITER applications
- Ivanov, A.D., S. Sato and G. Le Marois, Evaluation of hot isostatic pressing for joining of fusion reactor structural components
- Ivanov, A.D., see Kozlov, A.V.
- Ivanov, L.I., S.A. Maslyaev, V.N. Pimenov, E.V. Dyomina and Yu.M. Platov, The use of liquid metals in porous materials for divertor applications
- Ivanov, V.K., see Carballo, J.J.
- Iwai, T., see Ando, M.
- Iwai, T., see Iizuka, M.
- Iwai, T., see Iizuka, M.
- Iwai, T., see Katoh, Y.
- Iwai, T., see Nita, N.
- Iwai, T., see Sekimura, N.
- Iwai, T., see Shirai, O.
- Iwai, T., see Tanigawa, H.
- Iwai, T., see Tanigawa, H.
- Iwai, Y., see Shu, W.M.
- Iwakiri, H., K. Yasunaga, K. Morishita and N. Yoshida,
- 271&272 (1999) 326
283–287 (2000) 263
283–287 (2000) 386
294 (2001) 28
283–287 (2000) 997
- 290–293 (2001) 633
290–293 (2001) 825
290–293 (2001) 623
290–293 (2001) 957
290–293 (2001) 1002
- 290–293 (2001) 1
300 (2002) 57
289 (2001) 342
275 (1999) 151
275 (1999) 246
294 (2001) 24
283–287 (2000) 1177
290–293 (2001) 94
290–293 (2001) 1030
271&272 (1999) 467
- 290–293 (2001) 281
- 271&272 (1999) 139
- 283–287 (2000) 35
283–287 (2000) 193
- 271&272 (1999) 405
299 (2001) 181
283–287 (2000) 423
297 (2001) 43
299 (2001) 32
- 271&272 (1999) 115
283–287 (2000) 291
283–287 (2000) 224
277 (2000) 226
283–287 (2000) 470
297 (2001) 279
290–293 (2001) 482
- Microstructure evolution in tungsten during low-energy helium ion irradiation
- Iwamoto, A., see Tanifuji, T.
- Iwamoto, A., see Yamaki, D.
- Iwasaki, R., see Amaya, M.
- Iwase, A. and S. Ishino, Comparison between radiation effects in some fcc and bcc metals irradiated with energetic heavy ions – a review
- Iwase, A., L.E. Rehn, P.M. Baldo and L. Funk, Effects of He implantation on radiation induced segregation in Cu–Au and Ni–Si alloys
- Iwase, A., see Chimi, Y.
- Iwase, A., see Chimi, Y.
- Iwase, A., see Sekimura, N.
- Iwase, A., see Tobita, T.
- Iwase, A., see Yuya, H.
- Iwata, S., see Tsuji, H.
- Iwata, T., see Sekimura, N.
- Izumi, Y., see Shiiyama, K.
- Jackson, G.L., see Whyte, D.G.
- Jacob, W., see Behrisch, R.
- Jacob, W., see Voitsenya, V.S.
- Jacob, W., see von Keudell, A.
- Jaenicke, R., see Grigull, P.
- Jaffrezic, H., see Brossard, F.
- Jagielski, J., see Gentils, A.
- Jagodzinski, Y., see Tähtinen, S.
- Jagodzinski, Yu., A. Tarasenko, S. Smuk, S. Tähtinen and H. Hänninen, Internal friction study of hydrogen behaviour in low activated martensitic F82H steel
- Jahnke, U., see Hilscher, D.
- James, C.A., see Kolman, D.G.
- James, M.R., S.A. Maloy, F.D. Gac, W.F. Sommer, J. Chen and H. Ullmaier, The mechanical properties of an Alloy 718 window after irradiation in a sputtering environment
- James, M.R., see Caturla, M.J.
- James, M.R., see Garner, F.A.
- James, M.R., see Hamilton, M.L.
- James, M.R., see Maloy, S.A.
- James, M.R., see Sencer, B.H.
- James, W.J., see Xie, Y.
- Janeschitz, G. and ITER JCT and HTs, Plasma-wall interaction issues in ITER
- Janeschitz, G., see Federici, G.
- Janeschitz, G., see Federici, G.
- Janeschitz, G., see Igitkhanov, Yu.
- Janeschitz, G., see Ioki, K.
- Janeschitz, G., see Kukushkin, A.S.
- 271&272 (1999) 321
271&272 (1999) 236
297 (2001) 355
- 271&272 (1999) 68
299 (2001) 267
- 271&272 (1999) 7
- 271&272 (1999) 486
- 271&272 (1999) 68
- 283–287 (2000) 912
- 290–293 (2001) 356
281 (2000) 42
- 290–293 (2001) 336
- 290–293 (2001) 231
- 290–293 (2001) 1009
279 (2000) 153
- 300 (2002) 266
- 283–287 (2000) 255
- 275 (1999) 47
296 (2001) 83
282 (2000) 245
- 296 (2001) 139
296 (2001) 90
296 (2001) 66
- 283–287 (2000) 418
296 (2001) 119
- 283–287 (2000) 324
289 (2001) 48
- 290–293 (2001) 1
283–287 (2000) 110
- 290–293 (2001) 260
- 290–293 (2001) 99
- 283–287 (2000) 957
- 290–293 (2001) 887

- Janeschitz, G., see Yamamoto, S.
- Janev, R.K., Yu.V. Ralchenko, T. Kenmotsu and K. Hosaka, Unified analytic representation of physical sputtering yield
- Jani, P., see Csordás, A.P.
- Jayakumar, R., see Allen, S.L.
- Jayaraj, R.N., see Balakrishna, P.
- Jeapes, A.P., see Sazhin, S.S.
- Jee, K.-Y., see Kim, J.-G.
- Jégou, C., S. Gin and F. Larché, Alteration kinetics of a simplified nuclear glass in an aqueous medium: effects of solution chemistry and of protective gel properties on diminishing the alteration rate
- Jégou, C., see Vernaz, E.
- Jena, H., R. Asuvathraman and K.V. Govindan Kutty, Combustion synthesis and thermal expansion measurements of the rare earth–uranium ternary oxides $\text{RE}_6\text{UO}_{12}$ ($\text{RE}=\text{La, Nd and Sm}$)
- Jenkins, J.A., see Usami, T.
- Jenkins, M.L., see Kirk, M.A.
- Jensson, A., see Was, G.S.
- Jeong, Y.H., K.H. Kim and J.H. Baek, Cation incorporation into zirconium oxide in LiOH , NaOH , and KOH solutions
- Jeong, Y.H., see Baek, J.H.
- Jeong, Y.H., see Kim, J.M.
- Jeong, Y.-H., see Yoo, H.-I.
- Jernigan, T.C., see Baylor, L.R.
- JET Team, see Lang, P.T.
- Jia, X., see Dai, Y.
- Jiang, W., see Thevuthasan, S.
- Jiang, W., W.J. Weber, S. Thevuthasan and V. Shuttanandan, Accumulation and recovery of disorder on silicon and carbon sublattices in ion-irradiated 6H-SiC
- Jie, Y., see Gong, X.
- Jie, Y.X., see Gao, X.
- Jiguang, S., see Sagaradze, V.V.
- Jiménez-Becerril, J., see Carrera, L.M.
- Jin, Y., see Zhang, C.
- Jin, Y.F., see Wang, Z.G.
- Jinchoh, M., see Yuya, H.
- Jistukawa, S., see Wakai, E.
- Jistukawa, S., see Wakai, E.
- Jitsukawa, S., A. Naito and J. Segawa, Effect of size and configuration of 3-point bend bar specimens on J - R curves
- Jitsukawa, S., I. Ioka and A. Hishinuma, Post-irradiation mechan-
- ical properties of austenitic alloys at temperatures below 703 K
- Jitsukawa, S., see Hashimoto, N.
- Jitsukawa, S., see Ishii, T.
- Jitsukawa, S., see Kohyama, A.
- Jitsukawa, S., see Niimi, M.
- Jitsukawa, S., see Tanigawa, H.
- Jitsukawa, S., see Tanigawa, H.
- Jitsukawa, S., see van der Schaaf, B.
- Jitsukawa, S., see Yamaki, D.
- Johnson, D., see Kugel, H.W.
- Johnson, D., see Kugel, H.W.
- Johnson, G., see Ioki, K.
- Johnson, P.B., R.W. Thomson and K. Reader, TEM and SEM studies of radiation blistering in helium-implanted copper
- Johnson, W.R., P.W. Trester, S. Sengoku, S. Ishiyama, K. Fukaya, M. Eto, T. Oda, Y. Hirohata, T. Hino and H. Tsai, Performance of V-4Cr-4Ti alloy exposed to the JFT-2M tokamak environment
- Johnson, W.R., see Bray, T.S.
- Jollivet, P., see Advocat, T.
- Jollivet, P., Y. Minet, M. Nicolas and É. Vernaz, Simulated alteration tests on non-radioactive SON 68 nuclear glass in the presence of corrosion products and environmental materials
- Jomard, G., see Petit, T.
- Joneja, O.P., see Paratte, J.M.
- Jones, R.E., D. Petrak, J. Rabe and A. Szweda, *SYLRAMIC™ SiC* fibers for CMC reinforcement
- Jones, R.H., H.L. Heinisch and K.A. McCarthy, Low activation materials
- Jones, R.H., see Hasegawa, A.
- Jones, R.H., see Hasegawa, A.
- Jones, R.H., see Lewinsohn, C.A.
- Jones, R.H., see Lewinsohn, C.A.
- Jones, R.H., see Youngblood, G.E.
- Jones, T.T.C., see Lang, P.T.
- Jones, T.T.C., see Menhart, S.
- Joo, H.-K., see Kasemeyer, U.
- Joseph, K., R. Sridharan and T. Gnanasekaran, Kinetics of thermal decomposition of $\text{Th}(\text{C}_2\text{O}_4)_2 \cdot 6\text{H}_2\text{O}$
- Joseph, K., see Anthonysamy, S.
- Jostsons, A., see Zhang, Y.
- Joung, C.Y., see Lee, Y.-W.
- JT-60 Team, see Sakurai, S.
- Jung, P., C. Liu and J. Chen, Retention of implanted hydrogen and helium in martensitic stain-
- 283–287 (2000) 60
290–293 (2001) 104
282 (2000) 205
290–293 (2001) 995
297 (2001) 35
275 (1999) 231
297 (2001) 327
280 (2000) 216
298 (2001) 27
280 (2000) 312
300 (2002) 15
276 (2000) 50
300 (2002) 198
275 (1999) 221
280 (2000) 235
275 (1999) 74
299 (2001) 235
290–293 (2001) 398
290–293 (2001) 374
296 (2001) 174
289 (2001) 204
289 (2001) 96
290–293 (2001) 1171
279 (2000) 330
295 (2001) 265
299 (2001) 242
283–287 (2000) 259
271&272 (1999) 306
271&272 (1999) 7
283–287 (2000) 435
283–287 (2000) 799
271&272 (1999) 87
271&272 (1999) 167
283–287 (2000) 528
283–287 (2000) 1023
283–287 (2000) 20
271&272 (1999) 92
283–287 (2000) 470
297 (2001) 279
283–287 (2000) 52
283–287 (2000) 1414
290–293 (2001) 1185
300 (2002) 278
283–287 (2000) 957
273 (1999) 117
283–287 (2000) 622
283–287 (2000) 633
298 (2001) 55
281 (2000) 231
275 (1999) 119
274 (1999) 120
283–287 (2000) 556
271&272 (1999) 518
283–287 (2000) 128
283–287 (2000) 811
283–287 (2000) 584
289 (2001) 10
289 (2001) 1
290–293 (2001) 374
290–293 (2001) 673
274 (1999) 160
281 (2000) 129
280 (2000) 25
289 (2001) 254
274 (1999) 7
290–293 (2001) 1002

- less steels and their effects on mechanical properties
- Jung, P., H. Klein and J. Chen, A comparison of defects in helium implanted α - and β -SiC
- Jung, P., see Farrell, K.
- Jung, P., see Schliefer, F.
- Jung, Y.-h., see Kim, Y.-s.
- Jung, Y.H., see Lee, C.B.
- Jung, Y.H., see Lee, C.B.
- Jung, Y.H., see Lee, C.B.
- Jung, Y.H., see Song, K.W.
- Kado, S., see Kobayashi, K.
- Kado, S., see Masuzaki, S.
- Kado, S., see Xiao, B.
- Kai, J.J., see Duh, T.S.
- Kai, J.J., see Duh, T.S.
- Kai, T., see Kikuchi, K.
- Kaimal, K.N.G., see Ali (Basu), M.
- Kaita, R., see Kugel, H.W.
- Kaita, R., see Kugel, H.W.
- Kaito, T., see Ukai, S.
- Kakiuchi, K., N. Itagaki, T. Furuya, T. Hattori, Y. Nakazono, F. Ono, K. Yamaguchi and M. Yamawaki, Thermal properties of hydride fuel 45% U– $ZrH_{1.6}$
- Kakuta, T., see Nakamura, H.
- Kalashnikov, A.N., see Chernov, I.I.
- Kale, G.B., see Bhanumurthy, K.
- Kale, G.B., see Patil, R.V.
- Kalekar, B.B., K.V. Rajagopalan, C.G.S. Pillai, P.V. Ravindran and P.K. Mathur, Thermal and X-ray diffraction studies on the phase equilibria in the system $UO_2(No_3)_2 \cdot 6H_2O - NaNO_3$
- Kaliappan, I., see Anthonysamy, S.
- Kalin, B., V. Fedotov, O. Sevryukov, A. Plyuschev, I. Mazul, A. Gervash and R. Giniatulin, Be–Cu joints based on amorphous alloy brazing for divertor and first wall application
- Kalin, B.A., see Chernov, I.I.
- Kalinin, G., see Ioki, K.
- Kalinin, G., see Majumdar, S.
- Kalinin, G., see Tanaka, S.
- Kalinin, G., see Tsuchiya, K.
- Kalinin, G., V. Barabash, A. Carrella, J. Dietz, K. Ioki, R. Matera, R.T. Santoro and R. Tivey, Assessment and selection of materials for ITER in-vessel components
- 296 (2001) 165
- 283–287 (2000) 806
279 (2000) 77
- 283–287 (2000) 540
279 (2000) 335
279 (2000) 207
282 (2000) 196
288 (2001) 29
277 (2000) 123
279 (2000) 253
279 (2000) 356
288 (2001) 92
- 290–293 (2001) 648
- 290–293 (2001) 12
- 290–293 (2001) 793
- 283–287 (2000) 198
294 (2001) 267
296 (2001) 34
282 (2000) 261
- 290–293 (2001) 1185
300 (2002) 278
278 (2000) 320
- 294 (2001) 28
- 297 (2001) 285
- 271&272 (1999) 333
297 (2001) 220
297 (2001) 153
- 279 (2000) 245
278 (2000) 346
- 271&272 (1999) 410
- 271&272 (1999) 333
- 283–287 (2000) 957
- 283–287 (2000) 1424
- 271&272 (1999) 478
- 283–287 (2000) 1210
- 283–287 (2000) 10
- Kalinin, G.M., see Rodchenkov, B.S.
- Kalkhof, D., see Grosse, M.
- Kallenbach, A., A. Carlson, G. Pautasso, A. Peeters, U. Seidel, H.-P. Zehrfeld and ASDEX Upgrade Team, Electric currents in the scrape-off layer in ASDEX Upgrade
- Kallenbach, A., see Fuchs, J.C.
- Kallenbach, A., see Neu, R.
- Kallenbach, A., see Pugno, R.
- Kamachi Mudali, U., V.R. Raju and R.K. Dayal, Preparation and characterisation of platinum and platinum–iridium coated titanium electrodes
- Kamada, T., see Fukuda, T.
- Kamada, T., see Okita, T.
- Kamimae, K., see Nishikawa, M.
- Kamimura, K., see Amaya, M.
- Kamruddin, M., see Dash, S.
- Kamruddin, M., see Dash, S.
- Kamyshchenko, N.V., V.V. Krasil'nikov, I.M. Nekliudov and A.A. Parkhomenko, Influence of irradiation on the dislocation kinetics with allowance for the dislocation velocity distribution
- Kanazawa, H., see Yamashita, T.
- Kanda, H., N. Hashimoto and H. Takahashi, Effect of solute concentration on grain boundary migration with segregation in stainless steel and model alloys
- Kandan, R., see Prabhakara Reddy, B.
- Kaneko, O., see Peterson, B.J.
- Kaneshima, Y., see Fukuda, T.
- Kang, C.H., see Chun, K.S.
- Kang, K.W., see Song, K.W.
- Kang, K.W., see Song, K.W.
- Kang, S.-H., J.-H. Lee, H.-I. Yoo, H.S. Kim and Y.W. Lee, Non-stoichiometry, electrical conductivity and defect structure of hyper-stoichiometric UO_{2+x} at 1000 °C
- Kang, Y.C., M.M. Milovancev, D.A. Clauss, M.A. Lange and R.D. Ramsier, Ultra-high vacuum investigation of the surface chemistry of zirconium
- Kang, Y.H., see Maeng, W.Y.
- Kano, F., see Kawano, S.
- Kano, S., see Tsuji, H.
- Kanzaki, Y., see Sekimura, N.
- Kanzleiter, R.J., see Stotler, D.P.
- Kappler, F., see Würz, H.
- Kapychev, V., D. Davydov, V. Gorokhov, A. Ioltukhovsky,
- 283–287 (2000) 1166
296 (2001) 305
- 290–293 (2001) 639
- 290–293 (2001) 525
- 290–293 (2001) 206
- 290–293 (2001) 308
- 277 (2000) 49
- 283–287 (2000) 263
- 283–287 (2000) 220
277 (2000) 99
300 (2002) 57
278 (2000) 173
295 (2001) 281
- 271&272 (1999) 84
274 (1999) 98
- 271&272 (1999) 311
- 294 (2001) 112
- 290–293 (2001) 930
- 283–287 (2000) 263
298 (2001) 150
279 (2000) 253
288 (2001) 92
- 277 (2000) 339
- 281 (2000) 57
275 (1999) 194
- 283–287 (2000) 1220
- 271&272 (1999) 486
- 271&272 (1999) 68
- 290–293 (2001) 967
- 290–293 (2001) 1138

- Yu. Kazennov, V. Tebus, V. Frolov, A. Shikov, N. Shishkov, V. Kovalenko, N. Shishkin and Yu. Strebkov, Materials and fabrication technology of modules intended for irradiation tests of blanket tritium-breeding zones in Russian fusion reactor projects
283–287 (2000) 1429
- Kapychev, V., see Tebus, V.
- Karditsas, P.J., S.M. Ali and D. Wan, Copper corrosion and activation in water cooling loops under fusion irradiation conditions
283–287 (2000) 1346
- Karditsas, P.J., see Forty, C.B.A.
- Karpukhin, V.I., see Nikolaenko, V.A.
- Kasada, R. and A. Kimura, Modeling of microstructure evolution and mechanical property change of reduced-activation martensitic steel during varying-temperature irradiation
283–287 (2000) 188
- Kasada, R., A. Kimura, H. Matsui, M. Hasegawa and M. Narui, Effects of varying temperature irradiation on the neutron irradiation hardening of reduced-activation 9Cr–2W martensitic steels
271&272 (1999) 360
- Kasada, R., see Kimura, A.
- Kasada, R., T. Morimura, A. Hasegawa and A. Kimura, Effect of helium implantation on mechanical properties and microstructure evolution of reduced-activation 9Cr–2W martensitic steel
283–287 (2000) 827
- Kasai, S., see Yamamoto, S.
- Kasar, U.M., see Keskar, M.
- Kasemeyer, U., H.-K. Joo and G. Ledergerber, Design study of an irradiation experiment with inert matrix and mixed-oxide fuel at the Halden boiling water reactor
299 (2001) 83
- Kasemeyer, U., see Stanculescu, A.
- Kashiwa, Y., see Ogawa, T.
- Kashparov, V.A., V.P. Protsak, N. Ahamdach, D. Stammose, J.M. Peres, V.I. Yoschenko and S.I. Zvarich, Dissolution kinetics of particles of irradiated Chernobyl nuclear fuel: influence of pH and oxidation state on the release of radionuclides in the contaminated soil of Chernobyl
274 (1999) 160
- Kashyap, B.P., see Choudhary, B.K.
- Kashyap, B.P., see Shukla, S.V.
274 (1999) 146
- Kashyap, B.P., see Choudhary, B.K.
290–293 (2001) 454
- Katano, Y., see Mukouda, I.
- Katano, Y., see Nakazawa, T.
- Katano, Y., see Nakazawa, T.
279 (2000) 201
- Katano, Y., T. Aruga, S. Yamamoto, T. Nakazawa, D. Yamaki and K. Noda, Effects of co-implanted oxygen or aluminum atoms on hydrogen migration and damage structure in multiple-beam irradiated Al₂O₃
297 (2001) 69
- Katanuma, I., see Nakashima, Y.
- Kato, T., see Tokunaga, K.
- Katoh, Y., H. Tanigawa, T. Muroga, T. Iwai and A. Kohyama, The influence of helium co-implantation on ion-induced hardening of low activation ferritic steel evaluated by micro-indentation technique
283–287 (2000) 942
- Katoh, Y., M. Kotani, A. Kohyama, M. Montorsi, M. Salvo and M. Ferraris, Microstructure and mechanical properties of low-activation glass-ceramic joining and coating for SiC/SiC composites
290–293 (2001) 683
- Katoh, Y., M. Kotani, H. Kishimoto, W. Yang and A. Kohyama, Properties and radiation effects in high-temperature pyrolyzed PIP-SiC/SiC
271&272 (1999) 1121
- Katoh, Y., M. Kotani, H. Kishimoto, W. Yang and A. Kohyama, Properties and radiation effects in high-temperature pyrolyzed PIP-SiC/SiC
283–287 (2000) 1262
- Katoh, Y., M. Kotani, H. Kishimoto, W. Yang and A. Kohyama, Erratum to ‘Properties and radiation effects in high-temperature pyrolyzed PIP-SiC/SiC’ [J. Nucl. Mater. 289 (2001) 42–47]
289 (2001) 42
- Katoh, Y., R.E. Stoller, A. Kohyama and T. Muroga, Simulating the influence of radiation temperature variations on microstructural evolution
295 (2001) 131
- Katoh, Y., see Ando, M.
Katoh, Y., see Ando, M.
Katoh, Y., see Hinoki, T.
Katoh, Y., see Hinoki, T.
Katoh, Y., see Hirose, T.
Katoh, Y., see Inoue, N.
Katoh, Y., see Kohno, Y.
Katoh, Y., see Kohyama, A.
Katoh, Y., see Kotani, M.
Katoh, Y., see Lee, S.P.
Katoh, Y., see Lewinsohn, C.A.
Katoh, Y., see Snead, L.L.
Katoh, Y., see Snead, L.L.
Katoh, Y., see Tanigawa, H.
Katoh, Y., see Tanigawa, H.
Kaufmann, M., see Lang, P.T.
Kawabata, A., see Muroga, T.
283–287 (2000) 313
- Kawabata, A., see Muroga, T.
283–287 (2000) 302
- Kawabata, A., see Muroga, T.
283–287 (2000) 201
- Kawabata, A., see Muroga, T.
283–287 (2000) 69
- Kawabata, A., see Muroga, T.
283–287 (2000) 112

- Kawagoe, T., M. Nishikawa, A. Baba and S. Beloglazov, Surface inventory of tritium on Li_2TiO_3 297 (2001) 27
- Kawahata, K., see Masuzaki, S. 290–293 (2001) 12
- Kawahata, K., see Nakamura, Y. 290–293 (2001) 1040
- Kawahata, K., see Peterson, B.J. 290–293 (2001) 930
- Kawai, M., K. Kikuchi, H. Kurishita, J.-F. Li and M. Furusaka, Fabrication of a tantalum-clad tungsten target for KENS 296 (2001) 312
- Kawakami, R., see Ohya, K. 283–287 (2000) 1182
- Kawakami, R., see Ohya, K. 290–293 (2001) 303
- Kawamoto, K., see Yamana, H. 294 (2001) 53
- Kawamura, H., see Ishitsuka, E. 283–287 (2000) 1401
- Kawamura, H., see Sato, K. 283–287 (2000) 1157
- Kawamura, H., see Scaffidi-Argentina, F. 283–287 (2000) 43
- Kawamura, H., see Tsuchiya, K. 283–287 (2000) 1210
- Kawamura, H., see Tsuchiya, K. 283–287 (2000) 1380
- Kawamura, H., see van der Laan, J.G. 283–287 (2000) 99
- Kawamura, T., see Hirooka, Y. 290–293 (2001) 423
- Kawamura, T., see Ono, T. 290–293 (2001) 140
- Kawamura, Y., see Shu, W.M. 290–293 (2001) 482
- Kawano, S., K. Fukuya, F. Kano, M. Satou, A. Hasegawa and K. Abe, Effect of weld thermal cycle and restraint stress on helium bubble formation in stainless steels 283–287 (2000) 1220
- Kawasaki, Y., see Nakashima, Y. 290–293 (2001) 683
- Kawashima, H., see Tsuzuki, K. 283–287 (2000) 681
- Kawatsura, K., N. Shimatani, T. Igarashi, T. Inoue, N. Terazawa, S. Arai, Y. Aoki, S. Yamamoto, K. Narumi, H. Naramoto, Y. Horino, Y. Mokuno and K. Fujii, Radiation-induced amorphization and recrystallization of α -SiC single crystal 271&272 (1999) 11
- Kawatsura, K., see Mitamura, T. 271&272 (1999) 15
- Kawatsura, K., see Mitamura, T. 271&272 (1999) 21
- Kayano, H., see Kitsunai, Y. 271&272 (1999) 423
- Kaye, S., see Kugel, H.W. 290–293 (2001) 1185
- Kaye, S., see Kugel, H.W. 300 (2002) 278
- Kazakov, V.A., see Kurtz, R.J. 283–287 (2000) 70
- Kazakov, V.A., V.P. Chakin and Yu.D. Goncharenko, Corrosion of some V- and Nb-base alloys under irradiation in water 271&272 (1999) 463
- Kazakov, V.A., Z. Ostrovsky, Yu. Goncharenko and V. Chakin, Features of radiation damage of vanadium and its alloys at a temperature of 330–340 °C 283–287 (2000) 727
- Kazaryan, A.V., see Ryazanov, A. 271&272 (1999) 356
- Kazennov, Yu., see Kapichev, V. 283–287 (2000) 1429
- Kearns, J.J., On the relationship among '*f*' texture factors for the principal planes of zirconium, hafnium and titanium alloys 299 (2001) 171
- Keilova, E., see Miller, M.K. 282 (2000) 83
- Keinonen, J., see Salonen, E. 290–293 (2001) 144
- Keinonen, J., see Vainonen-Ahlgren, E. 290–293 (2001) 216
- Keiser Jr., D.D., D.P. Abraham and J.W. Richardson Jr., Influence of technetium on the microstructure of a stainless steel-zirconium alloy 277 (2000) 333
- Keiser Jr., D.D., D.P. Abraham, W. Sinkler, J.W. Richardson Jr. and S.M. McDeavitt, Actinide distribution in a stainless steel-15 wt% zirconium high-level nuclear waste form 279 (2000) 234
- Kellman, A.G., see Mahdavi, M.A. 290–293 (2001) 905
- Kenik, E.A., see Allen, T.R. 278 (2000) 149
- Kenik, E.A., see Was, G.S. 300 (2002) 198
- Kenmotsu, K., see Shiraishi, T. 273 (1999) 60
- Kenmotsu, T., see Hirooka, Y. 290–293 (2001) 423
- Kenmotsu, T., see Janev, R.K. 290–293 (2001) 104
- Kenmotsu, T., see Ono, T. 290–293 (2001) 140
- Kennedy, T.A., see Regan, T.M. 300 (2002) 47
- Kenzhin, E.A., see Kulsartov, T.V. 283–287 (2000) 872
- Kerkar, A.S., see Ali (Basu), M. 282 (2000) 261
- Kerkar, A.S., see Ali (Basu), M. 289 (2001) 243
- Kerkar, A.S., see Ali (Basu), M. 299 (2001) 165
- Kerkar, A.S., see Bharadwaj, S.R. 275 (1999) 201
- Kerkar, A.S., see Das, D. 281 (2000) 203
- Kerner, Z., see Nagy, G. 297 (2001) 62
- Kerner, Z., see Nagy, G. 300 (2002) 230
- Keskar, M., U.M. Kasar and K.D.S. Mudher, Solid state reactions of UO_2 , ThO_2 and their mixed oxides with sulphates of potassium 282 (2000) 146
- Khan, K.B., see Kutty, T.R.G. 282 (2000) 54
- Khan, K.B., see Kutty, T.R.G. 297 (2001) 120
- Khatak, H.S., see Parvathavarthini, N. 288 (2001) 187
- Khirpunov, B.I., see Guseva, M.I. 290–293 (2001) 1069
- Khriachtchev, L., see Vainonen-Ahlgren, E. 290–293 (2001) 216
- Khrupunov, B.I., see Arkhipov, I.I. 271&272 (1999) 418
- Khrupunov, B.I., see Litnovsky, A.M. 290–293 (2001) 1107
- Khrupunov, B.I., V.B. Petrov, V.V. Shapkin, A.S. Pleshakov, A.S. Rupyshev, N.V. Antonov, A.M. Litnovsky, P.V. Romanov, Yu.S. Shpansky, V.A. Evtikhin, I.E. Lyublinsky and A.V. Vertkov, Experimental study of lithium target under high power load 290–293 (2001) 201
- Kienzler, B., see Luckscheiter, B. 298 (2001) 155
- Kikkawa, S., see Inagaki, Y. 298 (2001) 168
- Kikuchi, K., see Kawai, M. 296 (2001) 312
- Kikuchi, K., T. Sasa, S. Ishikura, K. Mukugi, T. Kai, N. Ouchi and I. Ioka, Current status of JAERI

- spallation target material program
Kikuchi, M., see Saito, S.
Kikuchi, T., see Kurata, Y.
Kim, B.G., Y. Choi, J.W. Lee, Y.W.
Lee, D.S. Sohn and G.M. Kim,
Multi-layer coating of silicon carbide and pyrolytic carbon on UO₂ pellets by a combustion reaction
Kim, C.K., see Seong, B.-S.
Kim, D.H., see Lee, C.B.
Kim, D.H., see Lee, C.B.
Kim, D.J., see Kim, J.H.
Kim, G.M., see Kim, B.G.
Kim, G.-m., see Kim, J.-k.
Kim, H.P., see Hwang, S.S.
Kim, H.S., see Hong, H.S.
Kim, H.S., see Kang, S.-H.
Kim, H.S., see Lee, Y.-W.
Kim, I.-S., J.D. Hunn, N. Hashimoto, D.L. Larson, P.J. Maziasz, K. Miyahara and E.H. Lee, Defect and void evolution in oxide dispersion strengthened ferritic steels under 3.2 MeV Fe⁺ ion irradiation with simultaneous helium injection
Kim, I.S., see Baek, J.H.
Kim, I.S., see Byun, T.S.
Kim, I.S., see Cheon, J.S.
Kim, J., see Kim, S.
Kim, J.-G., Y.-K. Ha, S.-D. Park, K.-Y. Jee and W.-H. Kim, Effect of a trivalent dopant, Gd³⁺, on the oxidation of uranium dioxide
Kim, J.H., Y.J. Oh, I.S. Hwang, D.J. Kim and J.T. Kim, Fracture behavior of heat-affected zone in low alloy steels
Kim, J.-k., G.-m. Kim and S.-j. Kim, The effect of manganese on the strain-induced martensitic transformation and high temperature wear resistance of Fe-20Cr-1C-1Si hardfacing alloy
Kim, J.K., see Kim, S.-J.
Kim, J.M. and Y.H. Jeong, Influence of thermomechanical treatment on the corrosion behavior of Zr-1Nb-0.2Cu alloys
Kim, J.S., see Hwang, S.S.
Kim, J.T., see Kim, J.H.
Kim, J.-W., D.P. Coster, J. Neuhauser, R. Schneider and ASDEX Upgrade Team, ASDEX-Upgrade edge transport scalings from the two-dimensional interpretative code B2.5-I
Kim, K.H., see Jeong, Y.H.
- 296 (2001) 34
283–287 (2000) 593
283–287 (2000) 386
281 (2000) 163
277 (2000) 274
282 (2000) 196
288 (2001) 29
299 (2001) 132
281 (2000) 163
289 (2001) 263
275 (1999) 28
280 (2000) 230
277 (2000) 339
274 (1999) 7
280 (2000) 264
280 (2000) 235
277 (2000) 263
278 (2000) 96
288 (2001) 163
297 (2001) 327
299 (2001) 132
289 (2001) 263
288 (2001) 163
275 (1999) 74
275 (1999) 28
299 (2001) 132
290–293 (2001) 644
275 (1999) 221
- Kim, K.H., see Lee, J.-S.
Kim, K.H., see Seong, B.-S.
Kim, K.S., see Song, K.W.
Kim, K.-S., see You, G.-S.
Kim, K.T., see Lee, K.W.
Kim, M.H., see Chun, Y.B.
Kim, M.-H., see Maeng, W.-Y.
Kim, S.H., see Byun, T.S.
Kim, S.H., see Lee, Y.-W.
Kim, S.J., see Hong, H.S.
Kim, S.J., see Hong, H.S.
Kim, S.J., see Hong, H.S.
Kim, S.-J. and J.-K. Kim, Effects of temperature and contact stress on the sliding wear of Ni-base Deloro 50 hardfacing alloy
Kim, S.-j., see Kim, J.-k.
Kim, S.-k., see Kim, Y.-s.
Kim, S.k., see Lee, K.W.
Kim, S.S. and Y.S. Kim, K_{IH} in radial textured Zr-2.5%Nb pressure tube
Kim, S.S., S.C. Kwon and Y.S. Kim, The effect of texture variation on delayed hydride cracking behavior of Zr-2.5% Nb plate
Kim, S.S., see Chun, K.S.
Kim, S.S., see Kim, Y.S.
Kim, S.S., see Kim, Y.S.
Kim, S.S., see Kim, Y.S.
Kim, U.C., see Hwang, S.S.
Kim, U.C., see Hur, D.H.
Kim, W.-H., see Kim, J.-G.
Kim, Y.S., A thermodynamic evaluation of the U-O system from UO₂ to U₃O₈
Kim, Y.M., see Song, K.W.
Kim, Y.S., S.C. Kwon and S.S. Kim, Crack growth pattern and threshold stress intensity factor, K_{IH} , of Zr-2.5Nb alloy with the notch direction
Kim, Y.-s., S.-k. Kim, J.-g. Bang and Y.-H. Jung, Effects of Sn and Nb on massive hydriding kinetics of Zr-XSn-YNb alloy
Kim, Y.-S., see Choo, K.-N.
Kim, Y.S., see Kim, S.S.
Kim, Y.S., see Kim, S.S.
Kim, Y.S., Y.G. Matvienko, Y.M. Cheong, S.S. Kim and S.C. Kwon, A model of the threshold stress intensity factor, K_{IH} , for delayed hydride cracking of Zr-2.5Nb alloy
Kim, Y.S., Yu. Perlovich, M. Isaenkova, S.S. Kim and Y.M.
- 280 (2000) 116
277 (2000) 274
277 (2000) 123
279 (2000) 253
279 (2000) 356
288 (2001) 92
277 (2000) 325
295 (2001) 21
295 (2001) 31
282 (2000) 32
277 (2000) 263
274 (1999) 7
273 (1999) 177
280 (2000) 230
297 (2001) 113
288 (2001) 163
289 (2001) 263
279 (2000) 335
295 (2001) 21
279 (2000) 286
273 (1999) 52
298 (2001) 150
278 (2000) 251
280 (2000) 304
297 (2001) 292
275 (1999) 28
299 (2001) 271
297 (2001) 327
279 (2000) 173
279 (2000) 253
280 (2000) 304
279 (2000) 335
297 (2001) 52
273 (1999) 52
279 (2000) 286
278 (2000) 251

- Cheong, Precipitation of re-oriented hydrides and textural change of α -zirconium grains during delayed hydride cracking of Zr-2.5%Nb pressure tube
- Kimura, A., R. Kasada, R. Sugano, A. Hasegawa and H. Matsui, Annealing behavior of irradiation hardening and microstructure in helium-implanted reduced activation martensitic steel
- Kimura, A., see Candra, Y.
- Kimura, A., see Kasada, R.
- Kimura, A., see Kasada, R.
- Kimura, A., see Kasada, R.
- Kimura, A., see Nita, N.
- Kimura, A., see van der Schaaf, B.
- Kimura, H., H. Takano and T. Muromura, A study of actinide decay chains on the environmental effect of a geologic disposal of 'rock-like oxide' fuels and uranium-plutonium oxide fuels
- Kimura, H., see Ogawa, T.
- Kimura, H., see Tsuzuki, K.
- King, J.F., see Grossbeck, M.L.
- Kinoshita, C., see Abromeit, C.
- Kinoshita, C., see Howlader, M.M.R.
- Kinoshita, C., see Lee, J.H.
- Kinoshita, C., see Shiiyama, K.
- Kinoshita, C., see Shikama, T.
- Kinoshita, C., see Soeda, T.
- Kinoshita, C., see Yasuda, K.
- Kinoshita, K., see Harano, H.
- Kiran Kumar, P.V., M.V. Suryanarayana and S. Gangadharan, Selective excitation of odd gadolinium isotopes using two colour photoionisation schemes
- Kirillov, A., see Gorshkov, A.
- Kiritani, M., Similarity and difference between fcc, bcc and hcp metals from the view point of point defect cluster formation
- Kiritani, M., see Horiki, M.
- Kiritani, M., see Horiki, M.
- Kiritani, M., see Yoshiie, T.
- Kiritani, M., see Yoshiie, T.
- Kirk, M.A., M.L. Jenkins and H. Fukushima, The search for interstitial dislocation loops produced in displacement cascades at 20 K in copper
- Kirk, M.A., see Daulton, T.L.
- Kirk, M.A., see Sagardze, V.V.
- Kirk, M.A., see Sagardze, V.V.
- Kirschner, A., A. Huber, V. Philipp, A. Pospieszczyk, P. Wienhold and J. Winter, Modelling of erosion and deposition at limiter surfaces and divertor target plates
- Kirschner, A., see Huber, A.
- Kirschner, A., see Pospieszczyk, A.
- Kirschner, A., see Rubel, M.
- Kirschner, A., see Wienhold, P.
- Kiryushatov, O.A., see Zaykin, Yu.A.
- Kishi, N., see Morita, K.
- Kishimoto, H., see Katoh, Y.
- Kishimoto, H., see Katoh, Y.
- Kishimoto, N., H. Amekura, O.A. Plaksin and V.A. Stepanov, Radiation-induced conductivity of doped silicon in response to photon, proton and neutron irradiation
- Kishore, R. and T.K. Sinha, Modification of microstructure and the alligatoring damage in a modified 9Cr-1Mo steel
- Kishore, R., see Shukla, S.V.
- Kissane, M.P., see Manenc, H.
- Kisslinger, J., see Grigull, P.
- Kisslinger, J., see König, R.W.T.
- Kitsunai, Y., H. Kurishita, H. Kayano, Y. Hiraoka, T. Igarashi and T. Takida, Microstructure and impact properties of ultra-fine grained tungsten alloys dispersed with TiC
- Kizu, K., A. Pisarev and T. Tanabe, Co-permeation of deuterium and hydrogen through Pd
- Kjellberg, L., see Ramebäck, H.
- Klages, K.U., see Goldstrass, P.
- Klein, H., see Jung, P.
- Klepikov, E.Yu., see Gorynin, I.V.
- Kleykamp, H., Chemical interactions in the EXOTIC-7 experiment
- Kleykamp, H., Chemical reactivity of SiC fibre-reinforced SiC with beryllium and lithium ceramic breeder materials
- Kleykamp, H., Enthalpy, heat capacity and enthalpy of transformation of Li_2TiO_3
- Kleykamp, H., Fission product precipitates in irradiated uranium carbonitride fuel
- Kleykamp, H., Phase equilibria in the UO_2-PuO_2 system under a temperature gradient
- Kleykamp, H., Selected thermal properties of beryllium and phase equilibria in beryllium systems relevant for nuclear fusion reactor blankets
- 297 (2001) 292
 283–287 (2000) 827
 271&272 (1999) 301
 271&272 (1999) 360
 283–287 (2000) 188
 299 (2001) 83
 271&272 (1999) 365
 283–287 (2000) 52
 274 (1999) 197
 290–293 (2001) 454
 283–287 (2000) 681
 283–287 (2000) 1356
 276 (2000) 104
 283–287 (2000) 885
 289 (2001) 335
 283–287 (2000) 912
 271&272 (1999) 560
 283–287 (2000) 952
 283–287 (2000) 937
 280 (2000) 255
 282 (2000) 255
 273 (1999) 271
 276 (2000) 41
 271&272 (1999) 256
 283–287 (2000) 282
 271&272 (1999) 296
 283–287 (2000) 229
 276 (2000) 50
 276 (2000) 258
 274 (1999) 287
 280 (2000) 345
 290–293 (2001) 238
 290–293 (2001) 276
 290–293 (2001) 947
 283–287 (2000) 1089
 290–293 (2001) 362
 271&272 (1999) 73
 290–293 (2001) 126
 289 (2001) 42
 295 (2001) 131
 283–287 (2000) 907
 273 (1999) 334
 273 (1999) 130
 294 (2001) 64
 290–293 (2001) 1009
 290–293 (2001) 882
 271&272 (1999) 423
 289 (2001) 291
 277 (2000) 288
 290–293 (2001) 76
 283–287 (2000) 806
 283–287 (2000) 465
 273 (1999) 171
 283–287 (2000) 1385
 295 (2001) 244
 300 (2002) 273
 294 (2001) 8
 294 (2001) 88

- Kleykamp, H., Selection of materials as diluents for burning of plutonium fuels in nuclear reactors
- Kloosterman, J.L. and P.M.G. Damen, Reactor physics aspects of plutonium burning in inert matrix fuels
- Klueh, R.L., D.J. Alexander and M. Rieth, The effect of tantalum on the mechanical properties of a 9Cr–2W–0.25V–0.07Ta–0.1C steel
- Klueh, R.L., D.J. Alexander and M.A. Sokolov, Effect of rhenium and osmium on mechanical properties of a 9Cr–2W–0.25V–0.07Ta–0.1C steel
- Klueh, R.L., E.T. Cheng, M.L. Grossbeck and E.E. Bloom, Impurity effects on reduced-activation ferritic steels developed for fusion applications
- Klueh, R.L., M.A. Sokolov, K. Shiba, Y. Miwa and J.P. Robertson, Embrittlement of reduced-activation ferritic/martensitic steels irradiated in HFIR at 300 °C and 400 °C
- Klueh, R.L., N. Hashimoto, R.F. Buck and M.A. Sokolov, A potential new ferritic/martensitic steel for fusion applications
- Klueh, R.L., see Lee, E.H.
- Klueh, R.L., see Romanoski, G.R.
- Klueh, R.L., see Shiba, K.
- Klueh, R.L., see van der Schaaf, B.
- Klueh, R.L., see Wakai, E.
- Knapp, W., see Behrisch, R.
- Knauer, J.P., see König, R.W.T.
- Knauer, J.P., see McCormick, K.
- Knebel, J.U., see Lefhalm, C.H.
- Kobayashi, K., S. Kado, B. Xiao and S. Tanaka, Heat load on the first wall materials and interaction of emitted neutrals with plasma
- Kobayashi, K., see Oya, Y.
- Kobayashi, K., see Xiao, B.
- Kobayashi, S., see Nakashima, Y.
- Kobayashi, S., see Yamanaka, S.
- Kobayashi, S.-i., see Nitani, N.
- Kobayashi, T., see Ukai, S.
- Kobayashi, Y., see Muto, S.
- Kobiyama, M., see Chimi, Y.
- Kobyakov, V.A., see Gritsyna, V.T.
- Koch, B., W. Bohmeyer, G. Fussmann, P. Kornejew and H.-D. Reiner, Energy flux measurements in a steady-state discharge at PSI-2
- 275 (1999) 1
- 274 (1999) 112
- 273 (1999) 146
- 279 (2000) 91
- 280 (2000) 353
- 283–287 (2000) 478
- 283–287 (2000) 697
- 271&272 (1999) 385
- 283–287 (2000) 642
- 283–287 (2000) 358
- 283–287 (2000) 52
- 283–287 (2000) 799
- 281 (2000) 42
- 290–293 (2001) 882
- 290–293 (2001) 920
- 296 (2001) 301
- 290–293 (2001) 648
- 290–293 (2001) 469
- 290–293 (2001) 793
- 290–293 (2001) 683
- 294 (2001) 94
- 274 (1999) 15
- 283–287 (2000) 702
- 271&272 (1999) 285
- 297 (2001) 355
- 283–287 (2000) 927
- 290–293 (2001) 653
- Koch, M.K., see Cordfunke, E.H.P.
- Kocik, J., see Miller, M.K.
- Kodama, M., see Furutani, G.
- Kodama, M., see Morisawa, J.
- Koenig, R., see Grigull, P.
- Koga, Y., see Takagi, I.
- Koguchi, H., see Yagi, Y.
- Kohno, Y., A. Kohyama, M.L. Hamilton, T. Hirose, Y. Katoh and F.A. Garner, Specimen size effects on the tensile properties of JPCA and JFMS
- Kohno, Y., A. Kohyama, T. Hirose, M.L. Hamilton and M. Narui, Mechanical property changes of low activation ferritic/martensitic steels after neutron irradiation
- Kohno, Y., see Greenwood, L.R.
- Kohyama, A., E.E. Bloom and K. Ehrlich, Summary of discussion session: Design and materials
- Kohyama, A., M. Kotani, Y. Katoh, T. Nakayasu, M. Sato, T. Yamamura and K. Okamura, High-performance SiC/SiC composites by improved PIP processing with new precursor polymers
- Kohyama, A., M. Seki, K. Abe, T. Muroga, H. Matsui, S. Jitsukawa and S. Matsuda, Interactions between fusion materials R&D and other technologies
- Kohyama, A., see Ando, M.
- Kohyama, A., see Ando, M.
- Kohyama, A., see Greenwood, L.R.
- Kohyama, A., see Hasegawa, A.
- Kohyama, A., see Hinoki, T.
- Kohyama, A., see Hinoki, T.
- Kohyama, A., see Hirose, T.
- Kohyama, A., see Inoue, N.
- Kohyama, A., see Katoh, Y.
- Kohyama, A., see Kohno, Y.
- Kohyama, A., see Kotani, M.
- Kohyama, A., see Lee, S.P.
- Kohyama, A., see Lewinsohn, C.A.
- Kohyama, A., see Snead, L.L.
- Kohyama, A., see Suzuki, T.
- Kohyama, A., see Tanigawa, H.
- Kohyama, A., see Tanigawa, H.
- Kohyama, A., see Youngblood, G.E.
- Koide, Y., see Asakura, N.
- Koike, T., see Suzuki, K.
- Colbe, H., see Sample, T.
- 294 (2001) 18
- 282 (2000) 83
- 288 (2001) 179
- 294 (2001) 241
- 290–293 (2001) 1009
- 290–293 (2001) 501
- 290–293 (2001) 1144
- 283–287 (2000) 1014
- 271&272 (1999) 145
- 283–287 (2000) 1438
- 271&272 (1999) 538
- 283–287 (2000) 565
- 283–287 (2000) 20
- 271&272 (1999) 111
- 283–287 (2000) 423
- 283–287 (2000) 1438
- 283–287 (2000) 128
- 283–287 (2000) 376
- 289 (2001) 23
- 283–287 (2000) 1018
- 283–287 (2000) 1187
- 271&272 (1999) 115
- 283–287 (2000) 1262
- 283–287 (2000) 313
- 289 (2001) 42
- 295 (2001) 131
- 271&272 (1999) 145
- 283–287 (2000) 1014
- 289 (2001) 37
- 289 (2001) 30
- 283–287 (2000) 1258
- 283–287 (2000) 551
- 271&272 (1999) 179
- 283–287 (2000) 470
- 297 (2001) 279
- 289 (2001) 1
- 290–293 (2001) 825
- 283–287 (2000) 681
- 283–287 (2000) 1272

- Kolbe, H., see Sample, T.
- Kolesnikov, A.V., see Kosenkov, V.M.
- Kolman, D.G., M.E. Griego, C.A. James and D.P. Butt, Thermally induced gallium removal from plutonium dioxide for MOX fuel production
- Komarov, D.A., A.V. Markin, S.Yu. Rybakov and A.P. Zakharov, Role of grain boundaries and carbon deposition in deuterium retention behavior of deuterium plasma exposed tungsten
- Komarov, D.A., see Arkhipov, I.I.
- Komatsu, N., see Hatayama, A.
- Komori, A., see Hirai, T.
- Komori, A., see Masuzaki, S.
- Komori, A., see Peterson, B.J.
- Konashi, K., see Huang, J.
- Konashi, K., see Tsuchiya, B.
- Kondo, K., see Mizuuchi, T.
- Kondo, K., see Pospieszczyk, A.
- Kondo, K., see Wada, M.
- Kondo, T., see Ehrlich, K.
- König, R., see McCormick, K.
- König, R.W.T., K. McCormick, Y. Feng, S. Fiedler, P. Grigull, D. Hildebrandt, J. Kisslinger, J.P. Knauer, G. Kühner, D. Naujoks, J. Sallander, S. Sardei, F. Wagner, A. Werner and W7-AS Team, Island divertor investigations on the W7-AS stellarator
- Konings, R.J.M. and R. Conrad, Transmutation of technetium – results of the EFTTRA-T2 experiment
- Konings, R.J.M., Estimation of the standard entropies of some Am(III) and Cm(III) compounds
- Konings, R.J.M., Thermochemical and thermophysical properties of curium and its oxides
- Konings, R.J.M., K. Bakker, J.G. Boshoven, H. Hein, M.E. Hunstelaar and R.R. van der Laan, Transmutation of actinides in inert-matrix fuels: fabrication studies and modelling of fuel behaviour
- Konings, R.J.M., R. Conrad, G. Dassel, B.J. Pijlgroms, J. Somers and E. Toscano, The EFTTRA-T4 experiment on americium transmutation
- Konings, R.J.M., see Burghartz, M.
- Konings, R.J.M., see Chauvin, N.
- Konings, R.J.M., see Neeft, E.A.C.
- Konishi, S., see Shu, W.M.
- 283–287 (2000) 1336
273 (1999) 228
282 (2000) 245
290–293 (2001) 433
290–293 (2001) 394
290–293 (2001) 407
283–287 (2000) 1177
290–293 (2001) 12
290–293 (2001) 930
294 (2001) 154
289 (2001) 329
290–293 (2001) 678
290–293 (2001) 947
290–293 (2001) 768
283–287 (2000) 79
290–293 (2001) 920
290–293 (2001) 882
274 (1999) 336
295 (2001) 57
298 (2001) 255
274 (1999) 84
282 (2000) 159
288 (2001) 233
274 (1999) 105
274 (1999) 78
290–293 (2001) 482
- Konishi, T., see Furutani, G.
- Konakashbaev, I., see Hassanein, A.
- Konakashbaev, I.K., see Evtikhin, V.A.
- Konobeev, Yu.V., see Dvoriashin, A.M.
- Konobeev, Yu.V., see Pechenkin, V.A.
- Konobeev, Yu.V., see Porollo, S.I.
- Konoshima, S., see Higashijima, S.
- Konoshima, S., see Sakurai, S.
- Konovalov, V.G., see Voitsevna, V.S.
- Konya, J., H. Muscher, Z. Voß and O. Wedemeyer, Development of oxygen meters for the use in lead–bismuth
- Konya, J., see Glasbrenner, H.
- Koo, B.-J., see Yoo, H.-I.
- Koo, Y.-H., B.-H. Lee and D.-S. Sohn, Analysis of fission gas release and gaseous swelling in UO₂ fuel under the effect of external restraint
- Koo, Y.-H., B.-H. Lee, J.-S. Cheon and D.-S. Sohn, Pore pressure and swelling in the rim region of LWR high burnup UO₂ fuel
- Korn, C., see Shi, H.J.
- Kornejew, P., see Koch, B.
- Korshunov, S.N., see Guseva, M.I.
- Kortz, Ch., see Cordfunke, E.H.P.
- Kosenkov, V.M., A.V. Kolesnikov and S.A. Vorobjev, Irradiation swelling of explosively shocked materials
- Kosik, N.A., see Glazunov, G.P.
- Koslowski, H.R., see Rapp, J.
- Kostomarov, V., see Vatulin, A.
- Kosuga, A., see Kurosaki, K.
- Kotani, M., A. Kohyama and Y. Katoh, Development of SiC/SiC composites by PIP in combination with RS
- Kotani, M., see Katoh, Y.
- Kotani, M., see Katoh, Y.
- Kotani, M., see Katoh, Y.
- Kotani, M., see Kohyama, A.
- Koterazawa, K., see Mitamura, T.
- Koubiti, M., see Escarguel, A.
- Kourtis, N. and I. Shepherd, Modelling intergranular fuel swelling in severe accidents
- Kovalchuk, Va.D., see Richter, D.
- Kovalchuk, Vi.D., see Richter, D.
- 288 (2001) 179
273 (1999) 326
283–287 (2000) 1171
290–293 (2001) 1074
290–293 (2001) 1079
271&272 (1999) 396
283–287 (2000) 157
271&272 (1999) 266
283–287 (2000) 239
290–293 (2001) 623
290–293 (2001) 1002
290–293 (2001) 336
296 (2001) 289
281 (2000) 225
283–287 (2000) 1302
283–287 (2000) 1332
296 (2001) 237
299 (2001) 235
280 (2000) 86
295 (2001) 213
278 (2000) 328
290–293 (2001) 653
290–293 (2001) 1069
294 (2001) 18
273 (1999) 228
290–293 (2001) 266
290–293 (2001) 1148
274 (1999) 135
294 (2001) 179
289 (2001) 37
283–287 (2000) 1262
289 (2001) 42
295 (2001) 131
283–287 (2000) 565
271&272 (1999) 21
290–293 (2001) 854
277 (2000) 37
283–287 (2000) 1434
283–287 (2000) 1434

- Kovalenko, V., see Kapychev, V.
- Kovaltsova, E., see Rozhansky, V.
- Kowbel, W., C.A. Bruce, K.L. Tsou, K. Patel, J.C. Withers and G.E. Youngblood, High thermal conductivity SiC/SiC composites for fusion applications
- Koya, T., see Minato, K.
- Koyama, A., see Sakairi, H.
- Koyanagi, M., K. Ohsawa and E. Kuramoto, MD study of the dynamic behavior of small interstitial clusters in Fe
- Koyanagi, M., see Kuramoto, E.
- Kozhevnikov, O.A., E.V. Nesterova, V.V. Rybin and I.I. Yarmolovich, Influence of neutron irradiation on deformability and fracture micromechanisms of titanium α -alloys
- Kozlov, A.V., M.V. Chernetsov, S.A. Averin, V.ya. Abramov, A.D. Ivanov, Yu.S. Strebkov and V.F. Reutov, Influence of neutron irradiation on Cu-NiCrSi alloy pre-implanted with helium
- Kozlov, A.V., see Ivanov, A.D.
- Kozlov, A.V., see Sernyaev, G.A.
- Krämer-Flecken, A., see Finken, K.H.
- Krasheninnikov, S.I., see Nishijima, D.
- Krasikov, E.A. and A.D. Amajev, Hydrogen-irradiated steel interaction during alternating hydrogenation and annealing
- Krasikov, E.A., see Andreev, D.V.
- Krasikov, E.A., see Gurovich, B.A.
- Krasikov, E.A., see Nikolaenko, V.A.
- Krasil'nikov, V.V., see Kamyschenko, N.V.
- Kreißig, U., see Stan-Sion, C.
- Kreissig, U., see Behrisch, R.
- Krieger, K. and J. Roth, Synergistic effects by simultaneous bombardment of tungsten with hydrogen and carbon
- Krieger, K., see Counsell, G.F.
- Krieger, K., see Haddad, E.
- Krieger, K., see Neu, R.
- Krieger, K., see Rohde, V.
- Krieger, K., see Tabasso, A.
- Krigan, V.M., see Porollo, S.I.
- Krishnaiah, M.V., see Viswanathan, R.
- Krishnan, R., see Dash, S.
- Krivchenko, V.A., see Ilyin, A.M.
- Krivova, V., see Tebus, V.
- Kropf, A.J., see Richmann, M.K.
- 283–287 (2000) 1429
290–293 (2001) 710
- 283–287 (2000) 570
279 (2000) 181
271&272 (1999) 194
- 271&272 (1999) 205
271&272 (1999) 26
- 271&272 (1999) 472
- 283–287 (2000) 193
271&272 (1999) 139
271&272 (1999) 123
- 290–293 (2001) 1064
- 290–293 (2001) 688
- 283–287 (2000) 846
274 (1999) 329
279 (2000) 259
- 271&272 (1999) 120
- 271&272 (1999) 84
290–293 (2001) 491
281 (2000) 42
- 290–293 (2001) 107
290–293 (2001) 255
278 (2000) 111
290–293 (2001) 206
290–293 (2001) 317
290–293 (2001) 326
283–287 (2000) 239
- 294 (2001) 69
295 (2001) 281
283–287 (2000) 694
271&272 (1999) 345
297 (2001) 303
- Kropf, J., see Lexa, D.
- Krstic, V.D., see Verrall, R.A.
- Krulikovska, M.P., see Chyrko, L.I.
- Krupa, J.-C., see Soulet, S.
- Krupa, J.-C., see Soulet, S.
- Krutsikh, A.O., see Chernov, V.M.
- Kuang, G.L., see Gao, X.
- Kubo, F., see Stan-Sion, C.
- Kubo, H., see Asakura, N.
- Kubo, H., see Higashijima, S.
- Kubo, H., see Sakasai, A.
- Kubo, H., see Sakurai, S.
- Kubota, Y., see Masuzaki, S.
- Kubota, Y., see Tokunaga, K.
- Kugel, H., see Hirooka, Y.
- Kugel, H., see Rensink, M.E.
- Kugel, H.W., R. Maingi, W. Wampler, R.E. Barry, M. Bell, W. Blanchard, D. Gates, D. Johnson, R. Kaita, S. Kaye, R. Maqueda, J. Menard, M.M. Menon, D. Mueller, M. Ono, S. Paul, Y-K.M. Peng, R. Raman, A. Roquemore, C.H. Skinner, S. Sabbagh, B. Stratton, D. Stutman, J.R. Wilson, S. Zweben and NSTX National Research Team, Overview of impurity control and wall conditioning in NSTX
- Kugel, H.W., R. Maingi, W. Wampler, R.E. Barry, M. Bell, W. Blanchard, D. Gates, D. Johnson, R. Kaita, S. Kaye, R. Maqueda, J. Menard, M.M. Menon, D. Mueller, M. Ono, F. Paoletti, S. Paul, Y.-K.M. Peng, R. Raman, A. Roquemore, C.H. Skinner, S. Sabbagh, B. Stratton, D. Stutman, J.R. Wilson and S. Zweben, Erratum to 'Overview of impurity control and wall conditioning in NSTX' [J. Nucl. Mater. 290–293 (2001) 1185–1189]
- Kühner, G., see König, R.W.T.
- Kühner, G., see McCormick, K.
- Kühlein, W., see Chen, J.
- Kühlein, W., see Linke, J.
- Kukushkin, A.S., G. Janeschitz, A. Loarte, H.D. Pacher, D. Coster, D. Reiter and R. Schneider, Critical issues in divertor optimisation for ITER-FEAT
- Kukushkin, A.S., see Pitts, R.A.
- Kukushkin, A., see Federici, G.
- Kuleshova, E.A., B.A. Gurovich, Y.I. Shtrombakh, D.Y. Erak and O.V. Lavrenchuk, Comparison of microstructural features of radiation embrittlement of
- 279 (2000) 57
274 (1999) 54
279 (2000) 162
289 (2001) 194
299 (2001) 227
271&272 (1999) 274
279 (2000) 330
290–293 (2001) 491
290–293 (2001) 825
290–293 (2001) 623
290–293 (2001) 957
290–293 (2001) 1002
290–293 (2001) 12
283–287 (2000) 1121
274 (1999) 320
290–293 (2001) 706
- 290–293 (2001) 1185
- 300 (2002) 278
290–293 (2001) 882
290–293 (2001) 920
298 (2001) 248
283–287 (2000) 1152
- 290–293 (2001) 887
290–293 (2001) 940
290–293 (2001) 260

VVER-440 and VVER-1000 reactor pressure vessel steels			
Kuleshova, E.A., see Gurovich, B.A.	300 (2002) 127	Kurishita, H., see Kitsunai, Y.	271&272 (1999) 423
Kulikauskas, V.S., see Guseva, M.I.	279 (2000) 259	Kurishita, H., see Kuwabara, T.	283–287 (2000) 611
Kulkarni, N.K., S. Sampath and V. Venugopal, Preparation and characterisation of Pu-pyrochlore: $[La_{1-x}Pu_x]_2 Zr_2O_7$ ($x = 0\text{--}1$)	290–293 (2001) 1069	Kurishita, H., see Yamamoto, T.	271&272 (1999) 440
Kulkarni, U.D., see Batra, I.S.		Kurkin, S., see Safronov, V.	290–293 (2001) 1052
Kulsartov, T.V., V.P. Shestakov, I.L. Tazhibaeva and E.A. Kenzhin, Hydrogen permeation through vanadium alloy V–4Cr–4Ti ‘in situ’ of reactor irradiation	281 (2000) 248	Kurkin, S., see Scaffidi-Argentina, F.	283–287 (2000) 1111
Küppers, B., see Baelmans, M.	299 (2001) 91	Kurnaev, V.A., A.V. Golubeva, A.A. Evanov, D.V. Levchuk, A.A. Pisarev and N.N. Trifonov, Trapping of eV deuterium ions by niobium at glancing incidence	
Kuramoto, E., Computer simulation of fundamental behaviors of interstitial clusters in Fe and Ni	283–287 (2000) 872	Kurnaev, V.A., see Evanov, A.A.	290–293 (2001) 112
Kuramoto, E., K. Ohsawa and T. Tsutsumi, Computer simulation of defects interacting with a dislocation in Fe and Ni	290–293 (2001) 537	Kuroda, T., see Hatano, T.	271&272 (1999) 330
Kuramoto, E., K. Ohsawa, T. Tsutsumi and M. Koyanagi, Computer simulation of the interaction between an edge dislocation and interstitial clusters in Fe and Ni	276 (2000) 143	Kurosaki, K., A. Kosuga, M. Uno and S. Yamanaka, Thermal properties of Mo_3Te_4	283–287 (2000) 685
Kuramoto, E., see Abe, H.	283–287 (2000) 778	Kurosaki, K., K. Yamada, M. Uno, S. Yamanaka, K. Yamamoto and T. Namekawa, Molecular dynamics study of mixed oxide fuel	294 (2001) 179
Kuramoto, E., see Abe, H.		Kurosaki, K., R. Ohshima, M. Uno, S. Yamanaka, K. Yamamoto and T. Namekawa, Thermal conductivity of $(U,Ce)O_2$ with and without Nd or Zr	294 (2001) 160
Kuramoto, E., see Koyanagi, M.	271&272 (1999) 26	Kurosaki, K., see Uno, M.	294 (2001) 193
Kuramoto, E., see Ohkubo, H.	271&272 (1999) 209	Kurosaki, K., see Yamanaka, S.	294 (2001) 119
Kuramoto, E., see Onitsuka, T.	283–287 (2000) 174	Kurosaki, K., see Yamanaka, S.	294 (2001) 94
Kuramoto, E., see Sugiyama, S.	271&272 (1999) 205	Kursevich, I.P., see Gorynin, I.V.	294 (2001) 99
Kurata, H., see Ono, K.	283–287 (2000) 858	Kurtz, R.J. and M.L. Hamilton, Biaxial thermal creep of V–4Cr–4Ti at 700 °C and 800 °C	283–287 (2000) 465
Kurata, H., see Takeuchi, M.	283–287 (2000) 922	Kurtz, R.J., Effect of oxygen on the crack growth behavior of V–4Cr–4Ti at 600 °C	
Kurata, M., K. Nakamura and T. Ogata, Thermodynamic evaluation of the quaternary U–Pu–Zr–Fe system – assessment of cladding temperature limits of metallic fuel in a fast reactor	283–287 (2000) 863	Kurtz, R.J., K. Abe, V.M. Chernov, V.A. Kazakov, G.E. Lucas, H. Matsui, T. Muroga, G.R. Odette, D.L. Smith and S.J. Zinkle, Critical issues and current status of vanadium alloys for fusion energy applications	283–287 (2000) 628
Kurata, M., see Nakamura, K.	283–287 (2000) 210	Kurui, A., see Ishino, S.	283–287 (2000) 822
Kurata, M., see Usami, T.	271&272 (1999) 280	Kurz, K., see Inal, M.Y.	
Kurata, Y., Y. Itabashi, H. Mimura, T. Kikuchi, H. Amezawa, S. Shimakawa, H. Tsuji and M. Shindo, In-pile and post-irradiation creep of type 304 stainless steel under different neutron spectra	294 (2001) 123	Kusuhashi, M., see Saito, S.	
Kurihara, M., M. Hirata, R. Sekine, J. Onoe and H. Nakamatsu, Discrete-variational Dirac–Slater calculations on the valence band XPS for α -uranium metal	275 (1999) 151	Kutsuwada, M., see Howlader, M.M.R.	
Kurihara, Y., see Tsuji, H.	275 (1999) 246	Kutsuwada, M., see Shiiyama, K.	283–287 (2000) 70
Kurishita, H., see Kawai, M.	300 (2002) 15	Kutsyn, A.A., see Glazunov, G.P.	283–287 (2000) 215
	283–287 (2000) 386	Kutty, T.R.G., K.B. Khan, P.V. Hegde, A.K. Sengupta, S. Majumdar and D.S.C. Purushotham, Densification behaviour and sintering kinetics of PuO_2 pellets	278 (2000) 164
		Kutty, T.R.G., P.V. Hegde, K.B. Khan, S. Majumdar and D.S.C. Purushotham, Sintering studies on UO_2 – PuO_2 pellets with varying PuO_2 content using dilatometry	283–287 (2000) 593
	281 (2000) 140		283–287 (2000) 885
	271&272 (1999) 486		283–287 (2000) 912
	296 (2001) 312		290–293 (2001) 266
			297 (2001) 120
			282 (2000) 54

- Kuwayara, T., H. Kurishita and M. Hasegawa, Microstructure control to improve mechanical properties of vanadium alloys for fusion applications 283–287 (2000) 611
- Kuwajima, S., see Ueda, S.
- Kuznetsov, V.N., see Nikolaenko, V.A.
- Kvirikashvili, T.Sh., see Topchishvili, L.S.
- Kvitcinskiy, V.A., see Zhmendak, A.V.
- Kwon, H., see Lee, S.
- Kwon, S.C., see Kim, S.S.
- Kwon, S.C., see Kim, Y.S.
- Kwon, S.C., see Kim, Y.S.
- Kwun, S.I., see Chun, Y.B.
- La Barbera, A., B. Riccardi, A. Donato, C.A. Nannetti and L.F. Moreschi, Stability of SiC/SiC fibre composites exposed to Li₄SiO₄ and Li₂TiO₃ in fusion relevant conditions 290–293 (2001) 220
- LaBombard, B., see Boivin, R.L.
- LaBombard, B., see Boswell, C.J.
- LaBombard, B., see Gangadhara, S.
- LaBombard, B., see Lipschultz, B.
- LaBombard, B., see Pitcher, C.S.
- LaBombard, B., see Stotler, D.P.
- LaBombard, B., see Terry, J.L.
- LaBombard, B., see Winslow, D.L.
- Ladrière, J., see Grégoire, O.
- Ladurelle, L., see Nguyen, F.
- Lagarde, G., see Fourest, B.
- Lagarde, G., see Hubert, S.
- Lagerlöf, K.P.D., see Regan, T.M.
- Lagos, S., see Alvani, C.
- Lahaye, M., see Bonino, O.
- La Haye, R., see Osborné, T.H.
- La Haye, R.J., see Fenstermacher, M.E.
- La Haye, R.J., see Petrie, T.W.
- Lakestani, F., see Stamm, H.
- Lallemand, M., see Pétigny, N.
- Lalousis, P., R. Schneider and L.L. Lengyel, Cloud drifts over eroding surfaces in magnetic field configurations with three field components 290–293 (2001) 588
- Lam, N.Q., see Giacobbe, M.J.
- Lambri, O.A., see Zelada-Lambri, G.I.
- Lancelot, J., see Techer, I.
- Lancha, A.M., see García-Mazario, M.
- Lancha, A.M., see Lapeña, J.
- Landman, I., see Würz, H.
- Landman, I.S. and H. Wuerz, Lateral deflection of the SOL plasma during a giant ELM 290–293 (2001) 1088
- Lang, P.T., O. Gruber, L.D. Horton, T.T.C. Jones, M. Kaufmann, A. Lorenz, M. Maraschek, V. Mertens, J. Neuhauser, G. Saibene, H. Zohm, ASDEX Upgrade Team and JET Team, High-density H-mode operation achieved using efficient plasma refueling by inboard pellet launch 290–293 (2001) 374
- Lange, M.A., see Kang, Y.C.
- Langer, U., E. Taglauer, R. Fischer and W7-AS Team, Investigation of the hydrogen fluxes in the plasma edge of W7-AS during H-mode discharges 290–293 (2001) 281 (2000) 57
- Langish, S., see Skinner, C.H.
- Langner, E., see Glazunov, G.P.
- Langner, J., see Glazunov, G.P.
- Lapeña, J. and F. Blázquez, Water corrosion of F82H-modified in simulated irradiation conditions by heat treatment 290–293 (2001) 658
- Lapeña, J., M. García-Mazario, P. Fernández and A.M. Lancha, Chemical segregation behavior under thermal aging of the low-activation F82H-modified steel 290–293 (2001) 486
- Lapin, A.N., see Gorynin, I.V.
- Lapin, S.S., see Sagardze, V.V.
- Lapin, S.S., see Sagardze, V.V.
- Lara-Curzio, E., see Lewinsohn, C.A. 290–293 (2001) 266
- Larché, F., see Jégou, C.
- Larson, D.L., see Kim, I.-S.
- La Torretta, T., see Vetraino, F.
- Lashley, J.C., M.S. Blau, K.P. Staudhammer and R.A. Pereyra, In situ purification, alloying and casting methodology for metallic plutonium 290–293 (2001) 266
- Lasnier, C.J., A.W. Leonard, T.W. Petrie and J.G. Watkins, Effect of magnetic geometry on ELM heat flux profiles 290–293 (2001) 266
- Lasnier, C.J., see Allen, S.L.
- Lasnier, C.J., see Fenstermacher, M.E.
- Lasnier, C.J., see Leonard, A.W.
- Lasnier, C.J., see Mahdavi, M.A.
- Lasnier, C.J., see Petrie, T.W.
- Lasnier, C.J., see Watkins, J.G.
- Lassmann, K. and H. Benk, Numerical algorithms for intra-granular fission gas release 290–293 (2001) 905
- Laugier, F., M. Bécoulet, C. De Michelis, Ph. Ghendrih, J.P. Gunn, P. Monier-Garbet, R. Reichle and J.C. Vallet, Impurity radiation modulations in an ergodic divertor 290–293 (2001) 935
- 290–293 (2001) 778
- 290–293 (2001) 1093
- 290–293 (2001) 995
- 290–293 (2001) 588
- 290–293 (2001) 1097
- 290–293 (2001) 287
- 290–293 (2001) 345
- 290–293 (2001) 23
- 283–287 (2000) 1341
- 283–287 (2000) 662
- 283–287 (2000) 465
- 283–287 (2000) 216
- 283–287 (2000) 264
- 274 (1999) 274 (1999) 315
- 280 (2000) 280 (2000) 280 (2000) 280 (2000) 10
- 280 (2000) 280 (2000) 280 (2000) 280 (2000) 23
- 280 (2000) 127
- 290–293 (2001) 892

Laugier, F., see Ghendrih, Ph.	290–293 (2001) 798	
Laukkonen, A., see Tähtinen, S.	283–287 (2000) 1028	
Laurent, Y., see Bois, L.	277 (2000) 57	
Laurent, Y., see Bois, L.	300 (2002) 141	
Laux, D., B. Cros, G. Despaux and D. Baron, Ultrasonic study of UO ₂ : effects of porosity and grain size on ultrasonic attenuation and velocities	300 (2002) 192	
Laux, M., see Herrmann, A.	290–293 (2001) 619	
Laux, M., see Lingertat, J.	290–293 (2001) 896	
Laux, M., see Wenzel, U.	290–293 (2001) 352	
Laval, J.-P., see Van den Berghe, S.	277 (2000) 28	
Lavrenchuk, O.V., see Kuleshova, E.A.	300 (2002) 127	
Lawson, K., see Strachan, J.D.	290–293 (2001) 972	
Lawson, K.D., see Coad, J.P.	290–293 (2001) 224	
Lazarev, V., see Stan-Sion, C.	290–293 (2001) 491	
Le Bihan, T., see Rogl, P.	288 (2001) 66	
Le Coustumer, P., see Chaulet, D.	298 (2001) 192	
Le Coustumer, P., see Thomas, A.C.	281 (2000) 91	
Le Coustumer, P., see Thomas, A.C.	295 (2001) 249	
Le Marois, G., see Ivanov, A.D.	283–287 (2000) 35	
Lebensohn, R.A., see Castelnau, O.	297 (2001) 14	
Lebihan, T., P. Rogl and H. Noël, The niobium–silicon–uranium system	277 (2000) 82	
LeBlanc, J.C., see Sunder, S.	294 (2001) 59	
Lechler, T., see Schleisiek, K.	283–287 (2000) 1196	
Leckey, J.H., see DeMint, A.L.	281 (2000) 208	
Leckey, J.H., see Dinh, L.N.	295 (2001) 193	
Leckey, J.H., see Dinh, L.N.	300 (2002) 89	
Ledergerber, G., see Burghartz, M.	288 (2001) 233	
Ledergerber, G., see Degueldre, C.	289 (2001) 115	
Ledergerber, G., see Kasemeyer, U.	274 (1999) 160	
Ledergerber, G., see Lee, Y.-W.	274 (1999) 7	
Lee, B.-H., see Koo, Y.-H.	280 (2000) 86	
Lee, B.-H., see Koo, Y.-H.	295 (2001) 213	
Lee, B.-J., see Im, Y.-R.	297 (2001) 138	
Lee, B.S., see Byun, T.S.	277 (2000) 263	
Lee, C.B. and Y.H. Jung, An attempt to explain the high burnup structure formation mechanism in UO ₂ fuel	279 (2000) 207	
Lee, C.B., D.H. Kim and Y.H. Jung, Fission gas release and swelling model of metallic fast reactor fuel	288 (2001) 29	
Lee, C.B., D.H. Kim, J.S. Song, J.G. Bang and Y.H. Jung, RA-PID model to predict radial burnup distribution in LWR UO ₂ fuel	282 (2000) 196	
Lee, C.-H., see Lee, J.-S.	280 (2000) 116	
Lee, C.-H., see Seong, B.-S.	277 (2000) 274	
Lee, D.H., see Hwang, S.S.	275 (1999) 28	
Lee, E.H. and L.K. Mansur, Fe–15Ni–13Cr austenitic stainless steels for fission and fusion reactor applications. I. Effects of minor alloying elements on precipitate phases in melt products and implication in alloy fabrication	278 (2000) 1	
Lee, E.H. and L.K. Mansur, Fe–15Ni–13Cr austenitic stainless steels for fission and fusion reactor applications. II. Effects of minor elements on precipitate phase stability during thermal aging	278 (2000) 11	
Lee, E.H. and L.K. Mansur, Fe–15Ni–13Cr austenitic stainless steels for fission and fusion reactor applications. III. Phase stability during heavy ion irradiation	278 (2000) 20	
Lee, E.H., J.D. Hunn, G.R. Rao, R.L. Klueh and L.K. Mansur, Triple ion beam studies of radiation damage in 9Cr–2WVTa ferritic/martensitic steel for a high power spallation neutron source	271&272 (1999) 385	
Lee, E.H., J.D. Hunn, N. Hashimoto and L.K. Mansur, Hardness and defect structures in EC316LN austenitic alloy irradiated under a simulated spallation neutron source environment using triple ion-beams	278 (2000) 266	
Lee, E.H., J.D. Hunn, T.S. Byun and L.K. Mansur, Effects of helium on radiation-induced defect microstructure in austenitic stainless steel	280 (2000) 18	
Lee, E.H., see Byun, T.S.	294 (2001) 256	
Lee, E.H., see Byun, T.S.	298 (2001) 269	
Lee, E.H., see Hunn, J.D.	282 (2000) 131	
Lee, E.H., see Hunn, J.D.	296 (2001) 203	
Lee, E.H., see Hur, D.H.	299 (2001) 271	
Lee, E.H., see Kim, I.-S.	280 (2000) 264	
Lee, E.H., T.S. Byun, J.D. Hunn, K. Farrell and L.K. Mansur, Origin of hardening and deformation mechanisms in irradiated 316 LN austenitic stainless steel	296 (2001) 183	
Lee, E.H., T.S. Byun, J.D. Hunn, N. Hashimoto and K. Farrell, A method to study deformation mechanisms for irradiated steels using a disk-bend test	281 (2000) 65	
Lee, H.-C., see Im, Y.-R.	297 (2001) 138	
Lee, J.H., S.K. Hwang, K. Yasuda and C. Kinoshita, Effect of molybdenum on electron radiation damage of Zr-base alloys	289 (2001) 334	
Lee, J.-H., see Kang, S.-H.	277 (2000) 339	
Lee, J.-H., see Seong, B.-S.	277 (2000) 274	

- Lee, J.-S., C.-H. Lee, K.H. Kim and V. Em, Neutron diffraction study of U–5.4 wt% Mo alloy 280 (2000) 116
 Lee, J.-S., see Seong, B.-S.
 Lee, J.W., see Kim, B.G.
 Lee, K.S., see Hong, H.S.
 Lee, K.S., see Hong, H.S.
 Lee, K.S., see Hong, H.S.
 Lee, K.W., S.K. Kim, K.T. Kim and S.I. Hong, Ductility and strain rate sensitivity of Zircaloy-4 nuclear fuel claddings 295 (2001) 21
- Lee, S., C. Park, H. Kwon and B. Choi, Corrosion resistance of nitrogen-implanted Zircaloy-4 in high-temperature water 282 (2000) 223
 Lee, S.-j., see Yoo, H.-s.
 Lee, S.P., Y. Katoh, J.S. Park, S. Dong, A. Kohyama, S. Suyama and H.K. Yoon, Microstructural and mechanical characteristics of SiC/SiC composites with modified-RS process 281 (2000) 191
- Lee, S.-y., see Yoo, H.-s.
 Lee, W.B., see Hong, S.G.
 Lee, Y.-W., H.S. Kim, S.H. Kim, C.Y. Joung, S.H. Na, G. Leiderberger, P. Heimgartner, M. Pouchon and M. Burghartz, Preparation of simulated inert matrix fuel with different powders by dry milling method 289 (2001) 30
 Lee, Y.W., see Kang, S.-H.
 Lee, Y.W., see Kim, B.G.
 Lefhalm, C.H., J.U. Knebel and K.J. Mack, Kinetics of gas phase oxygen control system (OCS) for stagnant and flowing Pb–Bi Systems 274 (1999) 7
 Legarda, F., see Esteban, G.A.
 Legris, A., see Becquart, C.S.
 Legris, A., see Nicaise, G.
 Leguey, T. and R. Pareja, Recovery characteristics of neutron-irradiated V–Ti alloys 277 (2000) 339
 Leguey, T., A. Muñoz and R. Pareja, Effect of Ti solute on the recovery of cold-rolled V–Ti alloys 281 (2000) 163
- Leguey, T., M. Monge, R. Pareja and E.R. Hodgson, Recovery of electron irradiated V–Ga alloys 296 (2001) 301
 Leguey, T., see Marmy, P.
 Leguey, T., see Marmy, P.
 Lehnen, M., M. Brix, H. Gerhauser, B. Schwer and R. Zagórski, Investigations on density and temperature asymmetries due to drift motions in the boundary layer of TEXTOR-94 290–293 (2001) 663
 Lehnen, M., see Gerhauser, H. 290–293 (2001) 609
- Lehnens, M., see Huber, A.
 Lehnens, M., see Rapp, J.
 Lehnens, M., see Sergienko, G.
 Lehto, S., see Vainonen-Ahlgren, E.
 Leibowitz, L., see Lexa, D.
 Leichtle, D., see Fischer, U.
 Lemaignan, C., see Bourgeois, L.
 Lemaignan, C., see Bourgeois, L.
 Lemaignan, C., see Dupin, N.
 Lemaignan, C., see Pétigny, N.
 Lemaignan, C., see Petit, T.
 Lemire, R.J. and G.A. McRae, Erratum to ‘The corrosion of Alloy 690 in high-temperature aqueous media – thermodynamic considerations’ [J. Nucl. Mater. 294 (2001) 141–147] 298 (2001) 340
- Lemire, R.J. and G.A. McRae, The corrosion of Alloy 690 in high-temperature aqueous media – thermodynamic considerations 294 (2001) 141
- Lemmens, K., The effect of clay on the dissolution of nuclear waste glass 298 (2001) 11
 Lemoulec, A., see Ghetta, V.
 Lengyel, L.L., see Lalousis, P.
 Leonard, A.W., see Allen, S.L.
 Leonard, A.W., see Fenstermacher, M.E.
 Leonard, A.W., see Lasnier, C.J.
 Leonard, A.W., see Mahdavi, M.A.
 Leonard, A.W., see Osborne, T.H.
 Leonard, A.W., see Petrie, T.W.
 Leonard, A.W., T.H. Osborne, M.E. Fenstermacher, C.J. Lasnier and M.A. Mahdavi, Tolerable ELMs at high density in DIII-D 290–293 (2001) 588
 Leon'teva-Smirnova, M.V., see Ioltukhovskiy, A.G. 290–293 (2001) 1093
 Leroux, C., see Schmidt, B.
 Lespiaux, D., see Chauvin, N.
 Letourneau, A., see Hilscher, D.
 Levchuk, D.V., see Evanov, A.A.
 Levchuk, D.V., see Kurnaev, V.A.
 Levesque, F., see Gibert-Mougel, C.
 Lewinsohn, C., see Youngblood, G.E. 290–293 (2001) 1097
- Lewinsohn, C.A., C.H. Henager, G.E. Youngblood, R.H. Jones, E. Lara-Curzio and R. Scholz, Failure mechanisms in continuous-fiber ceramic composites in fusion energy environments 283–287 (2000) 652
 Lewinsohn, C.A., G.E. Youngblood, C.H. Henager, E.P. Simonen and R.H. Jones, Time-dependent failure mechanisms in silicon carbide composites for fusion energy applications 296 (2001) 249
 274 (1999) 91
 296 (2001) 83
 271&272 (1999) 330
 290–293 (2001) 112
 295 (2001) 121
 289 (2001) 1
- Levy, M., see Shabot, M. 289 (2001) 10
- Li, X., see Li, Y. 283–287 (2000) 584

- Lewinsohn, C.A., M. Singh, T. Shiyama, T. Hinoki, M. Ando, Y. Katoh and A. Kohyama, Joining of silicon carbide composites for fusion energy applications 283–287 (2000) 1258

Lewinsohn, C.A., see Serizawa, H. 283–287 (2000) 579

Lewis, B.J., see Szpunar, B. 289 (2001) 16

Lewis, M.A., see Richmann, M.K. 294 (2001) 315

Lewis, T.A., see Gao, F. 297 (2001) 303

Lexa, D., L. Leibowitz and J. Kropf, On the reactive occlusion of the (uranium trichloride + lithium chloride + potassium chloride) eutectic salt in zeolite 4A 276 (2000) 213

LHD Experimental Group, see Masuzaki, S. 279 (2000) 57

LHD Experimental Groups, see Nakamura, Y. 290–293 (2001) 12

Li Puma, A., see Fütterer, M.A. 290–293 (2001) 1040

Li, C., see Gong, X. 283–287 (2000) 1375

Li, C.L., see Wang, Z.G. 290–293 (2001) 1171

Li, F., K. Hu, J. Li, D. Zhang and G. Chen, Combustion synthesis of γ -lithium aluminate by using various fuels 271&272 (1999) 306

Li, J., see Gong, X. 300 (2002) 82

Li, J., see Li, F. 290–293 (2001) 1171

Li, J., see Xie, J.K. 300 (2002) 82

Li, J.-F., see Kawai, M. 290–293 (2001) 1155

Li, J.G., see Gao, X. 296 (2001) 312

Li, J.G., see Guo, Q.G. 279 (2000) 330

Li, J.-T., see Ge, C.-C. 290–293 (2001) 191

Li, L.W., see Wang, Z.G. 283–287 (2000) 1116

Li, M., J.K. Heuer, J.F. Stubbins and D.J. Edwards, Fracture behavior of high-strength, high-conductivity copper alloys 271&272 (1999) 306

Li, N., Active control of oxygen in molten lead–bismuth eutectic systems to prevent steel corrosion and coolant contamination 283–287 (2000) 977

Li, N., see He, B.X. 300 (2002) 73

Li, Y. and P.C. Burns, The structures of two sodium uranyl compounds relevant to nuclear waste disposal 297 (2001) 214

Li, Y.D., see Gao, X. 299 (2001) 219

Lian, J., S.X. Wang, L.M. Wang and R.C. Ewing, Radiation damage and nanocrystal formation in uranium–niobium titanates 279 (2000) 330

Liaw, P.K., see Strizak, J.P. 297 (2001) 89

Lijun, W., see Hui, X. 296 (2001) 225

Likonen, J., see Vainonen-Ahlgren, E. 271&272 (1999) 459

Lillard, R.S., D.L. Pile and D.P. Butt, The corrosion of materials in water irradiated by 800 MeV protons 290–293 (2001) 216

Lillard, R.S., G.J. Willcutt, D.L. Pile and D.P. Butt, The corrosion of Alloy 718 during 800 MeV proton irradiation 277 (2000) 250

Limacher, B., see Thiébaut, S. 277 (2000) 217

Lin, B.L., see Gao, X. 279 (2000) 330

Lin, Y.P. and O.T. Woo, Oxidation of β -Zr and related phases in Zr–Nb alloys: an electron microscopy investigation 277 (2000) 11

Lin, Y.P. and V. Perovic, Zr–silicide particles in Zr–2.5Nb pressure tube material: influence of oxidation and irradiation 280 (2000) 120

Lind, A. and U. Bergenlid, Mechanical properties of hot isostatic pressed type 316LN steel after irradiation 283–287 (2000) 451

Lindau, R., A. Möslang, D. Preining, M. Rieth and H.D. Röhrig, Influence of helium on impact properties of reduced-activation ferritic/martensitic Cr-steels 271&272 (1999) 450

Lindig, S., see Stan-Sion, C. 290–293 (2001) 491

Lindig, S., see Wang, W. 299 (2001) 124

Linevsky, M.J., see Regan, T.M. 300 (2002) 47

Lingertat, J., M. Laux and R. Monk, Narrow power deposition profiles on the JET divertor target 290–293 (2001) 896

Lingertat, J., see Itami, K. 290–293 (2001) 633

Linke, H., see Chappuis, Ph. 290–293 (2001) 245

Linke, J., H. Bolt, R. Duwe, W. Kühnlein, A. Lodato, M. Rödig, K. Schöpflin and B. Wiechers, High heat flux simulation experiments with improved electron beam diagnostics 283–287 (2000) 1152

Linke, J., M. Akiba, R. Duwe, A. Lodato, H.-J. Penkalla, M. Rödig and K. Schöpflin, Material degradation and particle formation under transient thermal loads 290–293 (2001) 1102

Linke, J., see Rödig, M. 283–287 (2000) 1161

Linsmeier, Ch., J. Luthin and P. Goldstraß, Mixed material formation and erosion 290–293 (2001) 25

Linsmeier, Ch., see Goldstrass, P. 290–293 (2001) 71

Linsmeier, Ch., see Goldstrass, P. 290–293 (2001) 76

Linsmeier, Ch., see Luthin, J. 290–293 (2001) 121

Liotard, J.-M., see Techer, I. 282 (2000) 40

Lipa, M., see Mitteau, R. 290–293 (2001) 1036

Lipschultz, B., D.A. Pappas, B. LaBombard, J.E. Rice, D. Smith and S. Wukitch, Molybdenum sources and transport in Alcator C-Mod 290–293 (2001) 286

Lipschultz, B., see Boswell, C.J. 290–293 (2001) 556

Lipschultz, B., see Pitcher, C.S. 290–293 (2001) 812

- Lipschultz, B., see Stotler, D.P.
- Lisgo, S., see Haddad, E.
- Lisgo, S., see Stangeby, P.C.
- Litnovsky, A.M., B.I. Khrripunov, G.V. Sholin, V.B. Petrov, V.V. Shapkin and N.V. Antonov, Resonance radiation and high excitation of neutrals in plasma–gas interactions
- Litnovsky, A.M., see Guseva, M.I.
- Litnovsky, A.M., see Khrripunov, B.I.
- Litunovsky, V.N., I.B. Ovchinnikov and V.A. Titov, Experimental study of radiation power flux on the target surface during high heat plasma irradiation
- Liu, C., see Jung, P.
- Liu, C., see Schliefer, F.
- Liu, C., see Zhang, C.
- Liu, L., see Guo, Q.G.
- Liu, L., T. Mitamura, M. Niibe, H. Tsubakino and M. Terasawa, AFM study of the surface deformation of austenitic stainless steel irradiated by He⁺ ions
- Liu, S., see Gao, X.
- Liu, S.X., see Gao, X.
- Liu, X., see Ge, C.-C.
- Liu, X.N., see Gao, X.
- Livens, F.R., see Abraitis, P.K.
- Livens, F.R., see Abraitis, P.K.
- Livshits, A., see Busnyuk, A.
- Livshits, A., see Nakamura, Y.
- Livshits, A., see Ohyabu, N.
- Lloyd, J.A., see Manner, W.L.
- Loarer, T., Ph. Ghendrih, J. Gunn, A. Azéroual, L. Costanzo, C. Grisolía, R. Guirlet, G. Mank, P. Monier-Garbet and B. Pégorié, Particle collection and exhaust in ergodic divertor experiments on Tore Supra
- Loarer, T., see Costanzo, L.
- Loarer, T., see Escarguel, A.
- Loarer, T., see Ghendrih, Ph.
- Loarer, T., see Grisolía, C.
- Loarer, T., see Mank, G.
- Loarer, T., see Monier-Garbet, P.
- Loarer, Th., see Grisolía, C.
- Loarte, A., Multi-machine modeling of divertor geometry effects
- Loarte, A., see Federici, G.
- Loarte, A., see García-Cortés, I.
- Loarte, A., see Kukushkin, A.S.
- Loarte, A., see Pitts, R.A.
- Lodato, A., see Cardella, A.
- Lodato, A., see Linke, J.
- Lodato, A., see Linke, J.
- Lodato, A., see Rödig, M.
- Lodding, A., see Van Iseghem, P.
- 290–293 (2001) 967
278 (2000) 111
290–293 (2001) 733
- 290–293 (2001) 1107
290–293 (2001) 1069
- 290–293 (2001) 201
- 290–293 (2001) 1112
296 (2001) 165
- 283–287 (2000) 540
- 283–287 (2000) 259
- 290–293 (2001) 191
- 278 (2000) 30
279 (2000) 330
279 (2000) 330
- 283–287 (2000) 1116
279 (2000) 330
280 (2000) 196
280 (2000) 206
- 290–293 (2001) 57
278 (2000) 312
- 283–287 (2000) 1297
275 (1999) 37
- 290–293 (2001) 900
290–293 (2001) 840
290–293 (2001) 854
290–293 (2001) 798
290–293 (2001) 863
290–293 (2001) 910
290–293 (2001) 925
290–293 (2001) 402
- 290–293 (2001) 805
290–293 (2001) 260
290–293 (2001) 604
290–293 (2001) 887
290–293 (2001) 940
283–287 (2000) 1105
283–287 (2000) 1152
290–293 (2001) 1102
283–287 (2000) 1161
298 (2001) 86
- Lodding, A. and P. Van Iseghem, In-depth distributions of elements in leached layers on two HLW waste glasses after burial in clay; step-scan by SIMS
- Lombardi, C., A. Mazzola, E. Padovani and M.E. Ricotti, Neutronic analysis of U-free inert matrix and thorium fuels for plutonium disposition in pressurised water reactors
- Longhurst, G.R., see Anderl, R.A.
- Longhurst, G.R., see Scaffidi-Argentina, F.
- López M, B.E., see Carrera, L.M.
- Lorenz, A., see Lang, P.T.
- López M, B.E., see Carrera, L.M.
- Lösönen, P., On the behaviour of intragranular fission gas in UO₂ fuel
- Lott, B., see Hilscher, D.
- Lousteau, D.C., see Mansur, L.K.
- Louthan, M.R., see Hamilton, M.L.
- Lowden, R.A., see Snead, L.L.
- Lu, Z., M. Abdou and A. Ying, 3D Micromechanical modeling of packed beds
- Lucas, G.E., see Donahue, E.G.
- Lucas, G.E., see Donahue, E.G.
- Lucas, G.E., see Kurtz, R.J.
- Lucas, G.E., see Späthig, P.
- Lucas, G.E., see Späthig, P.
- Lucas, G.E., see Toloczko, M.B.
- Lucas, G.E., see Wirth, B.D.
- Lucas, G.E., see Yamamoto, T.
- Lucazeau, G., see Bouvier, P.
- Luchini, J.F., see Sattonnay, G.
- Luce, T., see Mahdavi, M.A.
- Luckhardt, S., see Grossman, A.
- Luckhardt, S., see Hirooka, Y.
- Luckhardt, S.C., see Doerner, R.P.
- Luckscheiter, B. and B. Kienzler, Determination of sorption isotherms for Eu, Th, U and Am on the gel layer of corroded HLW glass
- Lulewicz, J.D., N. Roux, G. Piazza, J. Reimann and J. van der Laan, Behaviour of Li₂ZrO₃ and Li₂TiO₃ pebbles relevant to their utilization as ceramic breeder for the HCPB blanket
- Lumpkin, G.R., Alpha-decay damage and aqueous durability of actinide host phases in natural systems
- Lumpkin, G.R., Physical and chemical characteristics of baddeleyite (monoclinic zirconia) in natural environments: an overview and case study
- 298 (2001) 197
- 274 (1999) 181
273 (1999) 1
- 283–287 (2000) 43
299 (2001) 242
- 290–293 (2001) 374
299 (2001) 242
- 280 (2000) 56
296 (2001) 83
296 (2001) 1
- 283–287 (2000) 418
283–287 (2000) 551
- 299 (2001) 101
283–287 (2000) 518
283–287 (2000) 637
283–287 (2000) 70
283–287 (2000) 721
275 (1999) 324
283–287 (2000) 987
276 (2000) 33
283–287 (2000) 992
300 (2002) 118
288 (2001) 11
- 290–293 (2001) 905
290–293 (2001) 80
274 (1999) 320
290–293 (2001) 166
- 298 (2001) 155
- 283–287 (2000) 1361
- 289 (2001) 136
- 274 (1999) 206

- Lumpkin, G.R., see Smith, K.L.
- Lumpkin, G.R., K.L. Smith and M.G. Blackford, Heavy ion irradiation studies of columbite, brannerite, and pyrochlore structure types 277 (2000) 159
- Luo, G.-N., K. Yamaguchi, T. Terai and M. Yamawaki, Work function change of first wall candidate metals due to ion beam irradiation 289 (2001) 177
- Luo, G.-N., K. Yamaguchi, T. Terai and M. Yamawaki, Work function change of first wall candidate metals due to ion beam irradiation 290–293 (2001) 116
- Luo, S., J. Sheng and B. Tang, A comparison of HLW-glass and PWR-borate waste glass 298 (2001) 180
- Luo, S., see Sheng, J. 297 (2001) 57
- Luppo, M.I., C. Bailat, R. Schäublin and M. Victoria, Tensile properties and microstructure of 590 MeV proton-irradiated pure Fe and a Fe–Cr alloy 283–287 (2000) 483
- Luppo, M.I., see Victoria, M.
- Luthin, J. and Ch. Linsmeier, Influence of oxygen on the carbide formation on tungsten 290–293 (2001) 121
- Luthin, J., see Linsmeier, Ch.
- Luthin, J., see Zuhrl, R.A.
- Lutze, W., see Gong, W.L.
- Lutze, W., see Gong, W.L.
- Lutze, W., see Gong, W.L.
- Luzzi, L., see Vetraino, F.
- Lyasota, I., see Dolinski, Yu.
- Lysenko, V., see Vatulin, A.
- Lyublinski, I.E., see Evtikhin, V.A.
- Lyublinsky, I.E., see Khrupunov, B.I.
- Ma, F., see Wang, Z.G.
- Macaulay-Newcombe, R.G., see Davis, J.W.
- Macaulay-Newcombe, R.G., see Haasz, A.A.
- Mack, K.J., see Lefhalm, C.H.
- MacLatchy, C., see Gangadhara, S.
- Maday, M.-F., Phenomenological aspects of fatigue cracking in as-received and hardened F82H modified steel exposed to lithiated water with dissolved hydrogen at 240°C 283–287 (2000) 689
- Maeda, H., see Okada, A.
- Maeda, T., see Inagaki, Y.
- Maeda, T., T. Banba, K. Sonoda, Y. Inagaki and H. Furuya, Release and retention of uranium during glass corrosion 271&272 (1999) 133
- Maekawa, F., Y.M. Verzilov, D.L. Smith and Y. Ikeda, Experimental study on beryllium-7 production via sequential reactions in lithium-containing com-
- ounds irradiated by 14 MeV neutrons 283–287 (2000) 1448
- Maeng, W.-Y. and M.-H. Kim, Comparative study on the fatigue crack growth behavior of 316L and 316LN stainless steels: effect of microstructure of cyclic plastic strain zone at crack tip 282 (2000) 32
- Maeng, W.Y., Y.H. Kang, T.W. Nam, S. Ohashi and T. Ishihara, Synergistic interaction of fatigue and stress corrosion on the corrosion fatigue crack growth behavior in Alloy 600 in high temperature and high pressure water 275 (1999) 194
- Maeta, H., see Yuya, H.
- Magara, M., see Nakano, Y.
- Magara, M., see Yamashita, T.
- Maggiore, C.J., see Hollis, K.J.
- Magnani, G., see Vetraino, F.
- Magnani, M., see Coppola, R.
- Magula, V., see Slugeň, V.
- Mahdavi, M.A., M.R. Wade, J.G. Watkins, C.J. Lasnier, T. Luce, S.L. Allen, A.W. Hyatt, C. Baxi, J.A. Boedo, A.S. Bozek, N.H. Brooks, R.J. Colchin, T.E. Evans, M.E. Fenstermacher, M.E. Friend, R.C. O'Neill, R.C. Isler, A.G. Kellman, A.W. Leonard, R. Maingi, R.A. Moyer, T.W. Petrie, G.D. Porter, M.J. Schaffer, S. Skinner, R.D. Stambaugh, P.C. Stangeby, W.P. West, D.G. Whyte and N.S. Wolf, Initial performance results of the DIII-D Divertor 2001 290–293 (2001) 905
- Mahdavi, M.A., see Allen, S.L.
- Mahdavi, M.A., see Leonard, A.W.
- Mahdavi, M.A., see Osborne, T.H.
- Mahdavi, M.A., see Petrie, T.W.
- Maier, H., see Neu, R.
- Maier, H., see Rohde, V.
- Maier, H., see Tabasso, A.
- Maingi, R., see Allen, S.L.
- Maingi, R., see Kugel, H.W.
- Maingi, R., see Kugel, H.W.
- Maingi, R., see Mahdavi, M.A.
- Maingi, R., see Owen, L.W.
- Maingi, R., see Rensink, M.E.
- Mair, C., H. Deutsch, K. Becker, T.D. Märk and E. Vietzke, Detection of sputtered and evaporated carbon aggregates: relative and absolute electron ionization fragmentation yields 290–293 (2001) 291
- Majumdar, S. and G. Kalinin, ITER structural design criteria and their extension to advanced reactor blankets 283–287 (2000) 1424

- Argentina, H., Werle, C.H., Wu, R.Kh., Zalavutdinov and A.P. Zakharov, Codeposition of deuterium ions with beryllium oxide at elevated temperatures 283–287 (2000) 1094
- Markina, N.V., and G.A. Shmansky, TRANS_MU computer code for computation of transmutant formation kinetics in advanced structural materials for fusion reactors 271&272 (1999) 30
283–287 (2000) 1434
- Markovskij, D.V., see Richter, D.
- Markuchkin, Yu.E., see Davydov, D.A.
- Markushkin, Yu.E., see Davydov, D.A.
- Marmar, E., see Boivin, R.L.
- Marmar, E.S., see Terry, J.L.
- Marmo, E., see Vettraino, F.
- Marmy, P. and T. Leguey, Impact of irradiation on the tensile and fatigue properties of two titanium alloys 296 (2001) 155
280 (2000) 162
276 (2000) 278
- Marmy, P., see Song, S.-H.
- Marmy, P., see Ungár, T.
- Marmy, P., T. Leguey, I. Belianov and M. Victoria, Tensile and fatigue properties of two titanium alloys as candidate materials for fusion reactors 283–287 (2000) 602
276 (2000) 33
290–293 (2001) 1018
- Maroudas, D., see Wirth, B.D.
- Marrelli, L., see Spizzo, G.
- Martín Muñoz, F.J., see Gómez Briceño, D.
- Martín Muñoz, F.J., see Soler Crespo, L.
- Martemianov, S., see Chaulet, D.
- Martin, G., see Abromeit, C.
- Martin, G., see Bucalossi, J.
- Martin, G., see Mitteau, R.
- Martin, P., A. Chevarier and G. Panczer, Diffusion under irradiation of rare earth elements in apatite 278 (2000) 202
- Martin, P., A. Moroño and E.R. Hodgson, Radiation effects on laser damage in KU1 quartz glass 283–287 (2000) 894
- Martin, P., G. Carlot, A. Chevarier, C. Den-Auwer and G. Panczer, Mechanisms involved in thermal diffusion of rare earth elements in apatite 275 (1999) 268
290–293 (2001) 1018
290–293 (2001) 980
290–293 (2001) 696
290–293 (2001) 729
279 (2000) 308
296 (2001) 243
290–293 (2001) 980
290–293 (2001) 990
- Martynenko, Yu.V., see Guseva, M.I.
- Masaki, K., see Asakura, N.
- Masamura, K., see Tamura, M.
- Maslar, J.E., W.S. Hurst, W.J. Bowers Jr. and J.H. Hendricks, In situ Raman spectroscopic investigation of zirconium-niobium alloy corrosion under hydrothermal conditions 298 (2001) 239
271&272 (1999) 405
- Mason, P.K., see Cordfunke, E.H.P.
- Mason, P.K., see Manenc, H.
- Massih, A.R., see Varias, A.G.
- Mast, F., see Pautasso, G.
- Mast, K.F., see Fuchs, J.C.
- Masuda, N., see Mitamura, T.
- Masuzaki, S., K. Akaishi, H. Funaba, M. Goto, K. Ida, S. Inagaki, N. Inoue, K. Kawahata, A. Komori, Y. Kubota, T. Morisaki, S. Morita, Y. Nakamura, K. Narihara, K. Nishimura, N. Noda, N. Ohyabu, B.J. Peterson, A. Sagara, R. Sakamoto, K. Sato, M. Shoji, H. Suzuki, Y. Takeiri, K. Tanaka, T. Tokuzawa, T. Watanabe, K. Tsuzuki, T. Hino, Y. Matsumoto, S. Kado, O. Motojima and LHD Experimental Group, Review of initial experimental results of the PSI studies in the large helical device 290–293 (2001) 12
290–293 (2001) 423
290–293 (2001) 126
290–293 (2001) 1040
290–293 (2001) 930
290–293 (2001) 336
294 (2001) 148
283–287 (2000) 1073
283–287 (2000) 10
283–287 (2000) 414
271&272 (1999) 478
- Matera, R., see Cazzola, C.
- Matera, R., see Kalinin, G.
- Matera, R., see Scholz, R.
- Matera, R., see Tanaka, S.
- Materna-Morris, E., see Röhrig, H.D.
- Materna-Morris, E.I., see Alamo, A.
- Mathew, M.D., see Sasikala, G.
- Mathews, M.D., B.R. Ambekar and A.K. Tyagi, Bulk and lattice thermal expansion of $\text{Th}_{1-x}\text{Ce}_x\text{O}_2$ 280 (2000) 246
- Mathews, M.D., B.R. Ambekar and A.K. Tyagi, Bulk thermal expansion studies of $\text{Th}_{1-x}\text{Ce}_x\text{O}_2$ in the complete solid solution range 288 (2001) 83
280 (2000) 51
278 (2000) 123
- Mathews, M.D., see Tyagi, A.K.

- Mathews, M.D., see Tyagi, A.K.
 Mathews, T., see Subasri, R.
 Mathon, M.H., see Bouche, G.
 Mathon, M.H., see de Carlan, Y.
 Mathon, M.-H., see Grosse, M.
 Mathur, P.K., see Kalekar, B.B.
 Matsubara, T., see Tokunaga, K.
 Matsuda, S., see Kohyama, A.
 Matsuda, T., see Nitani, N.
 Matsuda, T., see Yamanaka, S.
 Matsuda, T., see Yamanaka, S.
 Matsui, H., see Candra, Y.
 Matsui, H., see Fukumoto, K.-i.
 Matsui, H., see Fukumoto, K.-i.
 Matsui, H., see Hayashi, T.
 Matsui, H., see Kasada, R.
 Matsui, H., see Kimura, A.
 Matsui, H., see Kohyama, A.
 Matsui, H., see Kurtz, R.J.
 Matsui, H., see Nagasaka, T.
 Matsui, H., see Nita, N.
 Matsui, H., see Nita, N.
 Matsui, H., see Ochiai, K.
 Matsui, H., see Ryazanov, A.
 Matsui, H., see Tsai, H.
 Matsui, H., see Yamamoto, T.
 Matsui, H., see Yamamoto, T.
 Matsui, T., S. Muto and T. Tanabe,
 TEM study on deuterium-irradiation-induced defects in tungsten and molybdenum
 Matsui, T., see Arita, Y.
 Matsui, T., see Arita, Y.
 Matsui, T., see Muto, S.
 Matsui, T., see Nishi, Y.
 Matsui, T., see Sato, T.
 Matsui, T., see Sato, T.
 Matsui, T., see Shoji, Y.
 Matsui, T., see Yamazaki, S.
 Matsui, T., see Yuya, H.
 Matsui, Y., see Niimi, M.
 Matsui, Y., Y. Itahashi, M. Shimizu
 and H. Tsuji, Irradiation-coupling techniques using JMTR
 and another facility
 Matsukawa, Y., T. Suda, S. Ohnuki
 and C. Namba, Microstructure
 and mechanical properties of
 neutron irradiated TiNi shape
 memory alloy
 Matsumoto, N., see Yuya, H.
 Matsumoto, S., see Inagaki, Y.
 Matsumoto, T., see Okada, A.
 Matsumoto, Y., see Masuzaki, S.
 Matsumura, S., see Abromeit, C.
 Matsumura, S., see Abromeit, C.
 Matsumura, S., see Müller, S.
 Matsumura, S., see Shiiyama, K.
 Matsumura, S., see Soeda, T.
 Matsuura, H., T. Yamamoto and
 M. Numano, Effect of biasing on
 divertors in low and high ionization states
 Matsuyama, M., see Ashida, K.
 Matsuyama, M., see Hirooka, Y.
 Matsuyama, M., T. Tanabe, N.
 Noda, V. Philipps, K.H. Finken
 and K. Watanabe, Nondestructive
 measurement of surface tri-
 tium by β -ray induced X-ray
 spectrometry (BIXS)
 Mattas, R., see Smith, D.L.
 Matthews, G., see Hillis, D.L.
 Matthews, G.F., S.K. Erents, W.
 Fundamenski, C. Ingesson, R.D.
 Monk and V. Riccardo, Di-
 vertor energy distribution in JET
 H-modes
 Matthews, G.F., see Chankin, A.V.
 Matthews, G.F., see Coad, J.P.
 Matthews, G.F., see Fundamenski,
 W.
 Matthews, G.F., see García-Cortés,
 I.
 Matthews, G.F., see Groth, M.
 Matthews, G.F., see Itami, K.
 Matthews, G.F., see Stamp, M.F.
 Matthews, G.F., see Summers,
 D.D.R.
 Mattigod, S.V., see McGrail, B.P.
 Mattioli, M., see Escarguel, A.
 Mattioli, M., see Hogan, J.
 Mattioli, M., see Schunke, B.
 Matus, L., see Csordás, A.P.
 Matvienko, Y.G., see Kim, Y.S.
 Matzke, Hj., see Chauvin, N.
 Matzke, Hj., see Sickafus, K.E.
 Matzke, Hj., V.V. Rondinella and
 T. Wiss, Materials research on
 inert matrices: a screening study
 May, R.P., see Coppola, R.
 Mayer, M., see Balden, M.
 Mayer, M., see Balden, M.
 Mayer, M., see Behrisch, R.
 Mayer, M., see Stan-Sion, C.
 Mayer, M., see von Seggern, J.
 Mayer, M., see Wienhold, P.
 Mayer, M., V. Philipps, P. Wien-
 hold, H.G. Esser, J. von Seggern
 and M. Rubel, Hydrogen in-
 ventories in nuclear fusion de-
 vices
 Mayne, M., see Chappuis, Ph.
 Maziasz, P.J., see Kim, I.-S.
 Mazoyer, R., see Chauvin, N.
 Mazul, I., see Barabash, V.
 Mazul, I., see Kalin, B.
 Mazul, I., see Makhankov, A.
 Mazul, I.V., see Arkhipov, I.I.
 Mazul, I.V., see Arkhipov, I.I.
 Mazul, I.V., see Belyakov, V.A.
 Mazzola, A., see Lombardi, C.
- 294 (2001) 198
 300 (2002) 237
 277 (2000) 91
 283–287 (2000) 672
 277 (2000) 280
 279 (2000) 245
 283–287 (2000) 1121
 283–287 (2000) 20
 274 (1999) 15
 294 (2001) 94
 294 (2001) 99
 271&272 (1999) 301
 283–287 (2000) 492
 283–287 (2000) 535
 283–287 (2000) 234
 271&272 (1999) 360
 283–287 (2000) 827
 283–287 (2000) 20
 283–287 (2000) 70
 283–287 (2000) 816
 271&272 (1999) 365
 283–287 (2000) 291
 271&272 (1999) 376
 271&272 (1999) 356
 283–287 (2000) 362
 271&272 (1999) 440
 283–287 (2000) 992
 283–287 (2000) 1139
 294 (2001) 202
 294 (2001) 206
 290–293 (2001) 131
 294 (2001) 209
 294 (2001) 130
 294 (2001) 135
 273 (1999) 310
 294 (2001) 183
 271&272 (1999) 7
 271&272 (1999) 92
 283–287 (2000) 997
 271&272 (1999) 106
 271&272 (1999) 7
 298 (2001) 168
 271&272 (1999) 189
 290–293 (2001) 12
 271&272 (1999) 246
 276 (2000) 104
 271&272 (1999) 241
 283–287 (2000) 912
 283–287 (2000) 952
 290–293 (2001) 915
 290–293 (2001) 42
 274 (1999) 320
 290–293 (2001) 437
 283–287 (2000) 716
 290–293 (2001) 418
 290–293 (2001) 668
 290–293 (2001) 518
 290–293 (2001) 224
 290–293 (2001) 593
 290–293 (2001) 604
 290–293 (2001) 867
 290–293 (2001) 633
 290–293 (2001) 321
 290–293 (2001) 496
 298 (2001) 95
 290–293 (2001) 854
 290–293 (2001) 628
 290–293 (2001) 715
 282 (2000) 205
 278 (2000) 251
 274 (1999) 105
 274 (1999) 66
 274 (1999) 47
 283–287 (2000) 183
 283–287 (2000) 1057
 298 (2001) 225
 281 (2000) 42
 290–293 (2001) 491
 290–293 (2001) 341
 290–293 (2001) 362
 290–293 (2001) 381
 290–293 (2001) 245
 280 (2000) 264
 274 (1999) 91
 283–287 (2000) 1248
 271&272 (1999) 410
 290–293 (2001) 1117
 271&272 (1999) 418
 290–293 (2001) 394
 283–287 (2000) 962
 274 (1999) 181

- McCarthy, K.A., see Jones, R.H.
 McCarthy, K.A., see Taylor, N.P.
 McCormick, K., P. Grigull, R. König, R. Burhenn, H. Ehmler, Y. Feng, S. Fiedler, L. Giannone, D. Hildebrandt, J.P. Knauer, G. Kühner, D. Naujoks, J. Salander, Ch. Wendland and W7-AS Team, On the way to divertor detachment in the W7-AS stellarator 271&272 (1999) 518
 283–287 (2000) 28
- McCormick, K., see Grigull, P.
 McCormick, K., see König, R.W.T.
 McCracken, G., see Strachan, J.D.
 McCready, D.E., see Begg, B.D.
 McDeavitt, S.M., see Keiser Jr., D.D.
 McEachern, R., see Sunder, S.
 McGrail, B.P., D.H. Bacon, J.P. Icenhower, F.M. Mann, R.J. Puigh, H.T. Schaef and S.V. Mattigod, Near-field performance assessment for a low-activity waste glass disposal system: laboratory testing to modeling results 290–293 (2001) 920
 290–293 (2001) 1009
 290–293 (2001) 882
 290–293 (2001) 972
 289 (2001) 188
- 279 (2000) 234
 294 (2001) 59
- McGrail, B.P., see Abraitis, P.K.
 McGrail, B.P., see Abraitis, P.K.
 McGrail, B.P., see Begg, B.D.
 McKee, G., see Osborne, T.H.
 McKee, G.R., see Allen, S.L.
 McLean, H., see Wood, R.D.
 McRae, G.A., see Lemire, R.J.
 McRae, G.A., see Lemire, R.J.
 Meadows, J.W., see Greenwood, L.R.
 Medina, F., see Tabarés, F.L.
 Medvedev, A.V., see Bibilashvili, Yu.K.
 Medvedeva, E.A., see Ioltukhovskiy, A.G.
 Meigs, A., see Hillis, D.L.
 Meigs, A.G., see Groth, M.
 Meis, C., Computational study of plutonium-neodymium fluorobritholite $\text{Ca}_9\text{Nd}_{0.5}\text{Pu}_{0.5}(\text{SiO}_4)_5\text{F}_2$ thermodynamic properties and threshold displacement energies 298 (2001) 95
 280 (2000) 196
 280 (2000) 206
 288 (2001) 208
 290–293 (2001) 1013
 290–293 (2001) 995
 290–293 (2001) 513
 294 (2001) 141
 298 (2001) 340
- 283–287 (2000) 1438
 290–293 (2001) 748
- 280 (2000) 106
- 283–287 (2000) 652
 290–293 (2001) 418
 290–293 (2001) 867
- 289 (2001) 167
 290–293 (2001) 673
- 300 (2002) 242
 274 (1999) 91
 290–293 (2001) 1185
 300 (2002) 278
- Jones, S. Cox, N. Hawkes, F. Aumayr and H.P. Winter, Explorative studies for the development of fast He beam plasma diagnostics 290–293 (2001) 673
 290–293 (2001) 1185
 300 (2002) 278
 278 (2000) 111
 Merle-Mejean, T., see Barberis, P.
 Merlet, C., see Bonino, O.
 Merola, M., L. Plöchl, P. Chappuis, F. Escourbiac, M. Grattarola, I. Smid, R. Tivey and G. Vieider, Manufacturing and testing of a prototypical divertor vertical target for ITER 283–287 (2000) 1068
 283–287 (2000) 1081
 283–287 (2000) 1161
 290–293 (2001) 1128
 290–293 (2001) 374
 290–293 (2001) 1045
- Meshakin, V.I. and T. Tanabe, On the mechanism for dose rate dependence of stationary luminescence of F and F^+ centres excited by electron beam in $\alpha\text{-Al}_2\text{O}_3$ 297 (2001) 149
- Mesko, M.G. and D.E. Day, Immobilization of spent nuclear fuel in iron phosphate glass 273 (1999) 27
 278 (2000) 117
 295 (2001) 83
 279 (2000) 167
- Meslin, B., see Nguyen, F.
 Mestre, J.P., see Gin, S.
 Meyer, G., see Fernández, G.E.
 Meyer, M.K., G.L. Hofman, T.C. Wiencek, S.L. Hayes and J.L. Snelgrove, Irradiation behavior of U–Nb–Zr alloy dispersed in aluminum 299 (2001) 175
- Meyer, M.K., T.C. Wiencek, S.L. Hayes and G.L. Hofman, Irradiation behavior of $\text{U}_6\text{Mn}-\text{Al}$ dispersion fuel elements 278 (2000) 358
 290–293 (2001) 715
 283–287 (2000) 832
- Meyer, O., see Schunke, B.
 Meyer, S., see Bertsch, J.
 Mignanelli, M.A., see Cordfunke, E.H.P.
 Mikami, M., see Mochizuki, C.
 Miki, N., see Ioki, K.
 Millard-Pinard, N., see Gaillard, C.
 Miller, G.K., D.A. Petti, D.J. Varacalle and J.T. Maki, Consideration of the effects on fuel particle behavior from shrinkage cracks in the inner pyrocarbon layer 295 (2001) 205
 271&272 (1999) 508
 283–287 (2000) 957
 299 (2001) 43
- Miller, J.M., see Verrall, R.A.
 Miller, M.K., K.F. Russell, J. Kocik and E. Keilova, Embrittlement of low copper VVER 440 surveillance samples neutron-irradiated to high fluences 282 (2000) 83
 Miller, N.H., see Sunder, S. 281 (2000) 71
 279 (2000) 118

- Millot, F., see Sabioni, A.C.S.
- Mills, B.E., see Buchenauer, D.A.
- Milovancev, M.M., see Kang, Y.C.
- Mimura, H., see Ioka, I.
- Mimura, H., see Kurata, Y.
- Mimura, H., see Niimi, M.
- Min, D.-K., see You, G.-S.
- Min, J., see Stubbins, J.F.
- Minato, K., see Amaya, M.
- Minato, K., T. Ogawa, T. Koya, H. Sekino and T. Tomita, Retention of fission product caesium in ZrC-coated fuel particles for high-temperature gas-cooled reactors
- Minato, K., T. Shiratori, H. Serizawa, K. Hayashi, K. Une, K. Nogita, M. Hirai and M. Amaya, Thermal conductivities of irradiated UO_2 and $(\text{U},\text{Gd})\text{O}_2$
- Minc, L.D., see Gu, B.X.
- Mineev, M., see He, B.X.
- Minet, Y., see Jollivet, P.
- Mintz, M.H., see Arkush, R.
- Mioduszewski, P.K. and L.W. Owen, Local recycling coefficients and wall equilibration in tokamaks
- Miragliotta, J.A., see Regan, T.M.
- Miralles, M.T., see González, H.C.
- Mirgorodsky, A., see Barbéris, P.
- Mironov, Yu.K., see Glazunov, G.P.
- Mironova, E., see Scaffidi-Argenti-na, F.
- Mironova, E.G., see Ioltukhovskiy, A.G.
- Mironova, E.G., see Porollo, S.I.
- Miserque, F., see Van den Berghe, S.
- Miserque, F., T. Gouder, D.H. Wegen and P.D.W. Bottomley, Use of UO_2 films for electrochemical studies
- Mishra, R., see Ali (Basu), M.
- Mishra, R., see Ali (Basu), M.
- Mishra, R., see Ali (Basu), M.
- Mishra, R., see Bharadwaj, S.R.
- Mitamura, T., K. Kawatsura, R. Takahashi, T. Adachi, T. Igarashi, S. Arai, N. Masuda, Y. Aoki, S. Yamamoto, K. Narumi, H. Naramoto, Y. Horino, Y. Mokuno and K. Fujii, Radiation effects of 200 keV and 1 MeV Ni ion on MgO single crystal
- Mitamura, T., K. Kawatsura, T. Nakae, T. Igarashi, T. Inoue, S. Arai, Y. Aoki, S. Yamamoto, K. Narumi, H. Naramoto, Y. Horino, Y. Mokuno, K. Fujii, M. Terasawa, H. Uchida, K. Kotera, K. Takahiro, S. Nagata and S. Yamaguchi, Radiation damage and radiation-induced segregation in single crystal stainless steel by RBS and PIXE channeling
- Mitamura, T., see Liu, L.
- Mitani, H., see Nakajima, N.
- Mitra, M.K., see Mukherjee, P.
- Mitsuda, S., see Arita, Y.
- Mitsuda, S., see Arita, Y.
- Mitsui, S. and R. Aoki, Effect of a siliceous additive on aqueous alteration of waste glass with engineered barrier materials
- Mitsuishi, K., see Xie, G.
- Mitsuyama, T., see Terai, T.
- Mitteau, R., Ph. Chappuis, Ph. Ghendrih, A. Grosman, D. Guilhem, J. Gunn, J. Hogan, M. Lipa, G. Martin, J. Schlosser and E. Tsitrone, Self-shadowing, gaps and leading edges on Tore Supra's inner first wall
- Mitteau, R., see Vallet, J.C.
- Miura, Y., see Ogawa, T.
- Miura, Y., see Tsuzuki, K.
- Miwa, Y., E. Wakai, K. Shiba, N. Hashimoto, J.P. Robertson, A.F. Rowcliffe and A. Hishinuma, Swelling of F82H irradiated at 673 K up to 51 dpa in HFIR
- Miwa, Y., see Ioka, I.
- Miwa, Y., see Klueh, R.L.
- Miwa, Y., see Sekimura, N.
- Miwa, Y., see Shiba, K.
- Miwa, Y., see Wakai, E.
- Miwa, Y., T. Sawai, K. Fukai, D.T. Hoelzer and A. Hishinuma, Microstructures in Ti-Al intermetallic compounds irradiated at 673 K in HFIR
- Miwa, Y., T. Tsukada, H. Tsuji and H. Nakajima, Microstructures of type 316 model alloys neutron-irradiated at 513 K to 1 dpa
- Miyahara, K., see Kim, I.-S.
- Miyaji, N., Y. Abe, S. Ukai and S. Onose, Post-irradiation creep rupture properties of FBR grade 316 SS structural material
- Miyamoto, Y., see Tokunaga, K.
- Miyasaka, K., T. Tanabe, G. Mank, K.H. Finken, V. Philipps, D.S. Walsh, K. Nishizawa and T. Saze, Tritium detection in plasma facing component by imaging plate technique
- Miyazawa, J., see Nakamura, Y.
- 271&272 (1999) 21
278 (2000) 30
294 (2001) 188
297 (2001) 341
294 (2001) 202
294 (2001) 206
- 279 (2000) 181
- 288 (2001) 57
297 (2001) 345
297 (2001) 214
281 (2000) 231
281 (2000) 182
- 290–293 (2001) 443
300 (2002) 47
295 (2001) 157
288 (2001) 241
- 290–293 (2001) 266
- 283–287 (2000) 1111
- 283–287 (2000) 652
283–287 (2000) 239
- 294 (2001) 168
- 298 (2001) 280
282 (2000) 261
289 (2001) 243
299 (2001) 165
275 (1999) 201
- 271&272 (1999) 15
- 290–293 (2001) 1036
290–293 (2001) 1023
290–293 (2001) 454
283–287 (2000) 681
- 290–293 (2001) 334
283–287 (2000) 440
283–287 (2000) 478
283–287 (2000) 224
283–287 (2000) 358
283–287 (2000) 799
- 283–287 (2000) 273
- 271&272 (1999) 316
280 (2000) 264
- 271&272 (1999) 173
283–287 (2000) 1121
- 290–293 (2001) 448
290–293 (2001) 1040

- Mizuta, S., see Uehira, A.
- Mizuta, S., see Ukai, S.
- Mizuta, S., see Ukai, S.
- Mizuuchi, T., M. Nakasuga, F. Sano, Y. Nakamura, K. Nagasaki, H. Okada, K. Kondo and T. Obiki, Island divertor in a helical-axis heliotron device (Heliotron J)
- Mochizuki, C., and M. Mikami, Manufacturing technique of Nb₃Al super-conductive sheet by electrically heated powder rolling
- Mochizuki, S., see Watanabe, S.
- Mohri, K., see Tanaka, S.
- Mokuno, Y., see Kawatsura, K.
- Mokuno, Y., see Mitamura, T.
- Mokuno, Y., see Mitamura, T.
- Monchanin, M., see Bourgoin, J.
- Moncoffre, N., see Brossard, F.
- Monge, M., see Leguey, T.
- Monier-Garbet, P., C. DeMichelis, Ph. Ghendrih, C. Grisolia, A. Grosman, R. Guirlet, J. Gunn, T. Loarer, C.E. Bush, C. Clement, Y. Corre, L. Costanzo, B. Schunke and J.C. Vallet, High radiation from intrinsic and injected impurities in Tore Supra ergodic divertor plasmas
- Monier-Garbet, P., see Corre, Y.
- Monier-Garbet, P., see Costanzo, L.
- Monier-Garbet, P., see Ghendrih, Ph.
- Monier-Garbet, P., see Grisolia, C.
- Monier-Garbet, P., see Grisolia, C.
- Monier-Garbet, P., see Grisolia, C.
- Monier-Garbet, P., see Guirlet, R.
- Monier-Garbet, P., see Hogan, J.
- Monier-Garbet, P., see Laugier, F.
- Monier-Garbet, P., see Loarer, T.
- Monier-Garbet, P., see Mank, G.
- Monier-Garbet, P., see Schunke, B.
- Monk, R., see Lingertat, J.
- Monk, R.D., see Matthews, G.F.
- Monk, R.D., see Stamp, M.F.
- Monti, A.M., see Pasianot, R.C.
- Montorsi, M., see Katoh, Y.
- Moon, J.S., see Hong, H.S.
- Moermann, R., see Alberici, S.
- Moreno, J.C., see Wagner, D.
- Moreschi, L.F., see La Barbera, A.
- Moret, J.-M., see Pitts, R.A.
- Morgan, P., see Hillis, D.L.
- Morgan, P.M., see Groth, M.
- Morimura, T., see Kasada, R.
- Morioka, T., see Sekimura, N.
- Morisaki, T., see Masuzaki, S.
- Morisaki, T., see Nakamura, Y.
- Morisawa, J., M. Kodama, N. Yokota, K. Nakata, K. Fukuya, 283–287 (2000) 396
278 (2000) 320
283–287 (2000) 702
- 290–293 (2001) 678
- 271&272 (1999) 508
271&272 (1999) 184
271&272 (1999) 478
271&272 (1999) 11
271&272 (1999) 15
271&272 (1999) 21
275 (1999) 296
279 (2000) 153
279 (2000) 364
- 290–293 (2001) 925
290–293 (2001) 250
290–293 (2001) 840
- 290–293 (2001) 798
275 (1999) 95
290–293 (2001) 402
290–293 (2001) 863
290–293 (2001) 872
290–293 (2001) 628
290–293 (2001) 892
290–293 (2001) 900
290–293 (2001) 910
290–293 (2001) 715
290–293 (2001) 896
290–293 (2001) 668
290–293 (2001) 321
276 (2000) 230
- 283–287 (2000) 1262
297 (2001) 113
273 (1999) 116
300 (2002) 178
294 (2001) 223
- 290–293 (2001) 940
290–293 (2001) 418
290–293 (2001) 867
299 (2001) 83
- 283–287 (2000) 758
290–293 (2001) 12
290–293 (2001) 1040
- S. Shima and K. Asano, Hydrogen analysis and slow strain rate test in Ar gas for irradiated austenitic stainless steel
- Morishita, K., and T. Diaz de la Rubia, A molecular dynamics simulation study of displacement cascades in vanadium
- Morishita, K., see Iwakiri, H.
- Morishita, K., see Sekimura, N.
- Morishita, K., T. Diaz de la Rubia, E. Alonso, N. Sekimura and N. Yoshida, A molecular dynamics simulation study of small cluster formation and migration in metals
- Morita, K., N. Kishi, A. Grigoriev, S. Masuzaki and T. Muroga, TOF analysis of reflection of low-energy light ions from solid targets using coaxial impact collision ion scattering spectroscopy (CAICISS)
- Morita, K., see Horikawa, T.
- Morita, K., see Itou, N.
- Morita, K., see Oya, Y.
- Morita, K., see Oya, Y.
- Morita, S., see Masuzaki, S.
- Morita, S., see Peterson, B.J.
- Moritani, K., S. Tanaka and H. Moriyama, Production behavior of irradiation defects in lithium silicates and silica under ion beam irradiation
- Moriyama, H., see Moritani, K.
- Moriyama, H., see Sheng, J.
- Moriyama, H., see Yamana, H.
- Moriyama, H., see Yamana, H.
- Moriyama, H., see Yamana, H.
- Moroño, A., see García-Matos, M.
- Moroño, A., see Hodgson, E.R.
- Moroño, A., see Martin, P.
- Morosoff, N.C., see Xie, Y.
- Möslelang, A., see Bertsch, J.
- Möslelang, A., see Coppola, R.
- Möslelang, A., see Lindau, R.
- Möslelang, A., see van der Schaaf, B.
- Moser, Z., see Gasior, W.
- Mossessian, D., see Boivin, R.L.
- Motojima, O., see Hino, T.
- Motojima, O., see Hirai, T.
- Motojima, O., see Inoue, N.
- Motojima, O., see Masuzaki, S.
- Motojima, O., see Nakamura, Y.
- Motojima, O., see Nishimura, H.
- Motojima, O., see Peterson, B.J.
- Motojima, O., see Voitsenya, V.S.
- Motoyama, M., see Nishijima, D.
- Motta, A.T., see Erwin, K.T.
- Moulin, D., see Bucalossi, J.
- Moulin, D., see Grisolia, C.
- 294 (2001) 241
- 271&272 (1999) 35
283–287 (2000) 1134
283–287 (2000) 758
- 283–287 (2000) 753
- 290–293 (2001) 126
290–293 (2001) 428
290–293 (2001) 281
275 (1999) 186
278 (2000) 48
290–293 (2001) 12
290–293 (2001) 930
- 281 (2000) 106
281 (2000) 106
299 (2001) 264
278 (2000) 37
294 (2001) 53
294 (2001) 232
283–287 (2000) 890
283–287 (2000) 880
283–287 (2000) 894
289 (2001) 48
283–287 (2000) 832
283–287 (2000) 183
271&272 (1999) 450
283–287 (2000) 52
294 (2001) 77
290–293 (2001) 542
290–293 (2001) 1176
283–287 (2000) 1177
283–287 (2000) 1187
290–293 (2001) 12
290–293 (2001) 1040
283–287 (2000) 1326
290–293 (2001) 930
290–293 (2001) 336
290–293 (2001) 688
294 (2001) 299
290–293 (2001) 566
275 (1999) 95

- Moyer, R.A., see Allen, S.L.
- Moyer, R.A., see Mahdavi, M.A.
- Moyer, R.A., see Schaffer, M.J.
- Moyer, R.A., see Watkins, J.G.
- Muñoz Santiuste, J.E., see Savoini, B.
- Muñoz, A., see Leguey, T.
- Mudretskaya, E.V., see Zhmendak, A.V.
- Mueller, D., see Hirooka, Y.
- Mueller, D., see Kugel, H.W.
- Mueller, D., see Kugel, H.W.
- Mueller, G., see Glasbrenner, H.
- Muir, I.J., see Hocking, W.H.
- Muis, R.P., see van der Laan, J.G.
- Mukherjee, P., P.M.G. Nambissan, P. Barat, P. Sen, S.K. Bandyopadhyay, J.K. Chakravarty, S.L. Wadekar, S. Banerjee, S.K. Chattopadhyay, S.K. Chatterjee and M.K. Mitra, The study of microstructural defects and mechanical properties in proton-irradiated Zr–1.0%Nb–1.0%Sn–0.1%Fe 290–293 (2001) 995
- Mukherjee, P., P.M.G. Nambissan, P. Sen, P. Barat and S.K. Bandyopadhyay, Proton irradiation effects in Zr–1.0 Nb–1.0 Sn–0.1 Fe probed by positron annihilation 290–293 (2001) 1185
- Mukherjee, P., P.M.G. Nambissan, P. Sen, P. Barat and S.K. Bandyopadhyay, Proton irradiation effects in Zr–1.0 Nb–1.0 Sn–0.1 Fe probed by positron annihilation 297 (2001) 341
- Mukouda, I., and Y. Shimomura, Damage evolution in neutron-irradiated Cu during neutron irradiation 273 (1999) 338
- Mukouda, I., see Shimomura, Y.
- Mukouda, I., see Shimomura, Y.
- Mukouda, I., Y. Shimomura, T. Iiyama, Y. Harada, Y. Katano, T. Nakazawa, D. Yamaki and K. Noda, Microstructure in pure copper irradiated by simultaneous multi-ion beam of hydrogen, helium and self ions 271&272 (1999) 230
- Mukugi, K., see Kikuchi, K.
- Müller, R., see Grambow, B.
- Müller, G., G. Schumacher and F. Zimmermann, Investigation on oxygen controlled liquid lead corrosion of surface treated steels 283–287 (2000) 302
- Müller, S., C. Abromeit, S. Matsuura, N. Wanderka and H. Wollenberger, Disordering kinetics of Ni₃Al under ion irradiation 271&272 (1999) 241
- Munoz-Viallard, I., M. Bauer and J.-M. Bonnerot, Modelling, manufacturing and thermo-mechanical characterization of spinel–uranium dioxide composite fuels 274 (1999) 34
- Munson, C., see Veilleux, J.M.
- Murakami, M., see Allen, S.L.
- Murakawa, H., see Serizawa, H.
- Murakawa, H., see Serizawa, H.
- Murari, A., see Spizzo, G.
- Murase, Y., see Nagakawa, J.
- Muroga, T., S.J. Zinkle, A.L. Qualls and H. Watanabe, Varying temperature irradiation experiment in HFIR 290–293 (2001) 1018
- Muroga, T., S.J. Zinkle, A.L. Qualls and H. Watanabe, Varying temperature irradiation experiment in HFIR 283–287 (2000) 391
- Muroga, T., see Hamaguchi, D.
- Muroga, T., see Inoue, N.
- Muroga, T., see Katoh, Y.
- Muroga, T., see Katoh, Y.
- Muroga, T., see Kohyama, A.
- Muroga, T., see Kurtz, R.J.
- Muroga, T., see Morita, K.
- Muroga, T., see Nagasaka, T.
- Muroga, T., see Nishimura, A.
- Muroga, T., see Ochiai, K.
- Muroga, T., see Watanabe, H.
- Muroga, T., see Watanabe, H.
- Muroga, T., see Yasunaga, K.
- Muroga, T., T. Nagasaka, A. Iiyoshi, A. Kawabata, S. Sakurai and M. Sakata, NIFS program for large ingot production of a V–Cr–Ti alloy 271&272 (1999) 115
- Muromura, T., see Kimura, H.
- Muromura, T., see Yamashita, T.
- Murphy, B.D., see Barnett, M.H.
- Murugesan, N., see Prince, A.A.M.
- Muscher, H., see Konys, J.
- Muto, S. and T. Tanabe, Temperature effect of electron-irradiation-induced structural modification in graphite 283–287 (2000) 711
- Muto, S., N. Yokoya and T. Tanabe, Detailed structure analysis of deposit layer in TEXTOR by means of TEM techniques 274 (1999) 197
- Muto, S., N. Yokoya and T. Tanabe, Detailed structure analysis of deposit layer in TEXTOR by means of TEM techniques 296 (2001) 54
- Muto, S., N. Yokoya and T. Tanabe, Erratum to ‘Detailed structure analysis of deposit layer in TEXTOR by means of TEM techniques’ [J. Nucl. Mater. 290–293 (2001) 295–298] 289 (2001) 281
- Muto, S., N. Yokoya and T. Tanabe, Erratum to ‘Detailed structure analysis of deposit layer in TEXTOR by means of TEM techniques’ [J. Nucl. Mater. 290–293 (2001) 295–298] 296 (2001) 289
- Muto, S., see Matsui, T.
- Muto, S., see Takeuchi, M.
- Muto, S., T. Matsui and T. Tanabe, Non-destructive structural analysis of surface blistering by TEM and EELS in a reflection configuration 283–287 (2000) 917
- Muto, S., T. Tanabe, M. Takeuchi, Y. Kobayashi, S. Furuno and K. Hojou, TEM analyses of surface 290–293 (2001) 295
- Muto, S., T. Tanabe, M. Takeuchi, Y. Kobayashi, S. Furuno and K. Hojou, TEM analyses of surface 283–287 (2000) 1139
- Muto, S., T. Tanabe, M. Takeuchi, Y. Kobayashi, S. Furuno and K. Hojou, TEM analyses of surface 271&272 (1999) 280
- Muto, S., T. Tanabe, M. Takeuchi, Y. Kobayashi, S. Furuno and K. Hojou, TEM analyses of surface 290–293 (2001) 131

- ridge network in an ion-irradiated graphite thin film
- Mutoh, I., see Fujitsuka, M.
- Mutoh, T., see Nakamura, Y.
- Myburg, G., see Varga, K.
- Mythili, R., see Vijayalakshmi, M.
- Na, S.H., see Lee, Y.-W.
- Nagakawa, J., see Yamamoto, N.
- Nagakawa, J., Y. Murase, N. Yamamoto and T. Fukuzawa, Irradiation creep at 60 °C in SUS 316 and its impact on fatigue fracture
- Nagao, Y., see Fischer, U.
- Nagaraja, K.S., see Arul Antony, S.
- Nagarajan, K., see Prabhakara Reddy, B.
- Nagarajan, K., see Venkata Krishnan, R.
- Nagasaka, T., H. Takahashi, T. Muroga, T. Tanabe and H. Matsui, Recovery and recrystallization behavior of vanadium at various controlled nitrogen and oxygen levels
- Nagasaka, T., see Inoue, N.
- Nagasaka, T., see Muroga, T.
- Nagasaka, T., see Nishimura, A.
- Nagasaki, K., see Mizuchi, T.
- Nagasaki, T., see Arita, Y.
- Nagasaki, T., see Arita, Y.
- Nagasaki, T., see Nishi, Y.
- Nagasaki, T., see Sato, T.
- Nagasaki, T., see Sato, T.
- Nagasaki, T., see Yamazaki, S.
- Nagata, M., see Ogawa, T.
- Nagata, S. and K. Takahiro, Deuterium retention in tungsten and molybdenum
- Nagata, S. and K. Takahiro, Effect of helium irradiation on trapping and thermal release of deuterium implanted in tungsten
- Nagata, S., see Fukumoto, K.-i.
- Nagata, S., see Mitamura, T.
- Nägele, W., see Penzhorn, R.-D.
- Nägele, W., see Penzhorn, R.-D.
- Nagy, G., Z. Kerner and T. Pajkossy, In situ electrochemical impedance spectroscopy of Zr-1%Nb under VVER primary circuit conditions
- Nagy, G., Z. Kerner, Gá. Battistig, A. Pintér-Csordás, Já. Balogh and T. Pajkossy, Oxide layers of Zr-1% Nb under PWR primary circuit conditions
- Naito, A., see Jitsukawa, S.
- Naito, A., see Sekimura, N.
- Naito, O., see Asakura, N.
- Nakae, T., see Mitamura, T.
- 271&272 (1999) 285
283–287 (2000) 1148
290–293 (2001) 1040
298 (2001) 231
279 (2000) 293
274 (1999) 7
283–287 (2000) 400
283–287 (2000) 391
280 (2000) 151
295 (2001) 189
294 (2001) 112
299 (2001) 28
283–287 (2000) 816
283–287 (2000) 1187
283–287 (2000) 711
283–287 (2000) 677
290–293 (2001) 678
294 (2001) 202
294 (2001) 206
294 (2001) 209
294 (2001) 130
294 (2001) 135
294 (2001) 183
290–293 (2001) 454
283–287 (2000) 1038
290–293 (2001) 135
283–287 (2000) 535
271&272 (1999) 21
279 (2000) 139
288 (2001) 170
300 (2002) 230
297 (2001) 62
271&272 (1999) 87
283–287 (2000) 224
290–293 (2001) 825
271&272 (1999) 21
Nakagawa, S., see Sayano, A.
- Nakahara, Y., see Busnyuk, A.
- Nakahara, Y., see Nakamura, Y.
- Nakahara, Y., see Ohyabu, N.
- Nakajima, H., see Miwa, Y.
- Nakajima, K. and Y. Arai, Mass-spectrometric investigation of $\text{UO}_3(\text{g})$
- Nakajima, K., see Arai, Y.
- Nakajima, K., Y. Arai and Y. Suzuki, Vaporization behavior of NpN coloaded with PuN
- Nakajima, N., H. Mitani, Y. Yamamura and T. Tsuji, Thermodynamic and mechanical properties of $\text{Ce}_{1-x}\text{Hf}_x\text{O}_2$ ($x = 0$ –0.10) solid solutions
- Nakajima, N., see Furutani, G.
- Nakajima, R., see Tsuji, H.
- Nakama, S., see Fujino, T.
- Nakamatsu, H., see Kurihara, M.
- Nakamura, H., S. O'hira, W. Shu, M. Nishi, T.J. Venhaus, R.A. Causey, D.R. Hyatt and R.S. Willms, Tritium permeation experiment using a tungsten armored divertor-simulating module
- Nakamura, H., see Oya, Y.
- Nakamura, H., see Shu, W.M.
- Nakamura, H., T. Hayashi, T. Kakuta, T. Suzuki and M. Nishi, Tritium permeation behavior implanted into pure tungsten and its isotope effect
- Nakamura, K., M. Kurata, T. Ogata, A. Itoh and M. Akabori, Equilibrium phase relations in the U-Zr-Fe ternary system
- Nakamura, K., see Kurata, M.
- Nakamura, K., T. Ogata, M. Kurata, A. Itoh and M. Akabori, Reactions of U-Zr alloy with Fe and Fe-Cr alloy
- Nakamura, T., see Okonogi, K.
- Nakamura, Y., H. Suzuki, Y. Oka, M. Osakabe, B.J. Peterson, S. Masuzaki, T. Morisaki, J. Miyazawa, Y. Takeiri, M. Sato, T. Shimozuma, T. Mutoh, N. Noda, K. Kawahata, N. Ohyabu, O. Motojima and LHD Experimental Groups, Particle balance in NBI heated long pulse discharges on LHD
- Nakamura, Y., S. Sengoku, Y. Nakahara, N. Suzuki, H. Suzuki, N. Ohyabu, A. Busnyuk, M. Notkin and A. Livshits, Deuterium pumping experiment with superpermeable Nb membrane in JFT-2M tokamak
- 271&272 (1999) 467
290–293 (2001) 57
278 (2000) 312
283–287 (2000) 1297
271&272 (1999) 316
294 (2001) 250
281 (2000) 244
275 (1999) 332
294 (2001) 188
288 (2001) 179
271&272 (1999) 486
297 (2001) 332
281 (2000) 140
283–287 (2000) 1043
290–293 (2001) 469
290–293 (2001) 482
297 (2001) 285
275 (1999) 151
294 (2001) 123
275 (1999) 246
274 (1999) 167
290–293 (2001) 1040
278 (2000) 312

- Nakamura, Y., see Busnyuk, A. 290–293 (2001) 57
 Nakamura, Y., see Masuzaki, S. 290–293 (2001) 12
 Nakamura, Y., see Mizuuchi, T. 290–293 (2001) 678
 Nakamura, Y., see Ohyabu, N. 283–287 (2000) 1297
 Nakamura, Y., see Peterson, B.J. 290–293 (2001) 930
 Nakano, T., see Higashijima, S. 290–293 (2001) 623
 Nakano, Y., H. Akie, M. Magara and H. Takano, Burnup analysis of rock-like oxide fuel disks irradiated in the Japan Research Reactor No. 3 274 (1999) 127
 Nakashima, Y., K.Md. Islam, A. 290–293 (2001) 683
 Wada, D. Sato, S. Kobayashi, Y. Ishimoto, Y. Kawasaki, I. 277 (2000) 99
 Katanuma, T. Saito, M. Yoshikawa, R. Baba, H. Aminaka, E. Ishinuki and K. Yatsu, Studies of edge plasmas in an anchor minimum-B region of the GAMMA 10 tandem mirror 290–293 (2001) 678
 Nakashio, N., see Nishikawa, M. 290–293 (2001) 683
 Nakasuga, M., see Mizuuchi, T. 277 (2000) 99
 Nakata, K., K. Fukai, A. Hishinuma and K. Ameyama, Role of α_2/γ and γ/γ phase boundaries in cavity formation in a TiAl intermetallic compound irradiated with He-ions 290–293 (2001) 678
 Nakata, K., see Morisawa, J. 283–287 (2000) 278
 Nakayama, T., M. Abe, T. Tadokoro and M. Otsuka, Evaluation of magnetic fields due to the ferromagnetic vacuum vessel and their influence on plasma discharge in tokamak devices 294 (2001) 241
 Nakayasu, T., see Kohyama, A. 271&272 (1999) 491
 Nakazawa, T., K. Yokoyama, V. Grismanovs and Y. Katano, An ab initio study on formation and desorption reactions of H_2O molecules from surface hydroxyl groups in silicates 283–287 (2000) 565
 Nakazawa, T., K. Yokoyama, V. Grismanovs and Y. Katano, Ab initio molecular orbital calculations on chemical nature of hydrogen on surface of lithium silicate 279 (2000) 201
 Nakazawa, T., see Katano, Y. 297 (2001) 69
 Nakazawa, T., see Mukouda, I. 283–287 (2000) 942
 Nakazono, Y., see Kakiuchi, K. 283–287 (2000) 302
 Nam, S.W., see Rho, B.S. 294 (2001) 28
 Nam, T.W., see Maeng, W.Y. 300 (2002) 65
 Namba, C., see Matsukawa, Y. 275 (1999) 194
 Namba, C., see Nishimura, A. 271&272 (1999) 106
 Nambissan, P.M.G., see Mukherjee, P. 283–287 (2000) 677
 Namekawa, T., see Kurosaki, K. 273 (1999) 338
 Namekawa, T., see Kurosaki, K. 297 (2001) 341
 Nanjo, Y., see Hatano, Y. 294 (2001) 160
 Nannetti, C.A., see Alvani, C. 294 (2001) 193
 Nannetti, C.A., see La Barbera, A. 290–293 (2001) 223
 Naramoto, H., see Kawatsura, K. 271&272 (1999) 11
 Naramoto, H., see Mitamura, T. 271&272 (1999) 15
 Naramoto, H., see Mitamura, T. 271&272 (1999) 21
 Naramoto, H., see Vacik, J. 289 (2001) 308
 Narasimha Murty, B., see Balakrishna, P. 297 (2001) 35
 Narasimhan, S.V., see Anthony-samy, S. 281 (2000) 15
 Narasimhan, S.V., see Dash, S. 278 (2000) 173
 Narasimhan, S.V., see Prince, A.A.M. 289 (2001) 281
 Nardi, C., see Coppola, R. 283–287 (2000) 1243
 Narihara, K., see Masuzaki, S. 290–293 (2001) 12
 Narihara, K., see Peterson, B.J. 290–293 (2001) 930
 271&272 (1999) 360
 Narui, M., see Kasada, R. 271&272 (1999) 145
 Narui, M., see Kohno, Y. 271&272 (1999) 179
 Narui, M., see Suzuki, T. 271&272 (1999) 11
 Narumi, K., see Kawatsura, K. 271&272 (1999) 15
 Narumi, K., see Mitamura, T. 271&272 (1999) 21
 Naskidashvili, A.I., see Topchishvili, L.S. 271&272 (1999) 505
 Nastasi, M., see Sickafus, K.E. 274 (1999) 66
 Natesan, K. and W.K. Soppet, Performance of V–Cr–Ti alloys in a hydrogen environment 283–287 (2000) 1316
 Natesan, K., M. Uz and S. Wieder, Development of electrically insulating coatings for service in a lithium environment 283–287 (2000) 1277
 Natesan, K., see Reed, C.B. 283–287 (2000) 1206
 Naujoks, D. and J.N. Brooks, Combined sheath and thermal analysis of overheated surfaces in fusion devices 290–293 (2001) 1123
 Naujoks, D., see König, R.W.T. 290–293 (2001) 882
 Naujoks, D., see McCormick, K. 290–293 (2001) 920
 Naundorf, V., see Fielitz, P. 271&272 (1999) 52
 Nawada, H.P. and O.M. Sreedharan, Kohler solution model for prediction of activities of constituent metals in austenitic steels and other iso-structural alloys and a comparison with experimental data 273 (1999) 37
 Naz, S., see Gong, W.L. 295 (2001) 295
 Nazé, L., see Bouche, G. 277 (2000) 91
 Nazarov, N.I., see Glazunov, G.P. 290–293 (2001) 266
 Nedospasov, A.V., see Zhmendak, A.V. 290–293 (2001) 220
 Neef, R.-D., see Hilscher, D. 296 (2001) 83
 Neef, E.A.C., R.J.M. Konings, K. Bakker, J.G. Bosshoven, H. Hein, R.P.C. Schram, A. van Veen and R. Conrad, Neutron irradiation of polycrystalline yttrium aluminate garnet, magne-

- sium aluminate spinel and α -alumina 78
 Nefedov, A.P., see Winter, J. 509
 Negodaev, M.A., see Markin, A.V. 1094
 Nekliudov, I.M., see Kamyshchenko, N.V. 84
 Neklyudov, I.M., see Voyevodin, V.N. 290
 Nelson, J.L., see Bruemmer, S.M. 274
 Németh, Z., see Varga, K. 298
 Nemoto, Y., A. Hasegawa, M. Satou and K. Abe, Microstructural development of neutron irradiated W-Re alloys 283–287 (2000) 1144
 Nesterov, B.I., see Bibilashvili, Yu.K. 280 (2000) 106
 Nesterova, E.V., see Gorynin, I.V. 283–287 (2000) 465
 Nesterova, E.V., see Kozhevnikov, O.A. 271&272 (1999) 472
 Neu, R., see Bürbaumer, H. 290–293 (2001) 571
 Neu, R., see Pugno, R. 290–293 (2001) 308
 Neu, R., see Rohde, V. 290–293 (2001) 317
 Neu, R., V. Rohde, A. Geier, K. Krieger, H. Maier, D. Bolshukhin, A. Kallenbach, R. Pugno, K. Schmidtmann, M. Zarabian and ASDEX Upgrade Team, Plasma operation with tungsten tiles at the central column of ASDEX Upgrade 290–293 (2001) 206
 Neuhauser, J., see Bosch, H.-S. 290–293 (2001) 836
 Neuhauser, J., see Herrmann, A. 290–293 (2001) 619
 Neuhauser, J., see Kim, J.-W. 290–293 (2001) 644
 Neuhauser, J., see Lang, P.T. 290–293 (2001) 374
 Neustroev, V.S., see Ilyin, A.M. 283–287 (2000) 694
 Newland, M.S., see Cordfunke, E.H.P. 294 (2001) 18
 Nezih Bilge, A., see Ayaz, B. 280 (2000) 45
 Nguyen, F., A. Grosman, V. Basuik, D. Fraboulet, B. Beaumont, A. Bécoulet, Ph. Ghendrih, L. Ladurelle and B. Meslin, Interaction of ICRF power and edge plasma in Tore Supra-ergodic divertor configuration 278 (2000) 117
 Nguyen, F., see Ghendrih, Ph. 290–293 (2001) 798
 Nicaise, G., A. Legris, J.B. Vogt and J. Foct, Embrittlement of the martensitic steel 91 tested in liquid lead 296 (2001) 256
 Nicolas, M., see Jollivet, P. 281 (2000) 231
 Nieva, N. and D. Arias, A new ternary compound in the Zr-Sn-Fe system 277 (2000) 120
 Niffenegger, M., see Grosse, M. 296 (2001) 305
 Niibe, M., see Liu, L. 278 (2000) 30
 Niimi, H., see Ogawa, T. 290–293 (2001) 454
 Niimi, M., Y. Matsui, S. Jitsukawa, T. Hoshiya, T. Tsukada, M. Ohmi, H. Mimura, N. Ooka and K. Hide, Properties of precipitation hardened steel irradiated at 323 K in the Japan materials testing reactor 271&272 (1999) 92
 Nikandrov, L., see Hassanein, A. 290–293 (2001) 1079
 Nikandrov, L.B., see Evtikhin, V.A. 271&272 (1999) 396
 Nikolaenko, V.A., V.I. Karpukhin, E.A. Krasikov and V.N. Kuznetsov, Justification of the new approach to the testing of the candidate ITER materials in fusion reactor 271&272 (1999) 120
 Nikolaev, G.N., see Davydov, D.A. 283–287 (2000) 1409
 Nikulin, A., see Shikov, A. 283–287 (2000) 968
 Nishi, H. and T. Araki, Low cycle fatigue strength of diffusion bonded joints of alumina dispersion-strengthened copper to stainless steel 283–287 (2000) 1234
 Nishi, M., see Isobe, K. 271&272 (1999) 326
 Nishi, M., see Nakamura, H. 283–287 (2000) 1043
 Nishi, M., see Nakamura, H. 297 (2001) 285
 Nishi, M., see Oya, Y. 290–293 (2001) 469
 Nishi, M., see Skinner, C.H. 290–293 (2001) 486
 Nishi, M., see Tadokoro, T. 283–287 (2000) 1048
 Nishi, M.F., see Shu, W.M. 290–293 (2001) 482
 Nishi, Y., see Arita, Y. 294 (2001) 202
 Nishi, Y., see Arita, Y. 294 (2001) 206
 Nishi, Y., see Inoue, N. 283–287 (2000) 1187
 Nishi, Y., Y. Arita, K. Terao, T. Matsui and T. Nagasaki, Boron isotope effects on the thermoelectric properties of UB_4 at low temperatures 294 (2001) 209
 Nishida, Y., see Fukuda, T. 283–287 (2000) 263
 Nishijima, D., see Uesugi, Y. 290–293 (2001) 1134
 Nishijima, D., U. Wenzel, M. Motoyama, N. Ohno, S. Takamura and S.I. Krasheninnikov, Evaluation of electron temperature in detached recombining plasmas 290–293 (2001) 688
 Nishikawa, M., N. Nakashio, T. Shiraishi, S. Odoi, T. Takeishi and K. Kamimae, Tritium trapping capacity on metal surface 277 (2000) 99
 Nishikawa, M., see Kawagoe, T. 297 (2001) 27
 Nishikawa, M., see Shiraishi, T. 273 (1999) 60
 Nishikawa, M., see Ueda, Y. 282 (2000) 216
 Nishimura, A., see Inoue, N. 283–287 (2000) 1187
 Nishimura, A., T. Nagasaka, N. Inoue, T. Muroga and C. Nambara, Low cycle fatigue properties of a low activation ferritic steel (JLF-1) at room temperature 283–287 (2000) 677
 Nishimura, H., T. Terai, T. Yoneoka, S. Tanaka, A. Sagara and O. Motojima, Compatibility of structural candidate materials with LiF-BeF₂ molten salt mixture 283–287 (2000) 1326

- Nishimura, K., see Masuzaki, S.
- Nishitani, T., see Yamamoto, S.
- Nishizawa, K., see Miyasaka, K.
- Nita, N., K. Fukumoto, A. Kimura and H. Matsui, Effect of temperature change on microstructural evolution of vanadium alloys under neutron irradiation in JMTR
- Nita, N., T. Iwai, K. Fukumoto and H. Matsui, Effects of temperature change on the microstructural evolution of vanadium alloys under ion irradiation
- Nitani, N., see Yamashita, T.
- Nitani, N., T. Yamashita, T. Matsuda, S.-i. Kobayashi and T. Ohmichi, Thermophysical properties of rock-like oxide fuel with spinel-yttria stabilized zirconia system
- Niu, L.S., see Shi, H.J.
- Niwase, K., F. Philipp, W. Sigle and A. Seeger, Void formation close to stacking fault tetrahedra in heavily electron irradiated pure Ag and Cu
- Noël, H., see Perricone, A.
- Noël, H., see Lebihan, T.
- Noël, H., see Rogl, P.
- Noda, K., see Katano, Y.
- Noda, K., see Mukouda, I.
- Noda, K., see Snead, L.L.
- Noda, N., see Federici, G.
- Noda, N., see Hino, T.
- Noda, N., see Masuzaki, S.
- Noda, N., see Matsuyama, M.
- Noda, N., see Nakamura, Y.
- Noda, N., see Ohya, K.
- Noda, N., see Ohya, K.
- Noda, N., see Peterson, B.J.
- Noda, N., see Pospieszczyk, A.
- Noda, N., see Tokunaga, K.
- Noda, N., see Wada, M.
- Noda, N., see Yasunaga, K.
- Noda, T., see Song, M.
- Noda, T., see Yu, J.
- Nogami, S., A. Hasegawa, K. Abe, T. Taguchi and R. Yamada, Effect of dual-beam-irradiation by helium and carbon ions on microstructure development of SiC/SiC composites
- Nogami, S., see Hasegawa, A.
- Nogita, K., K. Hayashi, K. Une and K. Fukuda, Depth profiles of damage accumulation in UO₂ and (U,Gd)O₂ pellets irradiated with 100 MeV iodine ions
- Nogita, K., see Minato, K.
- 290–293 (2001) 12
283–287 (2000) 60
290–293 (2001) 448
- 271&272 (1999) 365
- 283–287 (2000) 291
274 (1999) 98
- 274 (1999) 15
278 (2000) 328
- 271&272 (1999) 261
299 (2001) 260
277 (2000) 82
288 (2001) 66
283–287 (2000) 942
283–287 (2000) 302
283–287 (2000) 545
283–287 (2000) 110
290–293 (2001) 1176
290–293 (2001) 12
290–293 (2001) 437
290–293 (2001) 1040
283–287 (2000) 1182
290–293 (2001) 303
290–293 (2001) 930
290–293 (2001) 947
283–287 (2000) 1121
290–293 (2001) 768
283–287 (2000) 179
271&272 (1999) 200
283–287 (2000) 1077
- 283–287 (2000) 268
283–287 (2000) 811
- 273 (1999) 302
288 (2001) 57
- Nogita, K., see Une, K.
- Nogita, K., see Une, K.
- Noirot, J., see Chauvin, N.
- Nolte, E., see Stan-Sion, C.
- Nomata, T., see Amaya, M.
- Nomura, I., see Inagaki, Y.
- Noppel, H.-E., see Penzhorn, R.-D.
- Nordlund, K. and R.S. Averback, Collision cascades in metals and semiconductors: defect creation and interface behavior
- Nordlund, K., see Salonen, E.
- Norton, P.R., see Qin, Z.
- Norton, P.R., see Zhang, C.
- Notkin, M., see Nakamura, Y.
- Notkin, M., see Ohyabu, N.
- Novikov, V.V., see Bibilashvili, Yu.K.
- Nowicki, L.J., see Bray, T.S.
- Nozawa, T., see Hinoki, T.
- NSTX National Research Team, see Kugel, H.W.
- NSTX National Research Team, see Kugel, H.W.
- Nünighoff, K., see Hilscher, D.
- Numano, M., see Matsuura, H.
- Numata, M., see Takano, M.
- Obiki, T., see Mizuuchi, T.
- Ochiai, K., H. Watanabe, T. Muroga, N. Yoshida and H. Matsui, Microstructural evolution in vanadium irradiated during ion irradiation at constant and varying temperature
- Ochiai, K., see Fukushima, H.
- Ochiai, K., see Watanabe, H.
- Oda, T., see Hirohata, Y.
- Oda, T., see Johnson, W.R.
- Oda, T., see Takiyama, K.
- Odegard Jr., B.C., see Barabash, V.
- Odegard Jr., B.C., see Cadden, C.H.
- Odette, G.R. and M.Y. He, A cleavage toughness master curve model
- Odette, G.R., see Donahue, E.G.
- Odette, G.R., see Donahue, E.G.
- Odette, G.R., see Kurtz, R.J.
- Odette, G.R., see Spätić, P.
- Odette, G.R., see Spätić, P.
- Odette, G.R., see van der Schaaf, B.
- Odette, G.R., see Wirth, B.D.
- Odette, G.R., see Yamamoto, T.
- Odoi, S., see Nishikawa, M.
- Oelhafen, P., see Töwe, M.
- Ogata, T., see Kurata, M.
- Ogata, T., see Nakamura, K.
- Ogata, T., see Nakamura, K.
- Ogawa, H., see Ogawa, T.
- Ogawa, T., H. Ogawa, Y. Miura, H. Niimi, H. Kimura, Y. Kashiba,
- 278 (2000) 54
288 (2001) 20
274 (1999) 91
290–293 (2001) 491
300 (2002) 57
298 (2001) 168
279 (2000) 139
- 276 (2000) 194
290–293 (2001) 144
299 (2001) 77
300 (2002) 7
278 (2000) 312
283–287 (2000) 1297
- 280 (2000) 106
283–287 (2000) 633
289 (2001) 23
- 290–293 (2001) 1185
- 300 (2002) 278
296 (2001) 83
290–293 (2001) 915
294 (2001) 24
- 290–293 (2001) 678
- 271&272 (1999) 376
271&272 (1999) 220
283–287 (2000) 286
290–293 (2001) 196
283–287 (2000) 622
290–293 (2001) 976
283–287 (2000) 1248
283–287 (2000) 1253
- 283–287 (2000) 120
283–287 (2000) 518
283–287 (2000) 637
283–287 (2000) 70
283–287 (2000) 721
275 (1999) 324
283–287 (2000) 52
276 (2000) 33
283–287 (2000) 992
277 (2000) 99
290–293 (2001) 153
294 (2001) 123
275 (1999) 151
275 (1999) 246
290–293 (2001) 454

- T. Shibata, M. Yamamoto, N. Fukumoto, M. Nagata and T. Uyama, Compact toroid injection as fueling in the JFT-2M tokamak 290–293 (2001) 454
- Ogawa, T., see Akabori, M.
- Ogawa, T., see Gibson, J.K.
- Ogawa, T., see Minato, K.
- Ogawa, T., see Takano, M.
- Ogawa, T., see Tsuzuki, K.
- Ogorodnikova, O.V., Comparison of hydrogen gas-, atom- and ion-metal interactions 290–293 (2001) 454
- Ogorodnikova, O.V., Surface effects on plasma-driven tritium permeation through metals 283–287 (2000) 681
- Ogorodnikova, O.V., M.A. Fütterer, E. Serra, G. Benamati, J.-F. Salavy and G. Aiello, Hydrogen isotope permeation through and inventory in the first wall of the water cooled Pb–17Li blanket for DEMO 277 (2000) 130
- Oguri, K., see Inoue, N.
- Oh, Y.J. and J.H. Hong, Nitrogen effect on precipitation and sensitization in cold-worked Type 316L(N) stainless steels 290–293 (2001) 459
- Oh, Y.J., see Im, Y.-R.
- Oh, Y.J., see Kim, J.H.
- Ohashi, S., see Maeng, W.Y.
- Ohdachi, S., see Peterson, B.J.
- Ohgo, T., see Huber, A.
- Ohgo, T., see Ohya, K.
- Ohgo, T., see Ohya, K.
- Ohgo, T., see Pospieszczyk, A.
- Ohgo, T., see Tanabe, T.
- Ohgo, T., see Wada, M.
- O'hira, S., see Oya, Y.
- Ohira, S., see Shu, W.M.
- O'hira, S., see Nakamura, H.
- O'hira, S., see Tadokoro, T.
- Ohkubo, H., S. Sugiyama, K. Fukushima, M. Takenaka, N. Tsukuda and E. Kuramoto, Positron-lifetime study of electrically hydrogen charged Ni, austenitic stainless steel and Fe 283–287 (2000) 858
- Ohkubo, H., see Onitsuka, T.
- Ohkubo, H., see Sugiyama, S.
- Ohkubo, H., see Yoshiie, T.
- Ohmi, M., see Ishii, T.
- Ohmi, M., see Niimi, M.
- Ohmichi, T., see Nitani, N.
- Ohmichi, T., see Shiratori, T.
- Ohmichi, T., see Yamashita, T.
- Ohno, N., S. Uno, Y. Hirooka and S. Takamura, Effects of condensable impurities on the erosion behavior of the plasma-facing materials 290–293 (2001) 299
- Ohno, N., see Nishijima, D.
- Ohno, N., see Uesugi, Y.
- Ohnuki, S., see Aoyagi, K.
- Ohnuki, S., see Greenwood, L.R.
- Ohnuki, S., see Matsukawa, Y.
- Ohnuki, S., see Yamashita, S.
- Ohsaka, T., see Ueda, S.
- Ohsawa, K., see Koyanagi, M.
- Ohsawa, K., see Kuramoto, E.
- Ohsawa, K., see Kuramoto, E.
- Ohsawa, K., see Sugiyama, S.
- Ohshima, R., see Kurosaki, K.
- Ohtake, N., see Sekimura, N.
- Ohtsuka, H., see Yuya, H.
- Ohtsuka, Y., see Ueda, Y.
- Ohuchi, T., see Hino, T.
- Ohya, K., R. Kawakami, T. Tanabe, M. Wada, T. Ohgo, V. Philipps, A. Pospieszczyk, B. Schweer, A. Huber, M. Rubel, J. von Seggern and N. Noda, Simulation study of carbon and tungsten deposition on W/C twin test limiter in TEXTOR-94 283–287 (2000) 1182
- Ohya, K., R. Kawakami, T. Tanabe, M. Wada, T. Ohgo, V. Philipps, A. Pospieszczyk, A. Huber, M. Rubel, G. Sergienko and N. Noda, Simulation calculations of mutual contamination between tungsten and carbon and its impact on plasma surface interactions 290–293 (2001) 303
- Ohya, K., see Huber, A.
- Ohya, K., see Tanabe, T.
- Ohya, K., see Wada, M.
- Ohyabu, N., see Busnyuk, A.
- Ohyabu, N., see Masuzaki, S.
- Ohyabu, N., see Nakamura, Y.
- Ohyabu, N., see Nakamura, Y.
- Ohyabu, N., see Peterson, B.J.
- Ohyabu, N., Y. Nakamura, Y. Nakahara, A. Livshits, V. Alimov, A. Busnyuk, M. Notkin, A. Samartsev and A. Doroshin, Effects of thin films on inventory, permeation and re-emission of energetic hydrogen 283–287 (2000) 1297
- Ojovan, M.I., N.V. Ojovan, I.V. Startseva, G.N. Tchuikova, Z.I. Golubeva and A.S. Barinov, Waste glass behavior in a loamy soil of a wet repository site 298 (2001) 174
- Ojovan, N.V., see Ojovan, M.I.
- Oka, Y., see Nakamura, Y.
- Okabe, T., see Ashida, K.
- Okada, A., H. Maeda, K. Hamada and I. Ishida, Defect structure development in a pure iron and dilute iron alloys irradiated with neutrons and electrons 298 (2001) 174
- 290–293 (2001) 688
- 290–293 (2001) 1134
- 283–287 (2000) 876
- 283–287 (2000) 1438
- 271&272 (1999) 106
- 283–287 (2000) 647
- 283–287 (2000) 1100
- 271&272 (1999) 205
- 271&272 (1999) 26
- 283–287 (2000) 778
- 283–287 (2000) 863
- 294 (2001) 193
- 271&272 (1999) 68
- 271&272 (1999) 7
- 282 (2000) 216
- 290–293 (2001) 1176

- Okada, A., K. Hamada, T. Matsu-moto, I. Ishida and Y. Abe, Electron irradiation effects on Ti–Ni shape memory alloys 290–293 (2001) 995
- Okada, H., see Mizuuchi, T. 290–293 (2001) 905
- Okada, H., see Ukai, S. 278 (2000) 320
- Okada, M., see Ii, T. 283–287 (2000) 898
- Okamoto, H., see Inagaki, Y. 298 (2001) 168
- Okamoto, H., see Takano, M. 294 (2001) 24
- Okamoto, M., see Oya, Y. 275 (1999) 186
- Okamoto, M., see Oya, Y. 278 (2000) 48
- Okamura, K., see Kohyama, A. 283–287 (2000) 565
- Okazaki, M., see Fujino, T. 289 (2001) 270
- Okita, S., see Harano, H. 280 (2000) 255
- Okita, T., T. Kamada and N. Seki-mura, Effects of dose rate on microstructural evolution and swelling in austenitic steels under irradiation 271&272 (1999) 189
- Okonogi, K., T. Nakamura, M. Yoshinaga, K. Ishijima, H. Akie and H. Takano, Pulse irradia-tion tests of rock-like oxide fuel 283–287 (2000) 220
- Oktay, E. and A. Yayli, Physical properties of thorium oxalate powders and their influence on the thermal decomposition 274 (1999) 167
- Okuda, S., see Chimi, Y. 288 (2001) 76
- Okuda, T., see Ukai, S. 297 (2001) 355
- Okuno, K., see Isobe, K. 283–287 (2000) 702
- Okuno, K., see Shimada, K. 271&272 (1999) 326
- Olander, D., Redox condition in molten fluoride salts Definition and control 290–293 (2001) 478
- Olander, D.R. and P. Van Uffelen, Erratum to ‘On the role of grain boundary diffusion in fission gas release’ [J. Nucl. Mater. 288 (2001) 137–147] 300 (2002) 270
- Olander, D.R. and P. Van Uffelen, On the role of grain boundary diffusion in fission gas release 300 (2002) 277
- Olander, D.R., see Hashizume, K. 288 (2001) 137
- Olander, D.R., see Hong, H.S. 275 (1999) 277
- Oliver, B.M., F.A. Garner, L.R. Greenwood and J.A. Abrefah, High-sensitivity quadrupole mass spectrometry system for the determination of hydrogen in irradiated materials 297 (2001) 107
- Oliver, B.M., see Garner, F.A. 283–287 (2000) 1006
- Oliver, B.M., see Greenwood, L.R. 296 (2001) 66
- Oliver, B.M., see Hasegawa, A. 283–287 (2000) 1438
- Oliver, B.M., see Sencer, B.H. 283–287 (2000) 811
- Olson, R.A., see Burns, P.C. 283–287 (2000) 324
- Onchi, T., K. Hide and H.M. Chung, An Auger electron spectroscope analysis of thermally-sensitized type 304 stain-less steels irradiated to low neutron fluences 278 (2000) 290
- O’Neill, R.C., see Allen, S.L. 274 (1999) 341
- O’Neill, R.C., see Mahdavi, M.A. 290–293 (2001) 922
- Onitsuka, T., H. Ohkubo, M. Ta-kenaka, N. Tsukuda and E. Kuramoto, Positron lifetime cal-culation for defects and defect clusters in graphite 294 (2001) 28
- Ono, F., see Kakiuchi, K. 283–287 (2000) 922
- Ono, K., K. Arakawa and N. Yoshida, Dynamical process of defect clustering in Ni under the irradiation with low energy helium ions 271&272 (1999) 214
- Ono, K., K. Arakawa, M. Oohashi, H. Kurata, K. Hojou and N. Yoshida, Formation and migra-tion of helium bubbles in Fe–16Cr–17Ni austenitic alloy at high temperature 283–287 (2000) 210
- Ono, M., see Kugel, H.W. 290–293 (2001) 1185
- Ono, M., see Kugel, H.W. 300 (2002) 278
- Ono, T., T. Kawamura, T. Kenmo-tsu and Y. Yamamura, Simula-tion study on retention and reflection from tungsten carbide under high fluence of helium ions 290–293 (2001) 140
- Onoe, J., see Kurihara, M. 281 (2000) 140
- Onose, S., see Akasaka, N. 271&272 (1999) 370
- Onose, S., see Miyaji, N. 271&272 (1999) 173
- Onozuka, M., see Ioki, K. 283–287 (2000) 957
- Oohashi, M., see Ono, K. 283–287 (2000) 210
- Ooka, N., see Ishii, T. 283–287 (2000) 1023
- Ooka, N., see Niimi, M. 271&272 (1999) 92
- Orlando, T.M., see Shutthan-andan, V. 289 (2001) 128
- Orlinski, D., see Gorshkov, A. 273 (1999) 271
- Orlinski, D., see Yamamoto, S. 283–287 (2000) 60
- Orlinskij, D.V., see Voitsenya, V.S. 290–293 (2001) 336
- Orychtkchenko, A., see Belyaeva, L. 271&272 (1999) 151
- Osakabe, M., see Nakamura, Y. 290–293 (2001) 1040
- Osakabe, M., see Peterson, B.J. 290–293 (2001) 930
- Osako, H., see Inagaki, Y. 298 (2001) 168
- Osborne, T.H., M.A. Mahdavi, M. Chu, M.E. Fenstermacher, R. La Haye, A.W. Leonard, G. McKee, T.W. Petrie, C. Rettig, M. Wade, J. Watkins and DIII-D Team, Gas puff fueled H-mode discharges with good energy confinement above the Greenwald density limit on DIII-D 290–293 (2001) 1013
- Osborne, T.H., see Allen, S.L. 290–293 (2001) 995
- Osborne, T.H., see Fenstermacher, M.E. 290–293 (2001) 588
- Osborne, T.H., see Leonard, A.W. 290–293 (2001) 1097
- Osetsky, Yu.N., A. Serra and V. Priego, Interactions between mobile dislocation loops in Cu and α -Fe 290–293 (2001) 935
- 276 (2000) 202

- Osetsky, Yu.N., D.J. Bacon, A. Serra, B.N. Singh and S.I. Golubov, Stability and mobility of defect clusters and dislocation loops in metals 276 (2000) 65
- Osetsky, Yu.N., D.J. Bacon, F. Gao, A. Serra and B.N. Singh, Study of loop-loop and loop-edge dislocation interactions in bcc iron 283–287 (2000) 784
- Osetsky, Yu.N., see Bacon, D.J.
- Osetsky, Yu.N., see Gao, F.
- Osetsky, Yu.N., see Golubov, S.I.
- Osetsky, Yu.N., see Schäublin, R.
- Oshima, R., see Ezawa, T.
- Oskarsson, M., E. Ahlberg and K. Pettersson, Dissolution of oxygen-enriched Zircaloy-2 298 (2001) 291
- Oskarsson, M., E. Ahlberg and K. Pettersson, Oxidation of Zircaloy-2 and Zircaloy-4 in water and lithiated water at 360 °C 295 (2001) 97
- Oskarsson, M., E. Ahlberg and K. Pettersson, Phase transformation of stabilised zirconia in water and 1.0 M LiOH 295 (2001) 126
- Oskarsson, M., E. Ahlberg, U. Andersson and K. Pettersson, Characterisation of pre-transition oxides on Zircaloys 297 (2001) 77
- Oskarsson, M., E. Ahlberg, U. Södervall, U. Andersson and K. Pettersson, Pre-transition oxidation behaviour of pre-hydrided Zircaloy-2 289 (2001) 315
- Ossi, P., see Vetraino, F. 274 (1999) 23
- Ossi, P.M., Structural stability of irradiated ceramics 289 (2001) 80
- Ostrovsky, Z., see Kazakov, V.A. 283–287 (2000) 727
- Ostrovsky, Z.E., see Shamardin, V.K. 271&272 (1999) 155
- Otsuka, M., see Nakayama, T. 271&272 (1999) 491
- Ottaviani, J.P., see Chauvin, N. 274 (1999) 91
- Ouchi, N., see Kikuchi, K. 296 (2001) 34
- Ovchinnikov, I., see Burtseva, T. 290–293 (2001) 1059
- Ovchinnikov, I.B., see Litunovsky, V.N. 290–293 (2001) 1112
- Ovejero-García, J., see Domizzi, G. 275 (1999) 255
- Owen, L.W., R.J. Colchin, R. Maingi, M.E. Fenstermacher, T.N. Carlstrom and R.J. Groebner, Origins and spatial distributions of core fueling in the DIII-D tokamak 290–293 (2001) 464
- Owen, L.W., see Mioduszewski, P.K. 290–293 (2001) 443
- Owens, S., see Abramowski, M. 275 (1999) 12
- Oya, Y., see Shu, W.M. 290–293 (2001) 482
- Oya, Y., T. Suzuki, K. Iinuma, K. Morita, T. Horikawa, K. Abe and M. Okamoto, A study of absorption processes of hydrogen isotopes in some transition metals by LiOD+LiOH mixture electrolysis 278 (2000) 48
- Oya, Y., W. Shu, S. O'hira, T. Hayashi, H. Nakamura, T. Sakai, T. Tadokoro, K. Kobayashi, T. Suzuki and M. Nishi, A study of tritium decontamination of deposits by UV irradiation 290–293 (2001) 469
- Özdere, O., see Colak, Ü. 297 (2001) 271
- Pabi, S.K., see Bhattacharyya, S.K. 295 (2001) 206
- Pacher, H.D., see Federici, G. 290–293 (2001) 260
- Pacher, H.D., see Kukushkin, A.S. 290–293 (2001) 887
- Padovani, E., see Lombardi, C. 274 (1999) 181
- Paffett, M.T., see Manner, W.L. 275 (1999) 37
- Pajkossy, T., see Nagy, G. 297 (2001) 62
- Pajkossy, T., see Nagy, G. 300 (2002) 230
- Palmer, I.D., see White, R.J. 288 (2001) 43
- Palombarini, G., see Benamati, G. 279 (2000) 308
- Palombarini, G., see Fazio, C. 296 (2001) 243
- Panczer, G., see Martin, P. 275 (1999) 268
- Panczer, G., see Martin, P. 278 (2000) 202
- Panechkina, V.V., see Zhmendak, A.V. 290–293 (2001) 220
- Panneerselvam, G., see Anthonyasamy, S. 281 (2000) 15
- Pantsyrnyi, V., see Shikov, A. 283–287 (2000) 968
- Paoletti, F., see Kugel, H.W. 300 (2002) 278
- Paoletti, F., see Rensink, M.E. 290–293 (2001) 706
- Papaioannou, D., see Serrano, J.A. 294 (2001) 339
- Papaioannou, D., see Spino, J. 281 (2000) 146
- Pappas, D.A., see Lipschultz, B. 290–293 (2001) 286
- Parascandola, S., see Grigull, S. 275 (1999) 158
- Paraschiv, A., see Paraschiv, M.C. 275 (1999) 164
- Paraschiv, M.C., A. Paraschiv and V.V. Grecu, A theoretical study of volatile fission products release from oxide fuels 275 (1999) 164
- Paratte, J.M., R. Chawla, R. Früh, O.P. Joneja, S. Pelloni and C. Pralong, Validation efforts for the neutronics of a plutonium–erbium–zirconium oxide inert matrix light water reactor fuel 274 (1999) 120
- Paratte, J.M., see Degueldre, C. 274 (1999) 1
- Paratte, J.-M., see Stanculescu, A. 274 (1999) 146
- Pareige, P., see Auger, P. 280 (2000) 331
- Pareja, R., see Leguey, T. 275 (1999) 138
- Pareja, R., see Leguey, T. 279 (2000) 216
- Pareja, R., see Leguey, T. 279 (2000) 364
- Parida, S.C., see Prasad, R. 277 (2000) 45
- Park, C., see Lee, S. 282 (2000) 223

- Park, C.G., see Hong, S.G.
- Park, J.S., see Lee, S.P.
- Park, K., see Fujino, T.
- Park, S.-D., see Kim, J.-G.
- Park, Y.S., H.Y. Sohn and D.P. Butt, Thermal removal of gallium from gallia-doped ceria
- Parkhomenko, A.A., see Kamyshchenko, N.V.
- Parvathavarthini, N., S. Saroja, R.K. Dayal and H.S. Khatak, Studies on hydrogen permeability of 2.25% Cr–1% Mo ferritic steel: correlation with microstructure
- Pascal, J.-Y., see Boucher, C.
- Pascal, J.-Y., see Bucalossi, J.
- Pascal, J.Y., see Grisolía, C.
- Pascal, J.-Y., see Gunn, J.P.
- Pascal, J.Y., see Tsitrone, E.
- Paschoud, F., see Baluc, N.
- Pasianot, R.C., A.M. Monti, G. Simonelli and E.J. Savino, Computer simulation of SIA migration in bcc and hcp metals
- Pasqualotto, R., see Valisa, M.
- Pastol, J.-L., see Schmidt, B.
- Pastor, I., see de la Cal, E.
- Pastor, I., see Malerba, L.
- Pastor, I., see Tabarés, F.L.
- Pasturel, A., see Petit, T.
- Patel, K., see Kowbel, W.
- Patil, R.V., G.B. Kale and P.S. Gawde, Diffusion reactions in titanium/Inconel-600 system
- Patil, R.V., see Bhanumurthy, K.
- Paul, N., see Hilscher, D.
- Paul, S., see Kugel, H.W.
- Paul, S., see Kugel, H.W.
- Paumier, E., see Gibert-Mougel, C.
- Pautasso, G., S. Egorov, Ch. Tichmann, J.C. Fuchs, A. Herrmann, M. Maraschek, F. Mast, V. Mertens, I. Perchermeier, C.G. Windsor, T. Zehetbauer and ASDEX Upgrade Team, Prediction and mitigation of disruptions in ASDEX Upgrade
- Pautasso, G., see Kallenbach, A.
- Pavlov, S.N., see Zhmendak, A.V.
- Pawel, S.J., J.R. DiStefano and E.T. Manneschmidt, Thermal gradient mass transfer of type 316L stainless steel and alloy 718 in flowing mercury
- Pawelko, R.J., see Anderl, R.A.
- Pawelko, R.J., see Anderl, R.A.
- Paxton, M.M., see Garner, F.A.
- Paz, P., see Balden, M.
- Peacock, A., see Penzhorn, R.-D.
- Peacock, A., see Stan-Sion, C.
- 288 (2001) 202
289 (2001) 30
294 (2001) 104
297 (2001) 327
- 280 (2000) 285
- 271&272 (1999) 84
- 288 (2001) 187
290–293 (2001) 561
290–293 (2001) 566
290–293 (2001) 863
290–293 (2001) 877
290–293 (2001) 331
283–287 (2000) 731
- 276 (2000) 230
290–293 (2001) 980
296 (2001) 249
290–293 (2001) 579
283–287 (2000) 794
290–293 (2001) 748
275 (1999) 119
283–287 (2000) 570
- 297 (2001) 153
297 (2001) 220
296 (2001) 83
- 290–293 (2001) 1185
300 (2002) 278
295 (2001) 121
- 290–293 (2001) 1045
290–293 (2001) 639
290–293 (2001) 220
- 296 (2001) 210
283–287 (2000) 1463
290–293 (2001) 38
283–287 (2000) 380
290–293 (2001) 52
279 (2000) 139
290–293 (2001) 491
- Pechenkin, V.A., Yu.V. Konobeev, S.I. Rudnev and G.A. Epov, An analysis of void swelling dose dependence in ion irradiated V–Fe alloys
- Pêcheur, D., Oxidation of β -Nb and $Zr(Fe, V)_2$ precipitates in oxide films formed on advanced Zr-based alloys
- Pedrosa, M.A., see de la Cal, E.
- Peeters, A., see Kallenbach, A.
- Péghaire, A., see Hilscher, D.
- Pégourié, B., see Ghendrih, Ph.
- Pégourié, B., see Corre, Y.
- Pégourié, B., see Escarguel, A.
- Pégourié, B., see Loarer, T.
- Peka, I., see Vacík, J.
- Pelloni, S., see Paratte, J.M.
- Peng, Y.-K.M., see Kugel, H.W.
- Peng, Y.-K.M., see Kugel, H.W.
- Pénisson, J.M., see Thiébaut, S.
- Penkalla, H.-J., see Linke, J.
- Penzhorn, R.-D., N. Bekris, U. Berndt, J.P. Coad, H. Ziegler and W. Nägele, Tritium depth profiles in graphite and carbon fibre composite material exposed to tokamak plasmas
- Penzhorn, R.-D., N. Bekris, W. Hellriegel, H.-E. Noppel, W. Nägele, H. Ziegler, R. Rolli, H. Werle, A. Haigh and A. Peacock, Tritium profiles in tiles from the first wall of fusion machines and techniques for their detritiation
- Penzhorn, R.-D., see Coad, J.P.
- Perchermaier, J., see Rohde, V.
- Perchermeier, I., see Pautasso, G.
- Percheron Guégan, A., see Thiébaut, S.
- Peres, J.M., see Kashparov, V.A.
- Pereyra, R.A., see Lashley, J.C.
- Perlado, J.M., L. Malerba, A. Sánchez-Rubio and T. Díaz de la Rubia, Analysis of displacement cascades and threshold displacement energies in β -sic
- Perlado, J.M., see Alonso, E.
- Perlado, J.M., see Alonso, E.
- Perlado, J.M., see Caturla, M.J.
- Perlado, J.M., see Malerba, L.
- Perlado, J.M., see Malerba, L.
- Perlovich, Yu., see Kim, Y.S.
- Perovic, V., see Lin, Y.P.
- Perricone, A. and H. Noël, Characterization of the new uranium–nickel alloy $U_{10}Ni_{13}$
- Persson, K., see Ekman, M.
- Perujo, A., J. Reimann, H. Feuerstein and B. Mancinelli, The
- 278 (2000) 195
290–293 (2001) 579
290–293 (2001) 639
296 (2001) 83
290–293 (2001) 798
290–293 (2001) 250
290–293 (2001) 854
290–293 (2001) 900
289 (2001) 308
274 (1999) 120
300 (2002) 278
290–293 (2001) 1185
277 (2000) 217
290–293 (2001) 1102
- 288 (2001) 170
- 279 (2000) 139
290–293 (2001) 224
290–293 (2001) 317
290–293 (2001) 1045
- 277 (2000) 217
279 (2000) 225
274 (1999) 315
- 276 (2000) 235
276 (2000) 221
283–287 (2000) 768
276 (2000) 13
283–287 (2000) 794
289 (2001) 57
297 (2001) 292
280 (2000) 120
- 299 (2001) 260
278 (2000) 273

- oxidation kinetics of Incoloy 800 and its deuterium permeation behavior
 Perujo, A., see Benamati, G.
 Perujo, A., see Esteban, G.A.
 Perujo, A., see Sample, T.
 Perujo, A., see Sedano, L.A.
 Pestchanyi, S., see Würz, H.
 Petersen, C., see Belyaeva, L.
 Petersen, C., see Belyaeva, L.A.
 Peterson, B.J., S. Masuzaki, R. Sakamoto, K. Sato, S. Inagaki, A. Sagara, S. Ohdachi, Y. Nakamura, N. Noda, Y. Xu, J.E. Rice, N. Ashikawa, S. Yamamoto, M. Takechi, K. Toi, S. Morita, M. Goto, K. Narihara, N. Inoue, Y. Takeiri, M. Sato, M. Osakabe, K. Tanaka, T. Tokuzawa, S. Sakakibara, M. Shoji, K. Kawahata, O. Kaneko, N. Ohyabu, H. Yamada, A. Komori, K. Yamazaki, S. Sudo and O. Motojima, The effect of divertor tile material on radiation profiles in LHD
 Peterson, B.J., see Masuzaki, S.
 Peterson, B.J., see Nakamura, Y.
 Pétigny, N., P. Barberis, C. Lemaignan, Ch. Valot and M. Lallement, In situ XRD analysis of the oxide layers formed by oxidation at 743 K on Zircaloy 4 and Zr–1NbO
 Petit, T., G. Jomard, C. Lemaignan, B. Bigot and A. Pasturel, Location of krypton atoms in uranium dioxide
 Petrank, D., see Jones, R.E.
 Petrie, T.W., C.M. Greenfield, R.J. Grobener, A.W. Hyatt, R.J. La Haye, A.W. Leonard, M.A. Mahdavi, T.H. Osborne, M.J. Schaffer, D.M. Thomas, W.P. West, DIII-D Team, S.L. Allen, M.E. Fenstermacher, C.J. Lasnier, G.D. Porter, N.S. Wolf, J.G. Watkins and T.L. Rhodes, The effect of divertor magnetic balance on H-mode performance in DIII-D
 Petrie, T.W., see Allen, S.L.
 Petrie, T.W., see Fenstermacher, M.E.
 Petrie, T.W., see Lasnier, C.J.
 Petrie, T.W., see Mahdavi, M.A.
 Petrie, T.W., see Osborne, T.H.
 Petrov, V.B., see Arkhipov, I.I.
 283–287 (2000) 1292
 271&272 (1999) 391
 281 (2000) 34
 282 (2000) 89
 295 (2001) 49
 300 (2002) 1
 283–287 (2000) 1272
 273 (1999) 285
 290–293 (2001) 1138
 271&272 (1999) 151
 283–287 (2000) 461
 290–293 (2001) 930
 290–293 (2001) 12
 290–293 (2001) 1040
 280 (2000) 318
 275 (1999) 119
 283–287 (2000) 556
 290–293 (2001) 935
 290–293 (2001) 995
 290–293 (2001) 588
 290–293 (2001) 1093
 290–293 (2001) 905
 290–293 (2001) 1013
 271&272 (1999) 418
 Petrov, V.B., see Guseva, M.I.
 Petrov, V.B., see Khripunov, B.I.
 Petrov, V.B., see Litnovsky, A.M.
 Pettersson, K., see Oskarsson, M.
 Petti, D., see Chappuis, Ph.
 Petti, D.A., G.R. Smolik and R.A. Anderl, On the mechanisms associated with the chemical reactivity of Be in steam
 Petti, D.A., see Miller, G.K.
 Petti, D.A., see Sharpe, J.P.
 Petti, D.A., see Smolik, G.R.
 Petti, D.A., see Taylor, N.P.
 Pfeiffer, H., J. Sánchez-Sánchez and L.J. Álvarez, Lithium and tritium diffusion in lithium oxide (Li_2O), a molecular dynamics simulation
 Philipp, F., see Niwase, K.
 Philipponneau, Y., see Duriez, C.
 Philipps, M., see Cooper, R.
 Philipps, V., A. Huber, H.G. Esser, A. Pospieszczyk, B. Schweer, J. von Seggern, W. Biel, J. Rapp and U. Samm, Impurity release and recycling behaviour in TEXTOR-94 with siliconised walls
 Philipps, V., see Counsell, G.F.
 Philipps, V., see Federici, G.
 Philipps, V., see Huber, A.
 Philipps, V., see Kirschner, A.
 Philipps, V., see Matsuyama, M.
 Philipps, V., see Mayer, M.
 Philipps, V., see Miyasaka, K.
 Philipps, V., see Ohya, K.
 Philipps, V., see Ohya, K.
 Philipps, V., see Pospieszczyk, A.
 Philipps, V., see Rapp, J.
 Philipps, V., see Rubel, M.
 Philipps, V., see Tanabe, T.
 Philipps, V., see von Seggern, J.
 Philipps, V., see Wada, M.
 Philipps, V., see Wienhold, P.
 Phillips, A.G., see Haschke, J.M.
 Phillips, A.G., see Haschke, J.M.
 Phillips, M., see Cooper, R.
 Piazza, G., F. Scaffidi-Argentina and H. Werle, Post-irradiation examinations of Li_4SiO_4 pebbles irradiated in the EXOTIC-7 experiment
 Piazza, G., see Lulewicz, J.D.
 Picarle, S., see Balden, M.
 Pichot, E., N. Dacheux, J. Emery, J. Chaumont, V. Brandel and M. Genet, Preliminary study of
 290–293 (2001) 1069
 290–293 (2001) 201
 290–293 (2001) 1107
 289 (2001) 315
 295 (2001) 97
 295 (2001) 126
 297 (2001) 77
 298 (2001) 291
 290–293 (2001) 245
 283–287 (2000) 1390
 295 (2001) 205
 290–293 (2001) 1128
 283–287 (2000) 1458
 283–287 (2000) 28
 280 (2000) 295
 271&272 (1999) 261
 277 (2000) 143
 289 (2001) 199
 290–293 (2001) 1190
 290–293 (2001) 255
 283–287 (2000) 110
 290–293 (2001) 276
 290–293 (2001) 238
 290–293 (2001) 437
 290–293 (2001) 381
 290–293 (2001) 448
 283–287 (2000) 1182
 290–293 (2001) 303
 290–293 (2001) 947
 290–293 (2001) 1148
 283–287 (2000) 1089
 283–287 (2000) 1128
 290–293 (2001) 341
 290–293 (2001) 768
 290–293 (2001) 362
 277 (2000) 175
 279 (2000) 127
 289 (2001) 199
 283–287 (2000) 1396
 283–287 (2000) 1361
 290–293 (2001) 47

- irradiation effects on thorium phosphate-diphosphate 289 (2001) 219
- Piekoszewski, J., see Glazunov, G.P. 290–293 (2001) 266
- Pienkowski, L., see Hilscher, D. 296 (2001) 83
- Pierdominici, F., see Alvani, C. 289 (2001) 303
- Pigarov, A.Yu., see Terry, J.L. 290–293 (2001) 757
- Pijlgroms, B.J., see Fischer, U. 280 (2000) 151
- Pijlgroms, B.J., see Konings, R.J.M. 282 (2000) 159
- Pile, D.L., see Lillard, R.S. 277 (2000) 250
- Pile, D.L., see Lillard, R.S. 278 (2000) 277
- Pillai, C.G.S. and P. Raj, Thermal conductivity of ThO_2 and $\text{Th}_{0.98}\text{U}_{0.02}\text{O}_2$ 277 (2000) 116
- Pillai, C.G.S., A.K. Dua and P. Raj, Thermal conductivity of U_3O_8 from 300 to 1100 K 288 (2001) 87
- Pillai, C.G.S., see Kalekar, B.B. 279 (2000) 245
- Pillaire, H., see Simeone, D. 281 (2000) 171
- Pilloni, L., see Filacchioni, G. 271&272 (1999) 445
- Pimenov, V.N., see Ivanov, L.I. 271&272 (1999) 405
- Pint, B.A., L.D. Chitwood and J.R. Di Stefano, Long-term stability of ceramics in liquid lithium 289 (2001) 52
- Pint, B.A., see DiStefano, J.R. 283–287 (2000) 841
- Pint, B.A., see Hoelzer, D.T. 283–287 (2000) 1306
- Pintér-Csordás, A., see Nagy, G. 297 (2001) 62
- Pintér-Csordás, A., L. Matus, A. Czitrovszky, P. Jani, L. Maróti, Z. Hóacute;ezer, P. Windberg and R. Hummel, Investigation of aerosols released at high temperature from nuclear reactor core models 282 (2000) 205
- Pirlet, V., Overview of actinides (Np, Pu, Am) and Tc release from waste glasses: influence of solution composition 298 (2001) 47
- Pisarev, A., see Kizu, K. 289 (2001) 291
- Pisarev, A.A., see Evanov, A.A. 271&272 (1999) 330
- Pisarev, A.A., see Kurnaev, V.A. 290–293 (2001) 112
- Pisoni, M., see Holzwarth, U. 279 (2000) 19
- Pitcher, C.S., C.J. Boswell, T. Chung, J.A. Goetz, B. La-Bombard, B. Lipschultz, J.E. Rice, D.P. Stotler and J.L. Terry, The effect of baffling on divertor leakage in Alcator C-Mod 290–293 (2001) 812
- Pitcher, C.S., see Stotler, D.P. 290–293 (2001) 967
- Pitcher, C.S., see Terry, J.L. 290–293 (2001) 757
- Pitts, R.A., B.P. Duval, A. Loarte, J.-M. Moret, J.A. Boedo, D. Coster, I. Furno, J. Horacek, A.S. Kukushkin, D. Reiter, J. Rommers and The TCV Team, Divertor geometry effects on detachment in TCV 290–293 (2001) 940
- Plaindoux, P., see Schmidt, B. 296 (2001) 249
- Plaksin, O.A., see Demenkov, P.V. 297 (2001) 1
- Plaksin, O.A., see Kishimoto, N. 283–287 (2000) 907
- Radiation-induced electrical and optical processes in materials based on Al_2O_3 279 (2000) 344
- Platov, Yu.M., see Ivanov, L.I. 283–287 (2000) 1068
- Pleshakov, A.S., see Khripunov, B.I. 283–287 (2000) 1121
- Ploc, R.A., Residual carbon impurities in Zr-2.5Nb and their effect on deuterium pickup 283–287 (2000) 1248
- Plöchl, L., see Merola, M. 278 (2000) 328
- Plöchl, L., see Tokunaga, K. 271&272 (1999) 410
- Pocheau, C., see Reichle, R. 290–293 (2001) 701
- Pochettino, A., see Sanchez, P. 298 (2001) 329
- Poissonnet, S., see Robertson, C. 271&272 (1999) 102
- Poitevin, Y., see Fütterer, M.A. 283–287 (2000) 1375
- Pokrovsky, A.S., S.A. Fabritsiev, D.J. Edwards, S.J. Zinkle and A.F. Rowcliffe, Effect of neutron dose and irradiation temperature on the mechanical properties and structure of dispersion strengthened copper alloys 283–287 (2000) 404
- Pokrovsky, A.S., see Fabritsiev, S.A. 283–287 (2000) 523
- Poon, M., J.W. Davis and A.A. Haasz, Effect of carbon pre-implantation on deuterium retention in tungsten 283–287 (2000) 1062
- Poon, M., see Haasz, A.A. 290–293 (2001) 85
- Poperenko, V.L., see Voitsenya, V.S. 290–293 (2001) 336
- Popov, S.G., see Carbojo, J.J. 299 (2001) 181
- Porollo, S.I., A.M. Dvoriashin, A.N. Vorobjev, Yu.V. Kono-beev, V.M. Krigan, E.G. Mironova, N.I. Budylkin and F.A. Garner, Void swelling and irradiation creep of two high-nickel steels after irradiation at 400–410 °C to 84–91 dpa in the BN-350 fast reactor 283–287 (2000) 239
- Porollo, S.I., see Dvoriashin, A.M. 283–287 (2000) 157
- Porta, J. and J.-Y. Doriath, Toward very high burnups, a strategy for plutonium utilization in pressurized water reactors 283–287 (2000) 652
- Porta, J., C. Aillaud and S. Baldi, Core severe accidents with cermet fuels – a specific study for pressurized water reactors 274 (1999) 153
- Porter, D.L., see Allen, T.R. 274 (1999) 174
- Porter, G., see Whyte, D.G. 282 (2000) 171
- Porter, G.D., see Allen, S.L. 290–293 (2001) 356
- Porter, G.D., see Fenstermacher, M.E. 290–293 (2001) 995
- Porter, G.D., see Mahdavi, M.A. 290–293 (2001) 588
- Porter, G.D., see Petrie, T.W. 290–293 (2001) 905
- Porter, G.D., see Rensink, M.E. 290–293 (2001) 935
- Porter, G.D., see Stangeby, P.C. 290–293 (2001) 706
- Porter, G.D., see Stangeby, P.C. 290–293 (2001) 733

- Porter, G.D., see West, W.P.
 Porter, G.D., T.D. Rognlien, M.E.
 Rensink, N.S. Wolf and W.P. West, Particle flows in pumped DIII-D discharges
 Pospieszczyk, A., see Corre, Y.
 Pospieszczyk, A., see Huber, A.
 Pospieszczyk, A., see Kirschner, A.
 Pospieszczyk, A., see Ohya, K.
 Pospieszczyk, A., see Ohya, K.
 Pospieszczyk, A., see Philipps, V.
 Pospieszczyk, A., see Rapp, J.
 Pospieszczyk, A., see Sergienko, G.
 Pospieszczyk, A., see Tanabe, T.
 Pospieszczyk, A., see Wada, M.
 Pospieszczyk, A., see Zhmendak, A.V.
 Pospieszczyk, A., T. Tanabe, V. Philipps, G. Sergienko, T. Ohgo, K. Kondo, M. Wada, M. Rubel, W. Biel, A. Huber, A. Kirschner, J. Rapp and N. Noda, Operation of TEXTOR-94 with tungsten poloidal main limiters
 Potapova, V.A., see Belyaeva, L.A.
 Pott, G., see Rödig, M.
 Pouchon, M., see Degueldre, C.
 Pouchon, M., see Lee, Y.-W.
 Pouchon, M.A., M. Döbeli, C. Degueldre and M. Burghartz, Behavior of cesium implanted in zirconia based inert matrix fuel
 Povstiantko, A.V., see Shamarin, V.K.
 Prabhakara Reddy, B., R. Kandan, R. Babu, K. Nagarajan and P.R. Vasudeva Rao, Thermodynamic studies on ThGa₂
 Pralong, C., see Paratte, J.M.
 Prasad, R., S. Dash, S.C. Parida, Z. Singh and V. Venugopal, Gibbs energy of formation of UPd₃(s)
 Prasad, R., see Dash, S.
 Prasad, R., see Ghosh, A.
 Preininger, D., see Lindau, R.
 Prenger, F.C., see Spearing, D.R.
 Preuss, R., see Dose, V.
 Priego, V., see Osetsky, Yu.N.
 Prince, A.A.M., S. Velmurugan, S.V. Narasimhan, C. Ramesh, N. Murugesan, P.S. Raghavan and R. Gopalan, Dissolution behaviour of magnetite film formed over carbon steel in dilute organic acid media
 Prinja, A., see Gong, W.L.
 Prioul, C., see Wagner, D.
 Prokhorov, V.I., see Rodchenkov, B.S.
 Proscheck, M., see Menhart, S.
 Protsak, V.P., see Kashparov, V.A.
- 290–293 (2001) 783
 290–293 (2001) 692
 290–293 (2001) 250
 290–293 (2001) 276
 290–293 (2001) 238
 283–287 (2000) 1182
 290–293 (2001) 303
 290–293 (2001) 1190
 290–293 (2001) 1148
 290–293 (2001) 720
 283–287 (2000) 1128
 290–293 (2001) 768
 290–293 (2001) 220
 290–293 (2001) 947
 283–287 (2000) 461
 283–287 (2000) 1161
 289 (2001) 115
 274 (1999) 7
 274 (1999) 61
 271&272 (1999) 155
 294 (2001) 112
 274 (1999) 120
 277 (2000) 45
 279 (2000) 84
 299 (2001) 274
 271&272 (1999) 450
 299 (2001) 111
 288 (2001) 153
 276 (2000) 202
 289 (2001) 281
 295 (2001) 295
 300 (2002) 178
 283–287 (2000) 1166
 290–293 (2001) 673
 279 (2000) 225
 Provenzano, V., see Stamm, H.
 Puech, E., see Serrano, K.
 Pugno, R., A. Kallenbach, D. Bolshukhin, R. Dux, J. Gafert, R. Neu, V. Rohde, K. Schmidt-mann, W. Ullrich, U. Wenzel and ASDEX Upgrade Team, Spectroscopic investigation on the impurity influxes of carbon and silicon in the ASDEX upgrade experiment
 Pugno, R., see Carlson, A.
 Pugno, R., see Herrmann, A.
 Pugno, R., see Neu, R.
 Pugno, R., see Wenzel, U.
 Puiatti, M.E., L. Tramontin, V. Antoni, R. Bartiromo, L. Carrao, D. Desideri, E. Martines, F. Sattin, P. Scarin, G. Serianni, M. Spolaore, M. Valisa and B. Zaniol, Plasma rotation and structure of the radial electric field in RFX
 Puiatti, M.E., see Valisa, M.
 Puigh, R.J., see Garner, F.A.
 Puigh, R.J., see McGrail, B.P.
 Puigh, R.J., see Uehira, A.
 Pulim, V., see Yuan, X.
 Pulim, V., see Yuan, X.
 Puls, M.P., see Sagat, S.
 Puls, M.P., see Shi, S.-Q.
 Purohit, R.D., A.K. Tyagi, M.D. Mathews and S. Saha, Combustion synthesis and bulk thermal expansion studies of Ba and Sr thorates
 Purohit, R.D., S. Saha and A.K. Tyagi, Nanocrystalline thoria powders via glycine-nitrate combustion
 Purushotham, D.S.C., see Kutty, T.R.G.
 Purushotham, D.S.C., see Kutty, T.R.G.
 Puzzolante, J.-L., M. Scibetta, R. Chaouadi and W. Vandermeulen, Tensile and low-cycle fatigue properties of solution annealed type 316L stainless steel plate and TIG-weld exposed to 5 dpa at low-temperature (42 °C)
 Puzzolante, J.L., see Scibetta, M.
 Qian, G., D.D. Sun and J.H. Tay, New aluminium-rich alkali slag matrix with clay minerals for immobilizing simulated radioactive Sr and Cs waste
 Qiao, L.J., see Chu, W.Y.
 Qin, Z., C.-S. Zhang, K. Griffiths and P.R. Norton, A novel
- 283–287 (2000) 597
 282 (2000) 137
 290–293 (2001) 308
 290–293 (2001) 575
 290–293 (2001) 619
 290–293 (2001) 206
 290–293 (2001) 352
 290–293 (2001) 696
 290–293 (2001) 980
 283–287 (2000) 380
 298 (2001) 95
 283–287 (2000) 396
 289 (2001) 71
 295 (2001) 132
 279 (2000) 107
 275 (1999) 312
 280 (2000) 51
 288 (2001) 7
 282 (2000) 54
 297 (2001) 120
 283–287 (2000) 428
 283–287 (2000) 455
 299 (2001) 199
 280 (2000) 250

- technique to remove deuterium from CANDU pressure tubes
- Qiu, N., see Gao, X.
- Quémeneur, A., see Devynck, P.
- Qualls, A.L., see Muroga, T.
- Qualls, A.L., see Snead, L.L.
- Quan, J.M., see Wang, Z.G.
- Quiñones, J., J. Serrano and P. Diaz Arocas, The effect of coprecipitation in some key spent fuel elements
- Quintard, P., see Barbéris, P.
- Qun, W., see Sagardzé, V.V.
- Rabe, J., see Jones, R.E.
- Raffray, A.R., see Badawi, A.
- Raffray, R., see Cardella, A.
- Raghavan, P.S., see Prince, A.A.M.
- Raghunathan, V.S., see Vijayalakshmi, M.
- Raj, B., see Dash, S.
- Raj, B., see Dash, S.
- Raj, P., see Pillai, C.G.S.
- Raj, P., see Pillai, C.G.S.
- Rajagopalan, K.V., see Kalekar, B.B.
- Raju, V.R., see Kamachi Mudali, U.
- Ralchenko, Yu.V., see Janev, R.K.
- Ramachandran, H., see Sharma, D.
- Ramachandran, R., see Tyagi, A.K.
- Raman, R., see Kugel, H.W.
- Raman, R., see Kugel, H.W.
- Ramebäck, H., Y. Albinsson, M. Skålberg, U.B. Eklund, L. Kjellberg and L. Werme, Transport and leaching of technetium and uranium from spent UO₂ fuel in compacted bentonite clay
- Ramesh, C., see Prince, A.A.M.
- Ramsey, A.T., see Allen, S.L.
- Ramsier, R.D., see Kang, Y.C.
- Rao, G.R., see Lee, E.H.
- Rapp, J., see Philippss, V.
- Rapp, J., see Pospieszczyk, A.
- Rapp, J., see Sergienko, G.
- Rapp, J., see Wada, M.
- Rapp, J., W. Biel, H. Gerhauser, A. Huber, H.R. Koslowski, M. Lehnens, V. Philipps, A. Pospieszczyk, D. Reiser, U. Samm, G. Sergienko, M.Z. Tokar and R. Zagórska, Operational limits under different wall conditions on TEXTOR-94
- Raspopova, G.A., see Arbuzov, V.L.
- Raspopova, G.A., see Arbuzov, V.L.
- Rate, G., see Haddad, E.
- Rauh, H. and H. Ullmaier, Hydrogen concentrations near cracks in target materials for high-
- 299 (2001) 77
279 (2000) 330
290–293 (2001) 584
299 (2001) 148
283–287 (2000) 545
271&272 (1999) 306
- 298 (2001) 63
288 (2001) 241
295 (2001) 265
- 283–287 (2000) 556
273 (1999) 79
283–287 (2000) 1105
289 (2001) 281
- 279 (2000) 293
278 (2000) 173
295 (2001) 281
277 (2000) 116
288 (2001) 87
279 (2000) 245
277 (2000) 49
- 290–293 (2001) 104
290–293 (2001) 725
294 (2001) 198
290–293 (2001) 1185
300 (2002) 278
- 277 (2000) 288
289 (2001) 281
290–293 (2001) 995
281 (2000) 57
- 271&272 (1999) 385
290–293 (2001) 1190
290–293 (2001) 947
290–293 (2001) 720
290–293 (2001) 768
- 290–293 (2001) 1148
- 271&272 (1999) 340
- 283–287 (2000) 849
278 (2000) 111
- power spallation neutron sources
- Raulot, J.M., see Becquart, C.S.
- Ravindran, P.V., see Kalekar, B.B.
- Reader, K., see Johnson, P.B.
- Reed, C.B., K. Natesan, Z. Xu and D.L. Smith, The effect of laser welding process parameters on the mechanical and microstructural properties of V–4Cr–4Ti structural materials
- Reed, D.T., see Richmann, M.K.
- Regan, T.M., D.C. Harris, D.W. Blodgett, K.C. Baldwin, J.A. Miragliotta, M.E. Thomas, Milton.J. Linevsky, John.W. Giles, T.A. Kennedy, M. Fatemi, D.R. Black and K.P.D. Lagerlöf, Neutron irradiation of sapphire for compressive strengthening. II. Physical properties changes
- Regan, T.M., D.C. Harris, R.M. Stroud and J.R. White, Neutron irradiation of sapphire for compressive strengthening. I. Processing conditions and compressive strength
- Rehn, L.E., see Daulton, T.L.
- Rehn, L.E., see Giacobbe, M.J.
- Rehn, L.E., see Iwase, A.
- Reichle, R., see Costanzo, L.
- Reichle, R., see Ghendrih, Ph.
- Reichle, R., see Laugier, F.
- Reichle, R., see Mank, G.
- Reichle, R., see Vallet, J.C.
- Reichle, R., V. Basiuk, V. Bergeaud, A. Cambe, M. Chantant, E. Delchambre, M. Druetta, E. Gauthier, W. Hess and C. Pocheau, Thermography of target plates with near-infrared optical fibres at Tore Supra
- Reimann, J., see Lulewicz, J.D.
- Reimann, J., see Perujo, A.
- Reiner, H.-D., see Koch, B.
- Reinke, P., see Töwe, M.
- Reiser, D., R. Schneider, D. Coster, W. Ullrich and H.S. Bosch, Helium compression analysis for ASDEX upgrade with fluid and kinetic codes
- Reiser, D., see Eich, Th.
- Reiser, D., see Rapp, J.
- Reiser, D., see von Seggern, J.
- Reiter, D., see Baelmans, M.
- Reiter, D., see Fantz, U.
- Reiter, D., see Kukushkin, A.S.
- Reiter, D., see Pitts, R.A.
- Reiter, D., see Stangeby, P.C.
- Rensink, M.E., H. Kugel, R. Maingi, F. Paoletti, G.D. Porter,
- 295 (2001) 109
294 (2001) 274
279 (2000) 245
273 (1999) 117
- 283–287 (2000) 1206
297 (2001) 303
- 300 (2002) 47
- 300 (2002) 39
276 (2000) 258
281 (2000) 213
- 271&272 (1999) 321
290–293 (2001) 840
290–293 (2001) 798
290–293 (2001) 892
290–293 (2001) 910
290–293 (2001) 1023
- 290–293 (2001) 701
283–287 (2000) 1361
283–287 (2000) 1292
290–293 (2001) 653
290–293 (2001) 153
- 290–293 (2001) 953
290–293 (2001) 849
290–293 (2001) 1148
290–293 (2001) 341
290–293 (2001) 537
290–293 (2001) 367
290–293 (2001) 887
290–293 (2001) 940
290–293 (2001) 733

- | | |
|--|---------------------|
| T.D. Rognlien, S. Sabbagh and X. Xu, Simulation of power and particle flows in the NSTX edge plasma | 283–287 (2000) 353 |
| Rensink, M.E., see Porter, G.D. | 273 (1999) 146 |
| Rensink, M.E., see Rognlien, T.D. | 271&272 (1999) 450 |
| Rensman, J., E.V. van Osch, M.G. Horsten and D.S. d'Hulst, Post-irradiation mechanical tests on F82H EB and TIG welds | 283–287 (2000) 498 |
| Repritsev, Yu., see Dolinski, Yu. | 271&272 (1999) 391 |
| Rest, J. and G.L. Hofman, An alternative explanation for evidence that xenon depletion, pore formation, and grain subdivision begin at different local burnups | 283–287 (2000) 1351 |
| Rettig, C., see Osborne, T.H. | 281 (2000) 84 |
| Reutov, V.F., see Kozlov, A.V. | 271&272 (1999) 345 |
| RFX Team, see Valisa, M. | 277 (2000) 325 |
| Rhee, M., see Zbib, H.M. | |
| Rho, B.S. and S.W. Nam, Effects of nitrogen on low-cycle fatigue properties of type 304L austenitic stainless steels tested with and without tensile strain hold | 271&272 (1999) 102 |
| Rhodes, T.L., see Petrie, T.W. | |
| Ribet, I., see Gin, S. | 283–287 (2000) 1438 |
| Ribet, I., see Vernaz, E. | 273 (1999) 95 |
| Ricapito, I., see Beghini, M. | 280 (2000) 186 |
| Ricapito, I., see Malara, C. | 283–287 (2000) 528 |
| Riccardi, B., see Chappuis, Ph. | 283–287 (2000) 478 |
| Riccardi, B., see Colombo, P. | 283–287 (2000) 334 |
| Riccardi, B., see Coppola, R. | 283–287 (2000) 358 |
| Riccardi, B., see Hasegawa, A. | 283–287 (2000) 435 |
| Riccardi, B., see La Barbera, A. | 283–287 (2000) 799 |
| Riccardo, V., see Fundamenski, W. | |
| Riccardo, V., see Matthews, G.F. | |
| Rice, J.A., see Humer, K. | 283–287 (2000) 1473 |
| Rice, J.E., see Lipschultz, B. | 290–293 (2001) 840 |
| Rice, J.E., see Peterson, B.J. | |
| Rice, J.E., see Pitcher, C.S. | |
| Richardson Jr., J.W., see Keiser Jr., D.D. | 283–287 (2000) 1166 |
| Richardson Jr., J.W., see Keiser Jr., D.D. | |
| Richmann, M.K., D.T. Reed, A.J. Kropf, S.B. Aase and M.A. Lewis, EXAFS/XANES studies of plutonium-loaded sodalite/glass waste forms | 283–287 (2000) 1161 |
| Richter, D., R.A. Forrest, H. Freiesleben, Va.D. Kovalchuk, Vi.D. Kovalchuk, D.V. Markovskij, K. Seidel, V.I. Tereshkin and S. Unholzer, Measurement and analysis of radioactivity induced in steels and a vanadium alloy by 14-MeV neutrons | 283–287 (2000) 138 |
| Ricotti, M.E., see Lombardi, C. | 283–287 (2000) 1152 |
| Riemann, J., see Borchardt, M. | 290–293 (2001) 1102 |
| Rieth, M., see Alamo, A. | 277 (2000) 82 |
| Rieth, M., see Klueh, R.L. | |
| Rieth, M., see Lindau, R. | |
| Rieth, M., see Röhrlig, H.D. | |
| Rigal, E., see Benamati, G. | |
| Rigal, E., see Conrad, R. | |
| Risovany, V.D., E.E. Varlashova and D.N. Suslov, Dysprosium titanate as an absorber material for control rods | |
| Rivkis, L., see Tebus, V. | |
| Ro, S.-G., see You, G.-S. | |
| Robertson, C., L. Boulanger and S. Poissonnet, Influence of post-irradiation thermal annealing on the mechanical properties of ion irradiated layers in 316L stainless steel | |
| Robertson, J.P., see Greenwood, L.R. | |
| Robertson, J.P., see Hashimoto, N. | |
| Robertson, J.P., see Hashimoto, N. | |
| Robertson, J.P., see Hashimoto, N. | |
| Robertson, J.P., see Klueh, R.L. | |
| Robertson, J.P., see Miwa, Y. | |
| Robertson, J.P., see Shiba, K. | |
| Robertson, J.P., see Wakai, E. | |
| Robertson, J.P., see Wakai, E. | |
| Rocco, P. and M. Zucchetti, Waste management for different fusion reactor designs | |
| Roche, H., see Costanzo, L. | |
| Rodchenkov, B.S., V.I. Prokhorov, O.Yu. Makarov, V.K. Shamardin, G.M. Kalinin, Yu.S. Strebkov and O.A. Golosov, Effect of ITER components manufacturing cycle on the irradiation behaviour of 316L(N)-IG steel | |
| Rödиг, M., R. Conrad, H. Derz, R. Duwe, J. Linke, A. Lodato, M. Merola, G. Pott, G. Vieider and B. Wiechers, Neutron-irradiation effects on high heat flux components – examination of plasma-facing materials and their joints | |
| Rödиг, M., see Barabash, V. | |
| Rödиг, M., see Linke, J. | |
| Rödиг, M., see Linke, J. | |
| Rogl, P., see Lebihan, T. | |
| Rogl, P., T. Le Bihan and H. Noël, Phase equilibria and magnetism in the Mo-Si-U system | |
| Rognlien, T.D. and M.E. Rensink, Interactions between liquid-wall vapor and edge plasmas | |
| Rognlien, T.D., see Brooks, J.N. | |
| Rognlien, T.D., see Porter, G.D. | |
| Rognlien, T.D., see Rensink, M.E. | |
| 283–287 (2000) 1434 | 288 (2001) 66 |
| 274 (1999) 181 | |
| 290–293 (2001) 546 | |

- Rognlien, T.D., see West, W.P.
- Rohde, V., H. Maier, K. Krieger, R.
Neu, J. Perchermaier and ASDEX Upgrade Team, Carbon layers in the divertor of ASDEX Upgrade
Rohde, V., see Neu, R.
- Rohde, V., see Pugno, R.
- Rohrer, L., see Stan-Sion, C.
- Röhrig, D.H., see DiStefano, J.R.
- Röhrig, H.D., M. Rieth, B. Dafferner and E. Materna-Morris, V-alloy embrittlement by irradiation in a cooling gas environment
- Röhrig, H.D., see DiStefano, J.R.
- Röhrig, H.D., see Glasbrenner, H.
- Röhrig, H.D., see Lindau, R.
- Rolli, R., see Penzhorn, R.-D.
- Röllin, S., K. Spahiu and U.-B. Eklund, Determination of dissolution rates of spent fuel in carbonate solutions under different redox conditions with a flow-through experiment
- Romanoski, G.R., L.L. Snead, R.L. Klueh and D.T. Hoelzer, Development of an oxide dispersion strengthened, reduced-activation steel for fusion energy
- Romanov, P.V., see Khrripunov, B.I.
- Romanov, V.A., see Chernov, V.M.
- Rommers, J., see Pitts, R.A.
- Ronchi, C., F. Capone, J.Y. Colle and J.P. Hiernaut, Volatile molecule PuO_3 observed from subliming plutonium dioxide
- Ronchi, C., see Hiernaut, J.P.
- Rondinella, V.V., see Matzke, Hj.
- Roque, V., B. Cros, D. Baron and P. Dehaudt, Effects of the porosity in uranium dioxide on microacoustic and elastic properties
- Roque, V., D. Baron, J. Bourgois and J.M. Saurel, Study by acoustic microscopy of irradiated and non-irradiated uranium dioxide
- Roquemore, A., see Kugel, H.W.
- Roquemore, A., see Kugel, H.W.
- Rosenkranz, P., see Humer, K.
- Roth, J., see Alimov, V.Kh.
- Roth, J., see Alimov, V.Kh.
- Roth, J., see Balden, M.
- Roth, J., see Dose, V.
- Roth, J., see Federici, G.
- Roth, J., see Krieger, K.
- 290–293 (2001) 783
290–293 (2001) 317
290–293 (2001) 206
290–293 (2001) 308
290–293 (2001) 491
273 (1999) 102
283–287 (2000) 498
283–287 (2000) 841
283–287 (2000) 1332
271&272 (1999) 450
279 (2000) 139
297 (2001) 231
283–287 (2000) 642
290–293 (2001) 201
271&272 (1999) 274
290–293 (2001) 940
280 (2000) 111
294 (2001) 39
274 (1999) 47
277 (2000) 211
275 (1999) 305
290–293 (2001) 1185
300 (2002) 278
283–287 (2000) 973
282 (2000) 125
290–293 (2001) 389
279 (2000) 351
280 (2000) 39
290–293 (2001) 47
290–293 (2001) 52
288 (2001) 153
283–287 (2000) 110
290–293 (2001) 107
- Roth, J., see Schmid, K.
- Roth, J., see Stan-Sion, C.
- Roth, J., see Tabasso, A.
- Roth, J., see Wang, W.
- Roth, J., see Zuhr, R.A.
- Roux, N., see Lulewicz, J.D.
- Roux, N., see van der Laan, J.G.
- Rowcliffe, A.F., see Alexander, D.J.
- Rowcliffe, A.F., see Belyakov, V.A.
- Rowcliffe, A.F., see Fabritsiev, S.A.
- Rowcliffe, A.F., see Hashimoto, N.
- Rowcliffe, A.F., see Hoelzer, D.T.
- Rowcliffe, A.F., see Miwa, Y.
- Rowcliffe, A.F., see Pokrovsky, A.S.
- Rowcliffe, A.F., S.J. Zinkle and D.T. Hoelzer, Effect of strain rate on the tensile properties of unirradiated and irradiated V–4Cr–4Ti
- Rozhanski, N.V., see Markin, A.V.
- Rozhansky, V., S. Voskoboinikov, E. Kovaltsova, D. Coster and R. Schneider, Modeling of tokamak edge plasma for discharges with neutral beam injection
- Rozhansky, V., see Bonnin, X.
- Ruan, H.L., see Gao, X.
- Ruault, M.-O., see Soulet, S.
- Ruault, M.-O., see Soulet, S.
- Rubel, M., P. Wienhold and D. Hildebrandt, Fuel accumulation in co-deposited layers on plasma facing components
- Rubel, M., see Huber, A.
- Rubel, M., see Ihde, J.
- Rubel, M., see Mayer, M.
- Rubel, M., see Ohya, K.
- Rubel, M., see Ohya, K.
- Rubel, M., see Pospieszczyk, A.
- Rubel, M., see Tanabe, T.
- Rubel, M., see von Seggern, J.
- Rubel, M., see Wienhold, P.
- Rubel, M., T. Tanabe, V. Philipps, B. Emmoth, A. Kirschner, J. von Seggern and P. Wienhold, Graphite-tungsten twin limiters in studies of material mixing processes on high heat flux components
- Rubiolo, G.H., see Zelada-Lambri, G.I.
- Rudakov, D.L., see Watkins, J.G.
- Rudnev, S.I., see Pechenkin, V.A.
- Rullier-Albenque, F., see Sattonnay, G.
- Rupyshev, A.S., see Khrripunov, B.I.
- Rusanov, A., see Barbier, F.
- Rusanov, A., see Barbier, F.
- Rusanov, A., see Glasbrenner, H.
- Russell, K.F., see Miller, M.K.
- Ruvutuso, G., see Fütterer, M.A.
- 290–293 (2001) 148
290–293 (2001) 491
290–293 (2001) 326
299 (2001) 124
290–293 (2001) 162
283–287 (2000) 1361
283–287 (2000) 99
271&272 (1999) 429
283–287 (2000) 962
283–287 (2000) 523
283–287 (2000) 528
283–287 (2000) 616
283–287 (2000) 334
283–287 (2000) 404
283–287 (2000) 508
283–287 (2000) 1094
290–293 (2001) 710
290–293 (2001) 829
279 (2000) 330
289 (2001) 194
299 (2001) 227
290–293 (2001) 473
290–293 (2001) 276
290–293 (2001) 1180
290–293 (2001) 381
283–287 (2000) 1182
290–293 (2001) 303
290–293 (2001) 947
283–287 (2000) 1128
290–293 (2001) 341
290–293 (2001) 362
290–293 (2001) 473
290–293 (2001) 276
290–293 (2001) 1180
290–293 (2001) 381
283–287 (2000) 1182
290–293 (2001) 303
290–293 (2001) 947
283–287 (2000) 1128
290–293 (2001) 341
290–293 (2001) 362
283–287 (2000) 1089
273 (1999) 248
290–293 (2001) 778
271&272 (1999) 266
275 (1999) 63
290–293 (2001) 201
295 (2001) 149
296 (2001) 231
296 (2001) 237
282 (2000) 83
283–287 (2000) 1375

- Ruzic, D.N., see Allain, J.P.
 Ruzic, D.N., see Allain, J.P.
 Ruzic, D.N., see Brooks, J.N.
 Ryazanov, A., H. Matsui and A.V.
 Kazaryan, Physical mechanisms
 of helium release during de-
 formation of vanadium alloys
 doped with helium atoms
 Ryazanov, A.I., see Borodin, V.A.
 Ryazanov, A.I., see Volkov, A.E.
 Rybakov, S.Yu., see Komarov,
 D.A.
 Rybin, V., see Belyaeva, L.
 Rybin, V.V., see Belyaeva, L.A.
 Rybin, V.V., see Gorynin, I.V.
 Rybin, V.V., see Kozhevnikov, O.A.
 Ryutov, D.D., see Fielding, S.J.
 Ryutov, D.D., see Hooper, E.B.
 Ryzhkov, I.V., see Voitsevnya, V.S.
- Sabbagh, S., see Kugel, H.W.
 Sabbagh, S., see Kugel, H.W.
 Sabbagh, S., see Rensink, M.E.
 Sabioni, A.C.S., W.B. Ferraz and F.
 Millot, Effect of grain-bound-
 aries on uranium and oxygen
 diffusion in polycrystalline UO₂
 Sadovnikov, Yu., see Gorshkov, A.
 Sadowski, M., see Glazunov, G.P.
 Saeki, J., see Sekimura, N.
 Safronov, V., N. Arkhipov, V.
 Bakhtin, S. Kurkin, F. Scaffidi-
 Argentina, D. Toporkov, S.
 Vasenin, H. Würz and A. Zhi-
 tlukhin, Material erosion and
 erosion products under plasma
 heat loads typical for ITER hard
 disruptions
 Safronov, V., see Scaffidi-Argentina,
 F.
 Sagara, A., see Hino, T.
 Sagara, A., see Masuzaki, S.
 Sagara, A., see Nishimura, H.
 Sagara, A., see Peterson, B.J.
 Sagara, A., see Voitsevnya, V.S.
 Sagaradze, V.V., S.S. Lapin and
 M.A. Kirk, No-equilibrium in-
 tragrains concentration redistribu-
 tion of the alloying elements
 in austenitic steels under irra-
 diation
 Sagaradze, V.V., S.S. Lapin, M.A.
 Kirk and B.N. Goshchitskii, In-
 fluence of high-dose Kr⁺ irra-
 diation on structural evolution and
 swelling of 16Cr–15Ni–
 3Mo–1Ti aging steel
 Sagaradze, V.V., V.I. Shalaev, V.L.
 Arbuzov, B.N. Goshchitskii, Y.
 Tian, W. Qun and S. Jiguang,
 Radiation resistance and ther-
- 290–293 (2001) 33
 290–293 (2001) 180
 290–293 (2001) 185
 271&272 (1999) 356
 271&272 (1999) 270
 273 (1999) 155
 290–293 (2001) 433
 271&272 (1999) 151
 283–287 (2000) 461
 283–287 (2000) 465
 271&272 (1999) 472
 290–293 (2001) 859
 278 (2000) 104
 290–293 (2001) 336
 290–293 (2001) 1185
 300 (2002) 278
 290–293 (2001) 706
 278 (2000) 364
 273 (1999) 271
 290–293 (2001) 266
 271&272 (1999) 68
 290–293 (2001) 1052
 283–287 (2000) 1111
 290–293 (2001) 1176
 290–293 (2001) 12
 283–287 (2000) 1326
 290–293 (2001) 930
 290–293 (2001) 336
 280 (2000) 345
 274 (1999) 287
- mal creep of ODS ferritic
 steels
 Sagat, S., C.K. Chow, M.P. Puls
 and C.E. Coleman, Delayed hy-
 dride cracking in zirconium al-
 loys in a temperature gradient
 Sagisaka, M., see Fukuda, T.
 Saha, S., see Purohit, R.D.
 Saha, S., see Purohit, R.D.
 Saibene, G., see Lang, P.T.
 Sainsot, Ph., see Brossard, F.
 Sainsot, Ph., see Gaillard, C.
 Saint-Laurent, F., see Bucalossi, J.
 Saint-Laurent, F., see Ghendrih, Ph.
 Saito, J., see Ishii, T.
 Saito, M., see Inagaki, Y.
 Saito, S., K. Fukaya, S. Ishiyama,
 M. Eto, I. Sato, M. Kusuhashi,
 T. Hatakeyama, H. Takahashi
 and M. Kikuchi, Characteriza-
 tion of non-magnetic Mn–Cr
 steel as a low induced activation
 material for vacuum vessels
 Saito, T., see Nakashima, Y.
 Sakaguchi, N., see Watanabe, S.
 Sakaguchi, N., see Watanabe, S.
 Sakai, T., see Oya, Y.
 Sakairi, H., E. Yagi and A. Koya-
 ma, Annealing of Cu₃Au irra-
 diated with protons, α -particles
 and C ions at liquid nitrogen
 temperature
 Sakakibara, S., see Peterson, B.J.
 Sakakita, H., see Sekine, S.
 Sakakita, H., see Yagi, Y.
 Sakamoto, R., see Masuzaki, S.
 Sakamoto, R., see Peterson, B.J.
 Sakamoto, Y., see Asakura, N.
 Sakamura, Y., see Shirai, O.
 Sakasai, A., H. Takenaga, H. Kubo,
 N. Akino, S. Higashijima, S.
 Sakurai, H. Tamai, K. Itami and
 N. Asakura, Helium exhaust in
 divertor-closure configuration
 with W-shaped divertor of JT-
 60U
 Sakasai, A., see Higashijima, S.
 Sakasai, A., see Sakurai, S.
 Sakasegawa, H., see Hirose, T.
 Sakasegawa, H., see Tanigawa, H.
 Sakata, M., see Muroga, T.
 Sakurai, H., see Amaya, M.
 Sakurai, S., H. Kubo, A. Takenaga,
 N. Asakura, H. Tamai, T. Ishi-
 jima, S. Konoshima, K. Itami,
 A. Sakasai, S. Higashijima, T.
 Sugie and JT-60 Team, Impurity
 behavior in high performance
 radiative discharges of JT-60U
 Sakurai, S., see Asakura, N.
 Sakurai, S., see Hatayama, A.
- 295 (2001) 265
 279 (2000) 107
 283–287 (2000) 263
 280 (2000) 51
 288 (2001) 7
 290–293 (2001) 374
 279 (2000) 153
 299 (2001) 43
 290–293 (2001) 566
 290–293 (2001) 798
 283–287 (2000) 1023
 298 (2001) 168
 283–287 (2000) 593
 290–293 (2001) 683
 271&272 (1999) 184
 283–287 (2000) 152
 290–293 (2001) 469
 271&272 (1999) 194
 290–293 (2001) 930
 271&272 (1999) 415
 290–293 (2001) 1144
 290–293 (2001) 12
 290–293 (2001) 930
 290–293 (2001) 825
 277 (2000) 226
 290–293 (2001) 957
 290–293 (2001) 623
 290–293 (2001) 1002
 283–287 (2000) 1018
 297 (2001) 279
 283–287 (2000) 711
 300 (2002) 57
 290–293 (2001) 1002
 290–293 (2001) 825
 290–293 (2001) 407

- Sakurai, S., see Higashijima, S.
- Sakurai, S., see Muroga, T.
- Sakurai, S., see Sakasai, A.
- Salavy, J.-F., see Ogorodnikova, O.V.
- Sali, S.K., S. Sampath and V. Venugopal, Thermal studies on alkaline earth uranates
- Sallander, J., see König, R.W.T.
- Sallander, J., see McCormick, K.
- Salonen, E., K. Nordlund, J. Keinonen and C.H. Wu, Carbon erosion mechanisms in tokamak divertor materials: insight from molecular dynamics simulations
- Salvatores, M., see Bauer, G.S.
- Salvo, M., see Katoh, Y.
- Samartsev, A., see Ohayabu, N.
- Samm, U., see Philippss, V.
- Samm, U., see Rapp, J.
- Sampath, S., see Kulkarni, N.K.
- Sampath, S., see Sali, S.K.
- Sample, T. and H. Kolbe, Liquid metal embrittlement (LME) susceptibility of the 8–9% Cr martensitic steels F82H-mod., OPTIFER IVb and their simulated welded structures in liquid Pb–17Li
- Sample, T., A. Perujo, H. Kolbe and B. Mancinelli, The hydrogen permeation behaviour of aluminised coated martensitic steels under gaseous hydrogen, liquid Pb–17Li/hydrogen and cyclic tensile load
- Sanchez, P., A. Pochettino, T. Chauveau and B. Bacroix, Torsion texture development of zirconium alloys
- Sánchez-Rubio, A., see Perlado, J.M.
- Sánchez-Rubio, A., see Malerba, L.
- Sánchez-Sánchez, J., see Pfeiffer, H.
- Sand, C., see Scaffidi-Argentina, F.
- Sannazzaro, G., see Ioki, K.
- Sannikov, V., see Gorshkov, A.
- Sano, F., see Mizuuchi, T.
- Santoro, R.T., see Kalinin, G.
- Sarce, A., Cracks as sink of irradiation created point defects
- Sarce, A., The effect of the point defects on the behavior of a crack inside of a pressure tube
- Sardain, P., see Füllerer, M.A.
- Sardei, S., see König, R.W.T.
- Saroja, S., see Parvathavarthini, N.
- Saroja, S., see Vijayalakshmi, M.
- Sasa, T., see Kikuchi, K.
- Sasaki, M., see Amaya, M.
- Sasanuma, H., see Fukumoto, K.-i.
- 290–293 (2001) 623
283–287 (2000) 711
290–293 (2001) 957
273 (1999) 66
277 (2000) 106
290–293 (2001) 882
290–293 (2001) 920
290–293 (2001) 144
296 (2001) 17
283–287 (2000) 1262
283–287 (2000) 1297
290–293 (2001) 1190
290–293 (2001) 1148
281 (2000) 248
277 (2000) 106
283–287 (2000) 1336
283–287 (2000) 1272
298 (2001) 329
276 (2000) 235
283–287 (2000) 794
280 (2000) 295
290–293 (2001) 211
283–287 (2000) 957
273 (1999) 271
290–293 (2001) 678
283–287 (2000) 10
288 (2001) 130
299 (2001) 20
283–287 (2000) 1375
290–293 (2001) 882
288 (2001) 187
279 (2000) 293
296 (2001) 34
300 (2002) 57
283–287 (2000) 535
- Sasikala, G., M.D. Mathew, K. Bhanu Sankara Rao and S.L. Mannan, Creep deformation and fracture behaviour of a nitrogen-bearing type 316 stainless steel weld metal
- Sätmäki, B., see Bottomley, P.D.W.
- Sato, D., see Nakashima, Y.
- Sato, I., H. Furuya, T. Arima, K. Idemitsu and K. Yamamoto, Behavior of metallic fission products in uranium–plutonium mixed oxide fuel
- Sato, I., see Inoue, M.
- Sato, I., see Saito, S.
- Sato, K., E. Ishitsuka, M. Uda, H. Kawamura, S. Suzuki, M. Taniguchi, K. Ezato and M. Akiba, Erosion characteristics of neutron-irradiated carbon-based materials under simulated disruption heat loads
- Sato, K., see Masuzaki, S.
- Sato, K., see Peterson, B.J.
- Sato, K., see Takiyama, K.
- Sato, M., see Fukuda, T.
- Sato, M., see Kohyama, A.
- Sato, M., see Nakamura, Y.
- Sato, M., see Peterson, B.J.
- Sato, M., see Tsuzuki, K.
- Sato, N., see Fujino, T.
- Sato, S., see Ivanov, A.D.
- Sato, T., S. Yamazaki, T. Yamashita, T. Matsui and T. Nagasaki, Enthalpy and heat capacity of $(\text{Ca}_{1-x}\text{Pu}_x)\text{TiO}_3$ ($x=0$ and 0.20)
- Sato, T., Y. Hanajiri, T. Yamashita, T. Matsui and T. Nagasaki, Thermal expansion of $(\text{Ca}_{1-x}\text{Pu}_x)\text{TiO}_3$
- Satoh, Y., see Yoshiie, T.
- Satou, M., see Chuto, T.
- Satou, M., see Fujiwara, M.
- Satou, M., see Kawano, S.
- Satou, M., see Nemoto, Y.
- Satou, M., T. Chuto and K. Abe, Improvement in post-irradiation ductility of neutron irradiated V–Ti–Cr–Si–Al–Y alloy and the role of interstitial impurities
- Sattin, F., see Puiatti, M.E.
- Sattin, F., see Valisa, M.
- Sattonnay, G., C. Ardois, C. Corbel, J.F. Lucchini, M.-F. Barthe, F. Garrido and D. Gosset,
- 273 (1999) 257
278 (2000) 136
290–293 (2001) 683
273 (1999) 239
281 (2000) 117
283–287 (2000) 593
283–287 (2000) 1157
290–293 (2001) 12
290–293 (2001) 930
290–293 (2001) 976
283–287 (2000) 263
283–287 (2000) 565
290–293 (2001) 1040
290–293 (2001) 930
283–287 (2000) 681
275 (1999) 19
282 (2000) 232
289 (2001) 270
294 (2001) 104
297 (2001) 176
297 (2001) 332
283–287 (2000) 35
294 (2001) 135
294 (2001) 130
283–287 (2000) 229
283–287 (2000) 503
283–287 (2000) 1311
283–287 (2000) 1220
283–287 (2000) 1144
283–287 (2000) 367
290–293 (2001) 696
290–293 (2001) 980

- Alpha-radiolysis effects on UO₂ alteration in water 288 (2001) 11
- Sattonnay, G., F. Rullier-Albenque and O. Dimitrov, Determination of displacement threshold energies in pure Ti and in γ -TiAl alloys by electron irradiation 275 (1999) 63
275 (1999) 305
276 (2000) 230
- Saurel, J.M., see Roque, V.
- Savino, E.J., see Pasianot, R.C.
- Savoini, B., D. Cáceres, I. Vergara, R. González and J.E. Muñoz Santiuste, Radiation damage in neutron-irradiated yttria-stabilized-zirconia single crystals 277 (2000) 199
- Sawai, T., K. Shiba and A. Hishinuma, Microstructure of welded and thermal-aged low activation steel F82H IEA heat 283–287 (2000) 657
280 (2000) 186
- Sawai, T., see Hashimoto, N.
- Sawai, T., see Miwa, Y.
- Sawai, T., see Wakai, E.
- Sayano, A., C. Sutoh, S. Suyama, Y. Itoh and S. Nakagawa, Development of a reaction-sintered silicon carbide matrix composite 283–287 (2000) 467
290–293 (2001) 448
- Saze, T., see Miyasaka, K.
- Sazhin, S.S. and A.P. Jeapes, Fluorination of uranium dioxide particles: a review of physical and chemical properties of the compounds involved 275 (1999) 231
- Scaffidi-Argentina, F., C. Sand and C.H. Wu, Tritium retention in neutron-irradiated low-Z materials for use as plasma facing materials 290–293 (2001) 211
- Scaffidi-Argentina, F., G.R. Longhurst, V. Shestakov and H. Kawamura, The status of beryllium technology for fusion 283–287 (2000) 43
- Scaffidi-Argentina, F., see Anderl, R.A.
- Scaffidi-Argentina, F., see Markin, A.V.
- Scaffidi-Argentina, F., see Piazza, G.
- Scaffidi-Argentina, F., see Safronov, V.
- Scaffidi-Argentina, F., V. Safronov, I. Arkhipov, N. Arkhipov, V. Bakhtin, V. Barsuk, S. Kurkin, E. Mironova, D. Toporkov, S. Vasenin, H. Werle, H. Würz and A. Zhitlukhin, Erosion mechanisms and products in graphite targets under simulated disruption conditions 283–287 (2000) 1111
290–293 (2001) 696
290–293 (2001) 980
278 (2000) 127
276 (2000) 114
- Schäublin, R., A. Almazouzi, Y. Dai, Yu.N. Osotsky and M. Victoria, Quantitative analysis of CTEM images of small dislocation loops in Al and stacking fault tetrahedra in Cu generated by molecular dynamics simulation 276 (2000) 251
290–293 (2001) 1102
- Schöpflin, K., see Linke, J.
- Schäfer, L., Tensile and impact behavior of the reduced-activation steels OPTIFER and F82H mod 283–287 (2000) 707
283–287 (2000) 1196
- Schäfer, L., see Schleisiek, K.
- Schäublin, R. and M. Victoria, Differences in the microstructure of the F82H ferritic/martensitic steel after proton and neutron irradiation 283–287 (2000) 339
- Schäublin, R., P. de Almeida, A. Almazouzi and M. Victoria, Correlation of simulated TEM images with irradiation induced damage 283–287 (2000) 205
283–287 (2000) 446
- Schäublin, R., see Baluc, N.
- Schäublin, R., see Luppo, M.I.
- Schöpflin, K., see Linke, J.
- Schäfer, L., and M. Schirra, Influence of thermal aging on tensile and impact bending properties of the steel grades OPTIFER and F82H mod. 271&272 (1999) 455
296 (2001) 83
298 (2001) 95
- Schaal, H., see Hilscher, D.
- Schaeff, H.T., see McGrail, B.P.
- Schaffer, M.J., J.A. Boedo, R.A. Moyer, T.N. Carlstrom and J.G. Watkins, Large $E \times B$ convection near the divertor X-point 290–293 (2001) 530
290–293 (2001) 995
- Schaffer, M.J., see Allen, S.L.
- Schaffer, M.J., see Mahdavi, M.A.
- Schaffer, M.J., see Petrie, T.W.
- Schaller, R., see Van Ouytsel, K.
- Schenck, P.K., see Hastie, J.W.
- Schirra, M., see Schäfer, L.
- Schleisiek, K., T. Lechlér, L. Schäfer and P. Weimar, Diffusion welding parameters and mechanical properties of martensitic chromium steels 271&272 (1999) 455
283–287 (2000) 1196
281 (2000) 42
- Schleußner, D., see Behrisch, R.
- Schliefer, F., C. Liu and P. Jung, Diffusion and permeation of hydrogen in low-activation martensitic stainless steel – effect of irradiation 283–287 (2000) 540
290–293 (2001) 1036
- Schlosser, J., see Mitteau, R.
- Schmid, K., J. Roth and W. Eckstein, Influence of diffusion on W sputtering by carbon 290–293 (2001) 148
282 (2000) 125
- Schmid, K., see Alimov, V.Kh.
- Schmidt, B., S. Guerin, J.-L. Pastol, P. Plaindoux, J.-P. Dallas, C.

- Leroux and D. Gorse, Evaluation of the mechanical properties of T91 steel exposed to Pb and Pb–Bi at high temperature in controlled environment 296 (2001) 249
- Schmidtmann, K., see Neu, R. 290–293 (2001) 206
- Schmidtmann, K., see Pugno, R. 290–293 (2001) 308
- Schmidtmann, K., see Wenzel, U. 290–293 (2001) 352
- Schneider, H.-C., B. Dafferner and J. Aktaa, Embrittlement behaviour of different international low activation alloys after neutron irradiation 295 (2001) 16
- Schneider, R., see Bonnin, X. 290–293 (2001) 829
- Schneider, R., see Borchardt, M. 290–293 (2001) 546
- Schneider, R., see Bosch, H.-S. 290–293 (2001) 836
- Schneider, R., see Bürbamer, H. 290–293 (2001) 571
- Schneider, R., see Hatayama, A. 290–293 (2001) 407
- Schneider, R., see Kim, J.-W. 290–293 (2001) 644
- Schneider, R., see Kukushkin, A.S. 290–293 (2001) 887
- Schneider, R., see Lalouis, P. 290–293 (2001) 1084
- Schneider, R., see Reiser, D. 290–293 (2001) 953
- Schneider, R., see Rozhansky, V. 290–293 (2001) 710
- Schneider, W., see Behrisch, R. 281 (2000) 42
- Schneider, W., see Herrmann, A. 290–293 (2001) 619
- Schneider, W., see Hildebrandt, D. 290–293 (2001) 89
- Scholz, R. and G.E. Youngblood, Irradiation creep of advanced silicon carbide fibers 283–287 (2000) 372
- Scholz, R. and R. Matera, Proton irradiation creep of Inconel 718 at 300 °C 283–287 (2000) 414
- Scholz, R., see Holzwarth, U. 279 (2000) 19
- Scholz, R., see Lewinsohn, C.A. 289 (2001) 10
- Schram, R.P.C., see Neeft, E.A.C. 274 (1999) 78
- Schuetz, S.T., see Anderl, R.A. 290–293 (2001) 38
- Schuetz, S.T., see Smolik, G.R. 283–287 (2000) 1458
- Schumacher, G., see Müller, G. 278 (2000) 85
- Schunk, J., see Varga, K. 298 (2001) 231
- Schunke, B., C. DeMichelis, R. Guirlet, P. Monier-Garbet, M. Mattioli, E. Chareyre and O. Meyer, Consistency check of Z_{eff} measurements in ergodic divertor plasmas on Tore Supra 290–293 (2001) 715
- Schunke, B., see Ghendrih, Ph. 290–293 (2001) 798
- Schunke, B., see Guirlet, R. 290–293 (2001) 872
- Schunke, B., see Monier-Garbet, P. 290–293 (2001) 925
- Schwarz-Selinger, T., see von Keudell, A. 290–293 (2001) 231
- Schweer, B., see Huber, A. 290–293 (2001) 276
- Schweer, B., see Lehnens, M. 290–293 (2001) 663
- Schweer, B., see Ohya, K. 283–287 (2000) 1182
- Schweer, B., see Philipps, V. 290–293 (2001) 1190
- Schweer, B., see Sergienko, G. 290–293 (2001) 720
- Schweer, B., see Tanabe, T. 283–287 (2000) 1128
- Schweer, B., see Wada, M. 290–293 (2001) 768
- Schweiger, M.J., see Begg, B.D. 278 (2000) 212
- Schweinzer, J., see Menhart, S. 290–293 (2001) 673
- Scibetta, M., see Puzzolante, J.-L. and fracture toughness results on irradiated molybdenum alloys, TZM and Mo–5%Re 283–287 (2000) 455
- Scott, P.M., see Bruemmer, S.M. 283–287 (2000) 428
- Scott, P.M., see Was, G.S. 274 (1999) 299
- Sedano, L.A., A. Perujo and C.H. Wu, Intrinsic hydrogen transport constants in the CFC matrix and fibres derived from isovolumetric desorption experiments 300 (2002) 198
- Sedano, L.A., see Esteban, G.A. 273 (1999) 285
- Sedano, L.A., see Esteban, G.A. 281 (2000) 34
- Sedano, L.A., see Esteban, G.A. 282 (2000) 89
- Sedano, L.A., see Esteban, G.A. 295 (2001) 49
- Sedano, L.A., see Esteban, G.A. 300 (2002) 1
- Seeger, A., see Niwase, K. 271&272 (1999) 261
- Segawa, H., see Hatayama, A. 290–293 (2001) 407
- Segawa, J., see Jitsukawa, S. 271&272 (1999) 87
- Segers, D., see Slugen, V. 274 (1999) 273
- Seibold, A., see Garzarolli, F. 289 (2001) 339
- Seidel, K., see Richter, D. 283–287 (2000) 1434
- Seidel, U., see Kallenbach, A. 290–293 (2001) 639
- Seki, M., see Kohyama, A. 283–287 (2000) 20
- Sekimura, N., see Morishita, K. 283–287 (2000) 753
- Sekimura, N., see Okita, T. 283–287 (2000) 220
- Sekimura, N., T. Iwai, Y. Arai, S. Yonamine, A. Naito, Y. Miwa and S. Hamada, Synergistic effects of hydrogen and helium on microstructural evolution in vanadium alloys by triple ion beam irradiation 283–287 (2000) 224
- Sekimura, N., T. Morioka and K. Morishita, Modeling of cascade damage interactions by Monte-Carlo method 283–287 (2000) 758
- Sekimura, N., Y. Kanzaki, N. Ohtake, J. Saeki, Y. Shirao, S. Ishino, T. Iwata, A. Iwase and R. Tanaka, High energy cascades in gold as studied by high energy self-ion irradiation 271&272 (1999) 68
- Sekimura, N., Y. Shirao, H. Yamaguchi, S. Yonamine and Y. Arai, Defect cluster formation in vanadium irradiated with heavy ions 271&272 (1999) 63
- Sekine, R., see Kurihara, M. 281 (2000) 140
- Sekine, S., see Yagi, Y. 290–293 (2001) 1144
- Sekine, S., Y. Hirano, T. Shimada, Y. Yagi and H. Sakakita, Dependence of deuterium line-shape on the insertion depth of BN and C limiters in the TPE-1RM20 reversed field pinch plasma 271&272 (1999) 415
- Sekino, H., see Minato, K. 279 (2000) 181
- Sen, P., see Mukherjee, P. 273 (1999) 338
- Sen, P., see Mukherjee, P. 297 (2001) 341
- Sencer, B.H. and F.A. Garner, Compositional and temperature

- dependence of void swelling in model Fe–Cr base alloys irradiated in the EBR-II fast reactor 283–287 (2000) 164
- Sencer, B.H., G.M. Bond, F.A. Garner, M.L. Hamilton, B.M. Oliver, L.E. Thomas, S.A. Maloy, W.F. Sommer, M.R. James and P.D. Ferguson, Microstructural evolution of Alloy 718 at high helium and hydrogen generation rates during irradiation with 600–800 MeV protons 283–287 (2000) 324
- Sencer, B.H., G.M. Bond, F.A. Garner, M.L. Hamilton, S.A. Maloy and W.F. Sommer, Correlation of radiation-induced changes in mechanical properties and microstructural development of Alloy 718 irradiated with mixed spectra of high-energy protons and spallation neutrons 296 (2001) 145
- Sencer, B.H., G.M. Bond, M.L. Hamilton, F.A. Garner, S.A. Maloy and W.F. Sommer, Microstructural origins of radiation-induced changes in mechanical properties of 316 L and 304 L austenitic stainless steels irradiated with mixed spectra of high-energy protons and spallation neutrons 296 (2001) 112
- Sencer, B.H., see Garner, F.A. 276 (2000) 123
- Sengoku, S., see Hirohata, Y. 290–293 (2001) 196
- Sengoku, S., see Johnson, W.R. 283–287 (2000) 622
- Sengoku, S., see Nakamura, Y. 278 (2000) 312
- Sengupta, A.K., see Kutty, T.R.G. 297 (2001) 120
- Seong, B.-S., C.-H. Lee, J.-S. Lee, H.-S. Shim, J.-H. Lee, K.H. Kim, C.K. Kim and V. Em, Neutron diffraction study of U–10 wt% Mo alloy 277 (2000) 274
- Seraydarian, R., see Doerner, R.P. 290–293 (2001) 166
- Sergienko, G., A. Pospieszczyk, M. Lehnens, M. Brix, J. Rapp, B. Schweer and P.T. Greenland, Spectroscopic studies of stationary MARFEs in TEXTOR–94 290–293 (2001) 720
- Sergienko, G., see Huber, A. 290–293 (2001) 276
- Sergienko, G., see Ohya, K. 290–293 (2001) 303
- Sergienko, G., see Pospieszczyk, A. 290–293 (2001) 947
- Sergienko, G., see Rapp, J. 290–293 (2001) 1148
- Sergienko, G., see Wada, M. 290–293 (2001) 768
- Sergienko, G.V., see Zhmendak, A.V. 290–293 (2001) 220
- Serianni, G., see Puiatti, M.E. 290–293 (2001) 696
- Serianni, G., see Spolaore, M. 290–293 (2001) 729
- Serizawa, H., M. Ando, C.A. Lewinsohn and H. Murakawa, New evaluation method of crack growth in SiC/SiC composites using interface elements 283–287 (2000) 579
- Serizawa, H., M. Ando, C.A. Lewinsohn and H. Murakawa, Computational analysis of creep fracture deformation in SiC/SiC composites 289 (2001) 16
- Serizawa, H., see Fujino, T. 289 (2001) 270
- Serizawa, H., see Fujino, T. 297 (2001) 176
- Serizawa, H., see Fujino, T. 297 (2001) 332
- Serizawa, H., see Minato, K. 288 (2001) 57
- Serizawa, H., Y. Arai and Y. Suzuki, Simultaneous determination of X-ray Debye temperature and Grüneisen constant for actinide dioxides: PuO₂ and ThO₂ 280 (2000) 99
- Sernyaev, G.A., A.V. Kozlov and V.R. Barabash, Strengthening, loss of strength and embrittlement of beryllium under high temperature neutron irradiation 271&272 (1999) 123
- Serra, A., see Golubov, S.I. 277 (2000) 113
- Serra, A., see Osetsky, Yu.N. 276 (2000) 202
- Serra, A., see Osetsky, Yu.N. 276 (2000) 65
- Serra, A., see Osetsky, Yu.N. 283–287 (2000) 784
- Serra, E., see Benamati, G. 283–287 (2000) 1033
- Serra, E., see Fazio, C. 273 (1999) 233
- Serra, E., see Ogorodnikova, O.V. 273 (1999) 66
- Serrano, J., see Quiñones, J. 298 (2001) 63
- Serrano, J.A., J.P. Glatz, E.H. Toscano, J. Barrero and D. Paipaioannou, Influence of low-temperature air oxidation on the dissolution behaviour of high burn-up LWR spent fuel 294 (2001) 339
- Serrano, K., P. Taxil, O. Dugne, S. Bouvet and E. Puech, Preparation of uranium by electrolysis in chloride melt 282 (2000) 137
- Serruys, Y., see Grandjean, A. 273 (1999) 111
- Servant, C., see Dupin, N. 275 (1999) 287
- Server, W.L., see Carter, R.G. 298 (2001) 211
- Sevryukov, O., see Kalin, B. 271&272 (1999) 410
- Shalaev, V.I., see Sagardze, V.V. 295 (2001) 265
- Shamardin, V.K., see Ilyin, A.M. 283–287 (2000) 694
- Shamardin, V.K., see Rodchenkov, B.S. 283–287 (2000) 1166
- Shamardin, V.K., V.N. Golovanov, T.M. Bulanova, A.V. Povstianko, A.E. Fedoseev, Yu.D. Goncharenko and Z.E. Ostrovsky, Mechanical properties and microstructure of advanced ferritic-martensitic steels used under high dose neutron irradiation 271&272 (1999) 155
- Shamir, N., see Arkush, R. 281 (2000) 182
- Shan, C., see Yao, Z. 283–287 (2000) 1287
- Shan, C., see Yu, J. 271&272 (1999) 512
- Shankar, V., K. Bhanu Sankara Rao and S.L. Mannan,

- Microstructure and mechanical properties of inconel 625 superalloy 288 (2001) 222
 Shankar, V., see Sireesha, M. 279 (2000) 65
 Shapkin, V.V., see Arkhipov, I.I. 271&272 (1999) 418
 Shapkin, V.V., see Khrupunov, B.I. 290–293 (2001) 201
 Shapkin, V.V., see Litnovsky, A.M. 290–293 (2001) 1107
 Sharafat, S. and N.M. Ghoniem, Comparison of a microstructure evolution model with experiments on irradiated vanadium 283–287 (2000) 789
 Sharma, D. and H. Ramachandran, Kinetic simulation of a source dominated plasma–wall interaction in an oblique magnetic field 290–293 (2001) 725
 Sharpe, J.P., B.J. Merrill, D.A. Petti, M.A. Bourham and J.G. Gilligan, Modeling of particulate production in the SIRENS plasma disruption simulator 290–293 (2001) 1128
 Sharpe, J.P., see Chappuis, Ph.
 Sheldon, R.I., An estimate of the high temperature, metal rich phase boundary of plutonium sesquioxide 290–293 (2001) 245
 Shen, W.-P., see Ge, C.-C.
 Sheng, B., see Gao, X.
 Sheng, J. and S. Luo, 90-19/U HLW-glass leaching mechanism in underground water 297 (2001) 358
 Sheng, J., H. Yamana and H. Moriyama, Gibbs free energy of formation of liquid lanthanide–bismuth alloys 283–287 (2000) 1116
 Sheng, J., K. Choi and M.-J. Song, Vitrification of liquid waste from nuclear power plants 279 (2000) 330
 Sheng, J., see Luo, S.
 Sheng, J., see Yamana, H.
 Sheng, J., see Yamana, H.
 Shepherd, I., see Kourtzi, N.
 Shestakov, A., see Dolinski, Yu.
 Shestakov, V., see Scaffidi-Argentina, F.
 Shestakov, V.P., see Ilyin, A.M.
 Shestakov, V.P., see Ilyin, A.M.
 Shestakov, V.P., see Kul'sartov, T.V.
 Shi, H.J., L.S. Niu, C. Korn and G. Pluvinate, High temperature fatigue behaviour of TZM molybdenum alloy under mechanical and thermomechanical cyclic loads 283–287 (2000) 854
 Shi, S.-Q. and M.P. Puls, Fracture strength of hydride precipitates in Zr-2.5Nb alloys 283–287 (2000) 43
 Shi, S.-Q., Diffusion-controlled hydride growth near crack tip in zirconium under temperature transients 283–287 (2000) 161
 Shi, S.-Q., see Gao, X. 283–287 (2000) 694
 Shi, S.-Q., see Gao, X. 283–287 (2000) 872
 Shimada, K. and A. Hishinuma, Low-temperature irradiation effects on tensile and Charpy properties of low-activation ferritic steels 283–287 (2000) 474
 Shiba, K., R.L. Klueh, Y. Miwa, J.P. Robertson and A. Hishinuma, Tensile behavior of F82H with and without spectral tailoring 283–287 (2000) 358
 Shiba, K., see Greenwood, L.R.
 Shiba, K., see Klueh, R.L.
 Shiba, K., see Miwa, Y.
 Shiba, K., see Sawai, T.
 Shiba, K., see Wakai, E.
 Shiba, K., see Yamamoto, N.
 Shibata, T., see Ogawa, T.
 Shibata, T., see Tsuzuki, K.
 Shibayama, T., see Hinoki, T.
 Shibayama, T., see Lewinson, C.A.
 Shiyyama, K., M.M.R. Howlader, Y. Izumi, M. Kutsuwada, S. Matsumura and C. Kinoshita, Current–voltage characteristic of alumina and aluminum nitride with or without electron irradiation 283–287 (2000) 400
 Shikama, T., K. Yasuda, S. Yamamoto, C. Kinoshita, S.J. Zinkle and E.R. Hodgson, Irradiation effects in ceramics for fusion reactor applications 283–287 (2000) 912
 Shikama, T., see Fujitsuka, M.
 Shikama, T., see Yamamoto, S.
 Shikov, A., A. Nikulin, V. Pantyrnyi, A. Vorobieva, G. Vedernikov, A. Silaev, E. Dergunova, S. Soudiev and I. Akimov, Russian superconducting materials for magnet systems of fusion reactors 283–287 (2000) 885
 Shikov, A., see Kapychev, V.
 Shikov, A.K., see Solonin, M.I.
 Shim, H.-S., see Seong, B.-S.
 Shima, S., see Morisawa, J.
 Shimada, K., T. Tanabe, R. Causey, T. Venhaus and K. Okuno, Hydrogen recycling study by Balmer lines emissions in linear plasma machine TPE 283–287 (2000) 968
 Shimada, T., see Sekine, S.
 Shimakawa, S., see Kurata, Y.
 Shimansky, G.A., see Markina, N.V.
 Shimatani, N., see Kawatsura, K.
 Shimizu, K., see Higashijima, S.
 Shimizu, K., see Takizuka, T.
 Shimizu, M., see Matsui, Y.
 Shimizu, S., see Une, K.
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 283–287 (2000) 1429
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 283–287 (2000) 1468
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 277 (2000) 274
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 294 (2001) 241
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 290–293 (2001) 478
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 271&272 (1999) 415
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 283–287 (2000) 386
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 271&272 (1999) 30
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 271&272 (1999) 11
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 290–293 (2001) 623
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 290–293 (2001) 753
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 283–287 (2000) 997
 Shimomura, Y. and I. Mukouda, Development of vacancy clusters 278 (2000) 54

- in neutron-irradiated copper at high temperature
- Shimomura, Y., I. Mukouda and K. Sugio, Computer simulation on the void formation in neutron-irradiated Cu and Ni at high temperature
- Shimomura, Y., see Fukushima, H.
- Shimomura, Y., see Mukouda, I.
- Shimomura, Y., see Mukouda, I.
- Shimomura, Y., see Yamakawa, K.
- Shimomura, Y., see Yamakawa, K.
- Shimozuma, T., see Nakamura, Y.
- Shimura, K., see Tsuji, H.
- Shinavski, R., see Hinoki, T.
- Shindo, M., see Kurata, Y.
- Shinohara, M., see Uno, M.
- Shinozuka, K., see Tamura, M.
- Shiozawa, K., see Shirai, O.
- Shirai, O., see Iizuka, M.
- Shirai, O., see Iizuka, M.
- Shirai, O., T. Iwai, K. Shiozawa, Y. Suzuki, Y. Sakamura and T. Inoue, Electrolysis of plutonium nitride in LiCl–KCl eutectic melts
- Shiraishi, T., M. Nishikawa, T. Yamaguchi and K. Kenmotsu, Permeation of multi-component hydrogen isotopes through austenitic stainless steels
- Shiraishi, T., see Nishikawa, M.
- Shirao, Y., see Sekimura, N.
- Shirao, Y., see Sekimura, N.
- Shiratori, T., see Fujino, T.
- Shiratori, T., see Fujino, T.
- Shiratori, T., see Fujino, T.
- Shiratori, T., see Minato, K.
- Shiratori, T., see Une, K.
- Shiratori, T., T. Yamashita, T. Ohmichi, A. Yasuda and K. Watarumi, Preparation of rock-like oxide fuels for the irradiation test in the Japan Research Reactor No. 3
- Shishkin, N., see Kapychev, V.
- Shishkov, N., see Kapychev, V.
- Shoesmith, D.W., Fuel corrosion processes under waste disposal conditions
- Shoji, M., see Masuzaki, S.
- Shoji, M., see Peterson, B.J.
- Shoji, Y. and T. Matsui, Vaporization study on lanthanum–neodymium alloys by mass spectrometry
- Sholin, G.V., see Litnovsky, A.M.
- Shpansky, Yu.S., see Khripunov, B.I.
- Shtan, A.F., see Voitsenya, V.S.
- Shtrombakh, Y.I., see Kuleshova, E.A.
- 283–287 (2000) 249
- 271&272 (1999) 225
271&272 (1999) 220
271&272 (1999) 230
283–287 (2000) 302
271&272 (1999) 41
275 (1999) 101
290–293 (2001) 1040
271&272 (1999) 486
283–287 (2000) 376
283–287 (2000) 386
294 (2001) 119
283–287 (2000) 667
277 (2000) 226
297 (2001) 43
299 (2001) 32
- 277 (2000) 226
- 273 (1999) 60
277 (2000) 99
- 271&272 (1999) 63
271&272 (1999) 68
289 (2001) 270
297 (2001) 176
297 (2001) 332
288 (2001) 57
288 (2001) 20
- 274 (1999) 40
283–287 (2000) 1429
283–287 (2000) 1429
- 282 (2000) 1
290–293 (2001) 12
290–293 (2001) 930
- 273 (1999) 310
290–293 (2001) 1107
- 290–293 (2001) 201
290–293 (2001) 336
- 300 (2002) 127
- Shtrombakh, Ya.I., see Gurovich, B.A.
- Shu, W., see Nakamura, H.
- Shu, W., see Oya, Y.
- Shu, W., see Tadokoro, T.
- Shu, W.M., S. Ohira, C.A. Gentile, Y. Oya, H. Nakamura, T. Hayashi, Y. Iwai, Y. Kawamura, S. Konishi, M.F. Nishi and K.M. Young, Tritium decontamination of TFTR carbon tiles employing ultra violet light
- Shu, W.M., see Skinner, C.H.
- Shukla, S.V., C. Chandrashekharayya, R.N. Singh, R. Fotedar, R. Kishore, T.K. Sinha and B.P. Kashyap, Effect of strain rate and test temperature on superplasticity of a Zr–2.5 wt% Nb alloy
- Shutthanandan, V., S. Thevuthasan, J.S. Young, T.M. Orlando and W.J. Weber, Hydrogen-damage interactions in yttria-stabilized zirconia
- Shutthanandan, V., see Jiang, W.
- Shutthanandan, V., see Thevuthasan, S.
- Sickafus, K., see Degueldre, C.
- Sickafus, K.E., Hj. Matzke, Th. Hartmann, K. Yasuda, J.A. Valdez, P. Chodak III, M. Nastasi and R.A. Verrall, Radiation damage effects in zirconia
- Sickafus, K.E., see Afanasyev-Charkin, I.V.
- Sickafus, K.E., see Gritsyna, V.T.
- Sigle, W., see Niwase, K.
- Silaev, A., see Shikov, A.
- Sillen, X., see Mallants, D.
- Simeone, D., C. Dodane-Thiriet, D. Gosset, P. Daniel and M. Beauvy, Order-disorder phase transition induced by swift ions in $MgAl_2O_4$ and $ZnAl_2O_4$ spinels
- Simeone, D., C. Mallet, P. Dubuisson, G. Baldinozzi, C. Gervais and J. Maquet, Study of boron carbide evolution under neutron irradiation by Raman spectroscopy
- Simeone, D., D. Gosset, J.L. Bechade and A. Chevarier, Analysis of the monoclinic–tetragonal phase transition of zirconia under irradiation
- Simeone, D., J.L. Bechade, D. Gosset, A. Chevarier, P. Daniel, H. Pillaire and G. Baldinozzi, Investigation on the zirconia phase transition under irradiation
- 273 (1999) 130
- 289 (2001) 128
289 (2001) 96
- 289 (2001) 204
289 (2001) 115
- 274 (1999) 66
- 289 (2001) 110
- 283–287 (2000) 927
- 271&272 (1999) 261
- 283–287 (2000) 968
298 (2001) 125
- 300 (2002) 151
- 277 (2000) 1
- 300 (2002) 27
- 281 (2000) 171

- Simeone, D., X. Deschanel, D. Gosset, J.P. Bonal and E. Berthomieu, Nuclear microprobe analysis of ^7Li profile induced in HfB_2 by a neutron irradiation 297 (2001) 244
- Simonelli, G., see Pasianot, R.C.
- Simonen, E.P., see Bruemmer, S.M.
- Simonen, E.P., see Lewinsohn, C.A.
- Sims, H.E., see Usami, T.
- Singh, B.N., A. Horsewell and P. Toft, Effects of neutron irradiation on microstructure and mechanical properties of pure iron 276 (2000) 230
- Singh, B.N., D.J. Edwards and P. Toft, Effect of neutron irradiation and post-irradiation annealing on microstructure and mechanical properties of OFHC-copper 283–287 (2000) 584
- Singh, B.N., D.J. Edwards, M. Eldrup and P. Toft, Effect of bonding and bakeout thermal cycles on the properties of copper alloys irradiated at 350 °C 297 (2001) 15
- Singh, B.N., J.F. Stubbins and P. Toft, The influence of neutron irradiation on the fatigue performance of OFHC copper and a dispersion strengthened copper alloy 299 (2001) 205
- Singh, B.N., see Almazouzi, A.
- Singh, B.N., see Eldrup, M.
- Singh, B.N., see Ghoniem, N.M.
- Singh, B.N., see Golubov, S.I.
- Singh, B.N., see Heinisch, H.L.
- Singh, B.N., see Osetsky, Yu.N.
- Singh, B.N., see Osetsky, Yu.N.
- Singh, B.N., see Sun, L.Z.
- Singh, B.N., see Tähtinen, S.
- Singh, B.N., see Tähtinen, S.
- Singh, B.N., see Trinkaus, H.
- Singh, B.N., see Victoria, M.
- Singh, B.N., see Zinkle, S.J.
- Singh, M., see Lewinsohn, C.A.
- Singh, R.N., see Shukla, S.V.
- Singh, Z., see Dash, S.
- Singh, Z., see Prasad, R.
- Singh Mudher, K.D., see Keskar, M.
- Sinha, T.K., see Kishore, R.
- Sinha, T.K., see Shukla, S.V.
- Sinkler, W., see Keiser Jr., D.D.
- Sips, A., see Herrmann, A.
- Sireesha, M., S.K. Albert, V. Shankar and S. Sundaresan, A comparative evaluation of welding consumables for dissimilar welds between 316LN austenitic stainless steel and Alloy 800 279 (2000) 65
- Sirotin, V., see Vatulin, A. 274 (1999) 135
- Skålberg, M., see Ramebäck, H. 277 (2000) 45
- Skålberg, M., see Ramebäck, H. 277 (2000) 288
- Skinner, C., see Hirooka, Y. 274 (1999) 320
- Skinner, C.H., C.A. Gentile, G. Ascione, A. Carpe, R.A. Causey, T. Hayashi, J. Hogan, S. Langish, M. Nishi, W.M. Shu, W.R. Wampler and K.M. Young, Studies of tritiated co-deposited layers in TFTR 290–293 (2001) 486
- Skinner, C.H., see Counsell, G.F. 290–293 (2001) 255
- Skinner, C.H., see Federici, G. 283–287 (2000) 110
- Skinner, C.H., see Kugel, H.W. 290–293 (2001) 1185
- Skinner, S., see Mahdavi, M.A. 300 (2002) 278
- Slugen, V., D. Segers, P.M.A. de Bakker, E. De Grave, V. Magula, T. Van Hoecke and B. Van Waeyenberge, Annealing behaviour of reactor pressure-vessel steels studied by positron-annihilation spectroscopy, Mössbauer spectroscopy and transmission electron microscopy 290–293 (2001) 905
- Smee, J.D., see Hillner, E. 274 (1999) 273
- Smid, I., see Merola, M. 278 (2000) 334
- Smith, D., see Lipschultz, B. 283–287 (2000) 1068
- Smith, D.L., S. Majumdar, M. Bil lone and R. Mattas, Performance limits for fusion first-wall structural materials 290–293 (2001) 286
- Smith, D.L., see Bray, T.S. 283–287 (2000) 716
- Smith, D.L., see Fukumoto, K.-i. 283–287 (2000) 633
- Smith, D.L., see Gohar, Y. 283–287 (2000) 492
- Smith, D.L., see Gomes, I.C. 283–287 (2000) 1370
- Smith, D.L., see Kurtz, R.J. 271&272 (1999) 349
- Smith, D.L., see Maekawa, F. 283–287 (2000) 70
- Smith, D.L., see Reed, C.B. 283–287 (2000) 1448
- Smith, D.L., see Tsai, H. 283–287 (2000) 1206
- Smith, K.L., M.G. Blackford, G.R. Lumpkin and N.J. Zaluzec, Ion beam-induced amorphisation of freudenbergite 283–287 (2000) 362
- Smith, K.L., see Cooper, R. 277 (2000) 159
- Smith, K.L., see Lumpkin, G.R. 289 (2001) 199
- Smith, R.F., see Song, S.-H. 289 (2001) 177
- Smolik, G., see Anderl, R.A. 280 (2000) 162
- Smolik, G.R., D.A. Petti and S.T. Schuetz, Oxidation and volatilization of TZM alloy in air 283–287 (2000) 1463
- Smolik, G.R., see Petti, D.A. 283–287 (2000) 1390
- Smuk, S., see Jagodzinski, Yu. 275 (1999) 47
- Smuk, S., see Tähtinen, S. 283–287 (2000) 255
- Snead, L.L. and J.C. Hay, Neutron irradiation induced amorphization of silicon carbide 273 (1999) 213
- Snead, L.L., R. Yamada, K. Noda, Y. Katoh, S.J. Zinkle, W.S. Easterly and A.L. Qualls, In situ

- thermal conductivity measurement of ceramics in a fast neutron environment
Snead, L.L., see Barabash, V.
Snead, L.L., see Hasegawa, A.
Snead, L.L., see Hinoki, T.
Snead, L.L., see Maloy, S.A.
Snead, L.L., see Romanoski, G.R.
Snead, L.L., Y. Katoh, A. Kohyama, J.L. Bailey, N.L. Vaughn and R.A. Lowden, Evaluation of neutron irradiated near-stoichiometric silicon carbide fiber composites
Snelgrove, J.L., see Meyer, M.K.
So, C.B., see Gao, F.
Södervall, U., see Oskarsson, M.
Soeda, T., S. Matsumura, C. Kinoshita and N.J. Zaluzec, Cation disordering in magnesium aluminate spinel crystals induced by electron or ion irradiation
Sogabe, T., see Tokunaga, K.
Sohn, D.S., see Kim, B.G.
Sohn, D.-S., see Koo, Y.-H.
Sohn, D.-S., see Koo, Y.-H.
Sohn, H.Y., see Park, Y.S.
Sohn, Y.H., M.A. Dayananda, G.L. Hofman, R.V. Strain and S.L. Hayes, Analysis of constituent redistribution in the γ (bcc) U–Pu–Zr alloys under gradients of temperature and concentrations
Sokolov, M., see Maloy, S.A.
Sokolov, M.A., see Klueh, R.L.
Sokolov, M.A., see Klueh, R.L.
Sokolov, M.A., see Klueh, R.L.
Soler Crespo, L., F.J. Martín Muñoz and D. Gómez Briceño, Short-term static corrosion tests in lead–bismuth
Soler Crespo, L., see Gómez Briceño, D.
Solodovchenko, S.I., see Voitsenya, V.S.
Solonin, M.I., see Davydov, D.A.
Solonin, M.I., see Davydov, D.A.
Solonin, M.I., see Ioltukhovskiy, A.G.
Solonin, M.I., V.M. Chernov, V.A. Gorokhov, A.G. Ioltukhovskiy, A.K. Shikov and A.I. Blokhin, Present status and future prospect of the Russian program for fusion low-activation materials
Somers, J., see Konings, R.J.M.
Sommer, W.F., see Chen, J.
Sommer, W.F., see Dai, Y.
Sommer, W.F., see Dai, Y.
Sommer, W.F., see Dai, Y.
Sommer, W.F., see Garner, F.A.
- 283–287 (2000) 545
283–287 (2000) 138
283–287 (2000) 128
283–287 (2000) 376
296 (2001) 119
283–287 (2000) 642
283–287 (2000) 551
299 (2001) 175
294 (2001) 288
289 (2001) 315
283–287 (2000) 952
283–287 (2000) 1121
281 (2000) 163
280 (2000) 86
295 (2001) 213
280 (2000) 285
279 (2000) 317
296 (2001) 119
279 (2000) 91
283–287 (2000) 478
283–287 (2000) 697
296 (2001) 273
296 (2001) 265
290–293 (2001) 336
271&272 (1999) 435
283–287 (2000) 1409
283–287 (2000) 652
283–287 (2000) 1468
282 (2000) 159
275 (1999) 115
276 (2000) 289
283–287 (2000) 513
296 (2001) 174
296 (2001) 66
- Sommer, W.F., see Hamilton, M.L.
Sommer, W.F., see James, M.R.
Sommer, W.F., see Maloy, S.A.
Sommer, W.F., see Sencer, B.H.
Sommer, W.F., see Sencer, B.H.
Sommer, W.F., see Sencer, B.H.
Soneda, N., see Alonso, E.
Soneda, N., see Carter, R.G.
Soneda, N., see Caturla, M.J.
Song, J.R., see Guo, Q.G.
Song, J.S., see Lee, C.B.
Song, K.W., K.S. Kim and Y.H. Jung, Densification behavior of U_3O_8 powder compacts by dilatometry
Song, K.W., K.S. Kim, Y.M. Kim and Y.H. Jung, Sintering of mixed UO_2 and U_3O_8 powder compacts
Song, K.W., K.S. Kim, Y.M. Kim, K.W. Kang and Y.H. Jung, Reduction of the open porosity of UO_2 pellets through pore structure control
Song, K.W., K.S. Kim, J.H. Yang, K.W. Kang and Y.H. Jung, A mechanism for the sintered density decrease of UO_2 – Gd_2O_3 pellets under an oxidizing atmosphere
Song, K.-w., see Yoo, H.-s.
Song, M., K. Furuya, T. Tanabe and T. Noda, High-resolution electron microscopy of γ -TiAl irradiated with 15 keV helium ions at room temperature
Song, M., see Gao, X.
Song, M., see Xie, G.
Song, M.-J., see Sheng, J.
Song, S., see Faulkner, R.G.
Song, S., see Faulkner, R.G.
Song, S.-H., R.G. Faulkner, P.E.J. Flewitt, R.F. Smith, P. Marmy and M. Victoria, Irradiation-induced embrittlement of a 2.25Cr1Mo steel
Sonoda, K., see Maeda, T.
Soppet, W.K., see Natesan, K.
Sorokin, M.V. and A.E. Volkov, Effect of defect sink strengths on the radiation induced segregation in binary alloys
Sorokin, M.V. and A.E. Volkov, Effect of partial damage efficiencies on the radiation-induced segregation in binary alloys
Souda, N., see Yamana, H.
Souda, N., see Yamana, H.
Soudiev, S., see Shikov, A.
Soudi, A., M. Hou, C.S. Becquart and C. Domain, Atomic
- 283–287 (2000) 418
296 (2001) 139
296 (2001) 119
283–287 (2000) 324
296 (2001) 112
296 (2001) 145
283–287 (2000) 768
298 (2001) 211
276 (2000) 13
290–293 (2001) 191
282 (2000) 196
279 (2000) 356
277 (2000) 123
279 (2000) 253
288 (2001) 92
281 (2000) 191
271&272 (1999) 200
279 (2000) 330
281 (2000) 80
297 (2001) 7
271&272 (1999) 1
283–287 (2000) 147
280 (2000) 162
298 (2001) 163
283–287 (2000) 1316
295 (2001) 290
282 (2000) 47
278 (2000) 37
294 (2001) 232
283–287 (2000) 968

- displacement cascade distributions in iron
- Soulet, S., J. Carpéna, J. Chaumont, J.-C. Krupa and M.-O. Ruault, Determination of the defect creation mechanism in the monosilicated fluoroapatite. Disorder modeling under repository conditions
- Soulet, S., J. Chaumont, J.-C. Krupa, J. Carpéna and M.-O. Ruault, Determination of the defect creation mechanism in fluoroapatite
- Späthig, P., G.R. Odette, E. Donahue and G.E. Lucas, Constitutive behavior and fracture toughness properties of the F82H ferritic/martensitic steel
- Späthig, P., see Chen, Y.
- Späthig, P., G.R. Odette and G.E. Lucas, Low temperature yield properties of two 7–9Cr ferritic/martensitic steels
- Spahiu, K., see Röllin, S.
- Spearing, D.R., D.K. Veirs and F.C. Prenger, Effect of the expansion associated with the plutonium α - β - γ phase transitions on storage can integrity
- Spence, J., see Chankin, A.V.
- Spence, J., see Strachan, J.D.
- Spilker, H., see Goll, W.
- Spinò, J. and D. Papaioannou, Lattice parameter changes associated with the rim-structure formation in high burn-up UO₂ fuels by micro X-ray diffraction
- Spizzo, G., P. Franz, L. Marrelli, P. Martin, A. Murari, T. Bolzonella, D. Terranova and P. Zanca, Mitigation of plasma-wall interaction during quasi-single helicity states in RFX
- Spolaore, M., see Puiatti, M.E.
- Spolaore, M., V. Antoni, M. Bagatin, D. Desideri, L. Fattorini, E. Martines, G. Serianni, L. Tramontin and N. Vianello, Study of edge plasma properties comparing operation in hydrogen and helium in RFX
- Sreedharan, O.M., see Arul Antony, S.
- Sreedharan, O.M., see Nawada, H.P.
- Sreedharan, O.M., see Subasri, R.
- Sreedharan, O.M., see Swaminathan, K.
- Sridharan, R., see Joseph, K.
- Srivatsava, D., see Bhanumurthy, K.
- 295 (2001) 179
- 299 (2001) 227
- 289 (2001) 194
- 283–287 (2000) 721
- 271&272 (1999) 128
- 275 (1999) 324
- 297 (2001) 231
- 299 (2001) 111
- 290–293 (2001) 518
- 290–293 (2001) 972
- 289 (2001) 247
- 281 (2000) 146
- 290–293 (2001) 1018
- 290–293 (2001) 696
- 290–293 (2001) 729
- 295 (2001) 189
- 273 (1999) 37
- 300 (2002) 237
- 275 (1999) 225
- 281 (2000) 129
- 297 (2001) 220
- Staebler, A., see Menhart, S.
- Stalios, A.D., see Bottomley, P.D.W.
- Stambaugh, R.D., see Allen, S.L.
- Stambaugh, R.D., see Mahdavi, M.A.
- Stamm, H., see Holzwarth, U.
- Stamm, H., see Holzwarth, U.
- Stamm, H., see Holzwarth, U.
- Stamm, H., U. Holzwarth, F. Lakestani, R. Valiev, V. Provenzano and A. Volcan, Thermomechanical characteristics of the low activation materials chromium and Cr-5Fe-1Y₂O₃ alloy
- Stamm, R., see Escarguel, A.
- Stammose, D., see Kashparov, V.A.
- Stamp, M., see Hillis, D.L.
- Stamp, M., see Strachan, J.D.
- Stamp, M.F., S.K. Erents, W. Fundamenski, G.F. Matthews and R.D. Monk, Chemical erosion yields and photon efficiency measurements in the JET gas box divertor
- Stamp, M.F., see Groth, M.
- Stamp, M.F., see Summers, D.D.R.
- Stanculescu, A., U. Kasemeyer, J.-M. Paratte and R. Chawla, Conceptual studies for pressurised water reactor cores employing plutonium–erbium–zirconium oxide inert matrix fuel assemblies
- Stanek, C.R. and R.W. Grimes, Comment on ‘Location of krypton atoms in uranium dioxide’ by T. Petit, G. Jomard, C. Lemaignan, B. Bigot and A. Pasturel
- Stangeby, P., see Watkins, J.G.
- Stangeby, P., see West, W.P.
- Stangeby, P.C., J.G. Watkins, G.D. Porter, J.D. Elder, S. Lisgo, D. Reiter, W.P. West and D.G. Whyte, Onion-skin method (OSM) analysis of DIII-D edge measurements
- Stangeby, P.C., see Allen, S.L.
- Stangeby, P.C., see Chankin, A.V.
- Stangeby, P.C., see Coad, J.P.
- Stangeby, P.C., see Fundamenski, W.
- Stangeby, P.C., see Haddad, E.
- Stangeby, P.C., see Mahdavi, M.A.
- Stanislawski, J., see Glazunov, G.P.
- Stankiewicz, R. and R. Zagórski, Self-consistent description of the core and boundary plasma in the high-field ignition experiment
- 290–293 (2001) 673
- 278 (2000) 136
- 290–293 (2001) 995
- 290–293 (2001) 905
- 279 (2000) 19
- 279 (2000) 31
- 300 (2002) 161
- 283–287 (2000) 597
- 290–293 (2001) 854
- 279 (2000) 225
- 290–293 (2001) 418
- 290–293 (2001) 972
- 290–293 (2001) 321
- 290–293 (2001) 867
- 290–293 (2001) 496
- 274 (1999) 146
- 282 (2000) 265
- 290–293 (2001) 778
- 290–293 (2001) 783
- 290–293 (2001) 733
- 290–293 (2001) 995
- 290–293 (2001) 518
- 290–293 (2001) 224
- 290–293 (2001) 593
- 278 (2000) 111
- 290–293 (2001) 905
- 290–293 (2001) 266
- 290–293 (2001) 738

- Stansfield, B.L., see Haddad, E.
- Stan-Sion, C., R. Behrisch, J.P.
- Coad, U. Kreißig, F. Kubo, V.
- Lazarev, S. Lindig, M. Mayer,
- E. Nolte, A. Peacock, L. Rohrer
- and J. Roth, Hydrogen isotope depth profiling in carbon samples from the erosion dominated inner vessel walls of JET
- Startceva, I.V., see Ojovan, M.I.
- Staudhammer, K.P., see Las-
- hley, J.C.
- Stein-Fechner, K., see Fazio, C.
- Stein-Fechner, K., see Glasbren-
- ner, H.
- Stein-Fechner, K., see Glasbren-
- ner, H.
- Stepanov, P.A., see Demenkov, P.V.
- Stepanov, P.A., see Plaskin, O.A.
- Stepanov, V.A. and V.M. Chernov,
- Radiation-induced processes and their influence on the functional properties of dielectrics for different types of irradiation
- Stepanov, V.A., see Demenkov, P.V.
- Stepanov, V.A., see Kishimoto, N.
- Stepanov, V.A., see Plaskin, O.A.
- Sterzenbach, G., see Hilscher, D.
- Stevens, A., see von Keudell, A.
- Steward, R.V., M.L. Grossbeck,
- B.A. Chin, H.A. Aglan and Y.
- Gan, Furnace brazing type 304 stainless steel to vanadium alloy (V–5Cr–5Ti)
- Steward, R.V., see Gan, Y.X.
- Stijkel, M.P., see Conrad, R.
- Stober, J., see Bürbamer, H.
- Stober, J., see Federici, G.
- Stoll, W., see Gong, W.L.
- Stoller, R.E. and A.F. Calder, Statistical analysis of a library of molecular dynamics cascade simulations in iron at 100 K
- Stoller, R.E. and S.J. Zinkle, On the relationship between uniaxial yield strength and resolved shear stress in polycrystalline materials
- Stoller, R.E., and L.R. Greenwood, Subcascade formation in displacement cascade simulations: Implications for fusion reactor materials
- Stoller, R.E., The role of cascade energy and temperature in primary defect formation in iron
- Stoller, R.E., see Alonso, E.
- Stoller, R.E., see Farrell, K.
- Stoller, R.E., see Gan, J.
- Stoller, R.E., see Katoh, Y.
- Stolyarova, V.G., see Guseva, M.I.
- Störk, H.B., see Ihde, J.
- 278 (2000) 111
- 290–293 (2001) 491
- 298 (2001) 174
- 274 (1999) 315
- 273 (1999) 233
- 283–287 (2000) 1302
- 283–287 (2000) 1332
- 297 (2001) 1
- 271&272 (1999) 496
- 283–287 (2000) 932
- 297 (2001) 1
- 283–287 (2000) 907
- 271&272 (1999) 496
- 296 (2001) 83
- 290–293 (2001) 231
- 283–287 (2000) 1224
- 299 (2001) 157
- 283–287 (2000) 1351
- 290–293 (2001) 571
- 290–293 (2001) 260
- 295 (2001) 295
- 283–287 (2000) 746
- 283–287 (2000) 349
- 271&272 (1999) 57
- 276 (2000) 22
- 283–287 (2000) 768
- 279 (2000) 77
- 299 (2001) 53
- 283–287 (2000) 313
- 290–293 (2001) 1069
- 290–293 (2001) 1180
- Stotler, D.P., C.S. Pitcher, C.J.
- Boswell, T.K. Chung, B.
- Bombard, B. Lipschultz, J.L.
- Terry and R.J. Kanzleiter,
- Modeling of Alcator C-Mod di-
- vertor baffling experiments
- Stotler, D.P., see Pitcher, C.S.
- Stott, P., see Yamamoto, S.
- Strachan, D.M., Glass dissolution:
- testing and modeling for long-
- term behavior
- Strachan, J.D., K. Erents, W. Fun-
- damentalski, M. von Hellermann,
- L. Horton, K. Lawson, G.
- McCracken, J. Spence, M. Stamp
- and K.-D. Zastrow, JET me-
- thane screening experiments
- Strain, R.V., see Sohn, Y.H.
- Stratton, B., see Kugel, H.W.
- Stratton, B., see Kugel, H.W.
- Stratton, R., see White, R.J.
- Strebkov, Yu., see Kapychev, V.
- Strebkov, Yu.S., see Kozlov, A.V.
- Strebkov, Yu.S., see Rodchenkov,
- B.S.
- Strizak, J.P., J.R. DiStefano, P.K.
- Liaw and H. Tian, The effect of
- mercury on the fatigue behavior
- of 316 LN stainless steel
- Stroud, R.M., see Regan, T.M.
- Strunnikov, V.N., see Guseva, M.I.
- Stubbins, J.F., J. Collins and J. Min,
- Evaluation of the deformation
- fields and bond integrity of Cu/
- SS joints
- Stubbins, J.F., see Giacobbe, M.J.
- Stubbins, J.F., see Li, M.
- Stubbins, J.F., see Singh, B.N.
- Stutman, D., see Kugel, H.W.
- Stutman, D., see Kugel, H.W.
- Subasri, R., T. Mathews, K. Swa-
- minathan and O.M. Sreedharan,
- Thermodynamic stability of Na₂-
- ZrO₃ using the solid electrolyte
- galvanic cell technique
- Subba, F. and R. Zanino, A 2D
- fluid model of the scrape-off
- layer (SOL) using adaptive un-
- structured finite volumes
- Suda, T., see Aoyagi, K.
- Suda, T., see Matsukawa, Y.
- Sudha, C., see Ananthasivan, K.
- Sudo, S., see Peterson, B.J.
- Sugai, H., see Itou, N.
- Sugai, H., see Yuya, H.
- Sugai, T., see Ueda, Y.
- Sugakov, V.I., see Chyrko, L.I.
- Sugano, R., see Kimura, A.
- Sugie, T., see Higashijima, S.
- Sugie, T., see Sakurai, S.
- Sugimoto, S., see Tamura, M.
- 290–293 (2001) 967
- 290–293 (2001) 812
- 283–287 (2000) 60
- 298 (2001) 69
- 290–293 (2001) 972
- 279 (2000) 317
- 290–293 (2001) 1185
- 300 (2002) 278
- 288 (2001) 43
- 283–287 (2000) 1429
- 283–287 (2000) 193
- 283–287 (2000) 1166
- 296 (2001) 225
- 300 (2002) 39
- 290–293 (2001) 1069
- 283–287 (2000) 982
- 281 (2000) 213
- 283–287 (2000) 977
- 275 (1999) 125
- 290–293 (2001) 1185
- 300 (2002) 278
- 300 (2002) 237
- 290–293 (2001) 743
- 283–287 (2000) 876
- 271&272 (1999) 106
- 300 (2002) 217
- 290–293 (2001) 930
- 290–293 (2001) 281
- 271&272 (1999) 7
- 282 (2000) 216
- 279 (2000) 162
- 283–287 (2000) 827
- 290–293 (2001) 623
- 290–293 (2001) 1002
- 283–287 (2000) 667

- Sugio, K., see Shimomura, Y.
- Sugisaki, M., see Isobe, K.
- Sugiyama, S., see Ohkubo, H.
- Sugiyama, S., H. Ohkubo, M. Takehara, K. Ohsawa, M.I. Ansari, N. Tsukuda and E. Kuramoto, The effect of electrical hydrogen charging on the strength of 316 stainless steel
- Summers, D.D.R., M.N.A. Beurskens, J.P. Coad, G. Counsell, W. Fundamenski, G.F. Matthews and M.F. Stamp, In situ measurement of hydrogen retention in JET carbon tiles
- Summers, H., see Menhart, S.
- Sun, D.D., see Qian, G.
- Sun, G.Y., see Behrisch, R.
- Sun, J., see Zhang, C.
- Sun, J.G., see Chen, C.Q.
- Sun, L.Z., see Ghoniem, N.M.
- Sun, L.Z., N.M. Ghoniem, S.-H. Tong and B.N. Singh, 3D dislocation dynamics study of plastic instability in irradiated copper
- Sun, Y., see Zhang, C.
- Sun, Y.M., see Wang, Z.G.
- Sundaresan, S., see Sireesha, M.
- Sunder, S. and N.H. Miller, XPS and XRD studies of $(\text{Th},\text{U})\text{O}_2$ fuel corrosion in water
- Sunder, S., R. McEachern and J.C. LeBlanc, High-temperature, Knudsen cell-mass spectroscopic studies on lanthanum oxide/uranium dioxide solid solutions
- Suri, A.K., see Ghosh, A.
- Suryanarayana, M.V., see Kumar, P.V.K.
- Suslov, D.N., see Risovany, V.D.
- Sutoh, C., see Sayano, A.
- Suyama, S., see Lee, S.P.
- Suyama, S., see Sayano, A.
- Suzawa, Y., see Une, K.
- Suzuki, A., see Terai, T.
- Suzuki, A., see Yokota, T.
- Suzuki, H., see Busnyuk, A.
- Suzuki, H., see Hirooka, Y.
- Suzuki, H., see Masuzaki, S.
- Suzuki, H., see Nakamura, Y.
- Suzuki, H., see Nakamura, Y.
- Suzuki, M., see Tobita, T.
- Suzuki, N., see Nakamura, Y.
- Suzuki, S., see Hatano, T.
- Suzuki, S., see Sato, K.
- Suzuki, T., A. Kohyama, T. Hirose and M. Narui, Evaluation of weld crack susceptibility for neutron irradiated stainless steels
- 271&272 (1999) 225
271&272 (1999) 326
283–287 (2000) 858
283–287 (2000) 863
290–293 (2001) 496
290–293 (2001) 673
299 (2001) 199
281 (2000) 42
283–287 (2000) 259
283–287 (2000) 1011
276 (2000) 166
283–287 (2000) 741
283–287 (2000) 259
271&272 (1999) 306
279 (2000) 65
279 (2000) 118
294 (2001) 59
299 (2001) 274
282 (2000) 255
281 (2000) 84
271&272 (1999) 467
289 (2001) 30
271&272 (1999) 467
278 (2000) 54
283–287 (2000) 1322
283–287 (2000) 1366
290–293 (2001) 57
290–293 (2001) 423
290–293 (2001) 12
278 (2000) 312
290–293 (2001) 1040
299 (2001) 267
278 (2000) 312
283–287 (2000) 685
283–287 (2000) 1157
271&272 (1999) 179
- Suzuki, T., see Nakamura, H.
- Suzuki, T., see Oya, Y.
- Suzuki, T., see Oya, Y.
- Suzuki, T., see Oya, Y.
- Suzuki, T., see Yuya, H.
- Suzuki, Y., see Nakajima, K.
- Suzuki, Y., see Serizawa, H.
- Suzuki, Y., see Shirai, O.
- Swaminathan, K. and O.M. Sreedharan, Determination of thermodynamic stability of CrSbO_4 using oxide solid electrolyte
- Swaminathan, K., see Subasri, R.
- Szczepanski, J., see Fütterer, M.A.
- Szenes, G., see Ungár, T.
- Szpunar, B., B.J. Lewis, V.I. Arimescu, R.S. Dickson and L.W. Dickson, Multi-component gas transport in the fuel-to-clad gap of candu fuel rods during severe accidents
- Szweda, A., see Jones, R.E.
- Tabarés, F.L., see de la Cal, E.
- Tabarés, F.L., D. Tafalla, B. Brañas, E. de la Cal, I. García-Cortés, T. Estrada, I. Pastor, J. Herranz, E. de la Luna and F. Medina, Density control and plasma edge characterisation of ECRH heated plasmas in the TJ-II stellarator
- Tabarés, F.L., see Tafalla, D.
- Tabasso, A., H. Maier, J. Roth, K. Krieger and ASDEX Upgrade Team, Studies of tungsten erosion at the inner and outer main chamber wall of the ASDEX Upgrade tokamak
- Tabasso, A., see Itami, K.
- Tachi, Y., see Tsuji, H.
- Tachi, Y., see Yano, T.
- Tachi, Y., see Yano, T.
- Tadokoro, T., K. Isobe, S. O'hira, W. Shu and M. Nishi, Depth profile of tritium in plasma exposed CX-2002U
- Tadokoro, T., see Nakayama, T.
- Tadokoro, T., see Oya, Y.
- Tafalla, D. and F.L. Tabarés, Wall conditioning and density control in the TJ-II stellarator
- Tafalla, D., see de la Cal, E.
- Tafalla, D., see Tabarés, F.L.
- Taglauer, E., see Langer, U.
- Taguchi, T., see Nogami, S.
- Taguchi, T., see Yamada, R.
- Tähtinen, S., see Jagodzinski, Yu.
- Tähtinen, S., A. Laukkonen and B.N. Singh, Damage mechanisms and fracture toughness of
- 297 (2001) 285
275 (1999) 186
278 (2000) 48
290–293 (2001) 469
271&272 (1999) 7
275 (1999) 332
280 (2000) 99
277 (2000) 226
275 (1999) 225
300 (2002) 237
283–287 (2000) 1375
276 (2000) 278
294 (2001) 315
283–287 (2000) 556
290–293 (2001) 579
290–293 (2001) 748
271&272 (1999) 486
283–287 (2000) 947
289 (2001) 102
290–293 (2001) 326
290–293 (2001) 633
271&272 (1999) 491
283–287 (2000) 748
275 (1999) 474
283–287 (2000) 1048
271&272 (1999) 491
290–293 (2001) 469
290–293 (2001) 1195
290–293 (2001) 579
290–293 (2001) 748
290–293 (2001) 658
283–287 (2000) 268
283–287 (2000) 574
275 (1999) 47

- GlidCop® CuAl25 IG0 copper alloy 283–287 (2000) 1028
- Tähtinen, S., B.N. Singh and P. Toft, Effect of neutron irradiation on mechanical properties of Cu/SS joints after single and multiple HIP cycles 283–287 (2000) 1238
- Tähtinen, S., Y. Jagodzinski, O. Tarasenko, S. Smuk and H. Hänninen, Application of the internal friction method to studying microstructural effects in fusion materials 283–287 (2000) 255
- Takagi, I., Y. Koga, H. Fujita and K. Higashi, Influence of hydrogen surface coverage on atomic particle reflection 290–293 (2001) 501
- Takahashi, H., see Kanda, H. 271&272 (1999) 311
- Takahashi, H., see Nagasaka, T. 283–287 (2000) 816
- Takahashi, H., see Saito, S. 283–287 (2000) 593
- Takahashi, H., see Watanabe, S. 271&272 (1999) 184
- Takahashi, H., see Watanabe, S. 283–287 (2000) 152
- Takahashi, H., see Yamashita, S. 283–287 (2000) 647
- Takahashi, K., see Fukumoto, K.-i. 283–287 (2000) 535
- Takahashi, R., see Mitamura, T. 271&272 (1999) 15
- Takahashi, T., see Tanifushi, T. 283–287 (2000) 1419
- Takahiro, K., see Fukumoto, K.-i. 283–287 (2000) 535
- Takahiro, K., see Mitamura, T. 271&272 (1999) 21
- Takahiro, K., see Nagata, S. 283–287 (2000) 1038
- Takahiro, K., see Nagata, S. 290–293 (2001) 135
- Takamatsu, Y., see Watanabe, S. 283–287 (2000) 152
- Takamura, S., see Nishijima, D. 290–293 (2001) 688
- Takamura, S., see Ohno, N. 290–293 (2001) 299
- Takamura, S., see Uesugi, Y. 290–293 (2001) 1134
- Takano, H., see Akie, H. 274 (1999) 139
- Takano, H., see Kimura, H. 274 (1999) 197
- Takano, H., see Nakano, Y. 274 (1999) 127
- Takano, H., see Okonogi, K. 274 (1999) 167
- Takano, H., see Yamashita, T. 274 (1999) 98
- Takano, M., A. Itoh, M. Akabori, T. Ogawa, M. Numata and H. Okamoto, Carbothermic synthesis of (Cm,Pu)N 294 (2001) 24
- Takao, Y., see Tokunaga, K. 283–287 (2000) 1121
- Takechi, M., see Peterson, B.J. 290–293 (2001) 930
- Takeda, K., see Yamanaka, S. 294 (2001) 94
- Takeiri, Y., see Masuzaki, S. 290–293 (2001) 12
- Takeiri, Y., see Nakamura, Y. 290–293 (2001) 1040
- Takeiri, Y., see Peterson, B.J. 290–293 (2001) 930
- Takeishi, T., see Nishikawa, M. 277 (2000) 99
- Takenaga, A., see Sakurai, S. 290–293 (2001) 1002
- Takenaga, H., see Sakasai, A. 290–293 (2001) 957
- Takenaka, M., see Ohkubo, H. 283–287 (2000) 858
- Takenaka, M., see Onitsuka, T. 283–287 (2000) 922
- Takenaka, M., see Sugiyama, S. 283–287 (2000) 863
- Takeuchi, M., S. Muto, T. Tanabe, H. Kurata and K. Hojou, Structural change in graphite under electron irradiation at low temperatures 271&272 (1999) 280
- Takeuchi, M., see Muto, S. 271&272 (1999) 285
- Takida, T., see Kitsunai, Y. 271&272 (1999) 423
- Takiyama, K., T. Oda and K. Sato, Spectroscopic measurement of biasing effect on sheath electric field distribution in front of a metal plate inserted in a plasma flow 290–293 (2001) 976
- Takizuka, T., M. Hosokawa and K. Shimizu, Particle simulation of detached plasma in the presence of diffusive particle loss and radiative energy loss 290–293 (2001) 753
- Tamai, H., see Asakura, N. 290–293 (2001) 825
- Tamai, H., see Higashijima, S. 290–293 (2001) 623
- Tamai, H., see Sakasai, A. 290–293 (2001) 957
- Tamai, H., see Sakurai, S. 290–293 (2001) 1002
- Tamura, M., K. Shinozuka, H. Esaka, S. Sugimoto, K. Ishizawa and K. Masamura, Mechanical properties of 8Cr–2WVTa steel aged for 30 000 h 283–287 (2000) 667
- Tanabe, T., M. Wada, T. Ohgo, V. Philipp, M. Rubel, A. Huber, J. von Seggern, K. Ohya, A. Pospieszczyk, B. Schweer and TEXTOR team, Application of tungsten for plasma limiters in TEXTOR 283–287 (2000) 1128
- Tanabe, T., see Fujitsuka, M. 283–287 (2000) 1148
- Tanabe, T., see Huber, A. 290–293 (2001) 276
- Tanabe, T., see Ii, T. 283–287 (2000) 898
- Tanabe, T., see Kizu, K. 289 (2001) 291
- Tanabe, T., see Matsui, T. 283–287 (2000) 1139
- Tanabe, T., see Matsuyama, M. 290–293 (2001) 437
- Tanabe, T., see Meshakin, V.I. 297 (2001) 149
- Tanabe, T., see Miyasaka, K. 290–293 (2001) 448
- Tanabe, T., see Muto, S. 271&272 (1999) 285
- Tanabe, T., see Muto, S. 283–287 (2000) 917
- Tanabe, T., see Muto, S. 290–293 (2001) 131
- Tanabe, T., see Muto, S. 290–293 (2001) 295
- Tanabe, T., see Muto, S. 295 (2001) 300
- Tanabe, T., see Nagasaka, T. 283–287 (2000) 816
- Tanabe, T., see Ohya, K. 283–287 (2000) 1182
- Tanabe, T., see Ohya, K. 290–293 (2001) 303
- Tanabe, T., see Pospieszczyk, A. 290–293 (2001) 947
- Tanabe, T., see Rubel, M. 283–287 (2000) 1089
- Tanabe, T., see Shimada, K. 290–293 (2001) 478
- Tanabe, T., see Song, M. 271&272 (1999) 200
- Tanabe, T., see Takeuchi, M. 271&272 (1999) 280
- Tanabe, T., see Wada, M. 290–293 (2001) 768
- Tanaka, K., see Masuzaki, S. 290–293 (2001) 12
- Tanaka, K., see Peterson, B.J. 290–293 (2001) 930
- Tanaka, R., see Sekimura, N. 271&272 (1999) 68
- Tanaka, S., M. Taniguchi and H. Tanigawa, XPS and UPS studies on electronic structure of Li₂O 283–287 (2000) 1405
- Tanaka, S., R. Matera, G. Kalinin, V. Barabash and K. Mohri, ITER Materials R&D Data Bank 271&272 (1999) 478
- Tanaka, S., see Ishitsuka, E. 283–287 (2000) 1401

- Tanaka, S., see Kobayashi, K.
- Tanaka, S., see Moritani, K.
- Tanaka, S., see Nishimura, H.
- Tanaka, S., see Xiao, B.
- Tang, B., see Luo, S.
- Tang, X., see Yu, J.
- Tanifushi, T., D. Yamaki, T. Takahashi and A. Iwamoto, Tritium release from neutron-irradiated Li_2O sintered pellets: porosity dependence
- Tanigawa, H., M. Ando, Y. Katoh, T. Hirose, H. Sakasegawa, S. Jitsukawa, A. Kohyama and T. Iwai, Response of reduced activation ferritic steels to high-fluence ion-irradiation
- Tanigawa, H., S. Jitsukawa, A. Hishinuma, M. Ando, Y. Katoh, A. Kohyama and T. Iwai, Effects of helium implantation on hardness of pure iron and a reduced activation ferritic-martensitic steel
- Tanigawa, H., see Ando, M.
- Tanigawa, H., see Ando, M.
- Tanigawa, H., see Hirose, T.
- Tanigawa, H., see Katoh, Y.
- Tanigawa, H., see Tanaka, S.
- Taniguchi, M., see Sato, K.
- Taniguchi, M., see Tanaka, S.
- Tarasenko, A., see Jagodzinski, Yu.
- Tarasenko, O., see Tähtinen, S.
- Taxil, P., see Serrano, K.
- Tay, J.H., see Qian, G.
- Taylor, D.F., Erratum to ‘Microstructural aspects of Zircaloy nodular corrosion in steam’ [J. Nucl. Mater. 277 (2000) 295–314]
- Taylor, D.F., Microstructural aspects of Zircaloy nodular corrosion in steam
- Taylor, N.P., C.B.A. Forty, D.A. Pettit and K.A. McCarthy, The impact of materials selection on long-term activation in fusion power plants
- Taylor, P., see Dubourg, R.
- Tazhibaeva, I.L., see Ilyin, A.M.
- Tazhibaeva, I.L., see Ilyin, A.M.
- Tazhibaeva, I.L., see Kulsartov, T.V.
- Tchuikova, G.N., see Ojovan, M.I.
- The TCV Team, see Pitts, R.A.
- Tebus, V., L. Rivkis, G. Arutunova, E. Dmitrievsky, V. Filin, Y. Golikov, V. Krivova and V. Kapychev, Investigation of palladium alloy properties degradation during long-time tritium exposure
- 290–293 (2001) 648
281 (2000) 106
283–287 (2000) 1326
290–293 (2001) 793
298 (2001) 180
283–287 (2000) 1077
- 283–287 (2000) 1419
- 297 (2001) 279
- 283–287 (2000) 470
271&272 (1999) 111
283–287 (2000) 423
283–287 (2000) 1018
271&272 (1999) 115
283–287 (2000) 1405
283–287 (2000) 1157
283–287 (2000) 1405
275 (1999) 47
283–287 (2000) 255
282 (2000) 137
299 (2001) 199
- 279 (2000) 372
- 277 (2000) 295
- 283–287 (2000) 28
294 (2001) 32
283–287 (2000) 161
283–287 (2000) 694
- 283–287 (2000) 872
298 (2001) 174
290–293 (2001) 940
- 271&272 (1999) 345
- Tebus, V., see Kapychev, V.
- Techer, I., T. Advocat, J. Lancelot and J.-M. Liotard, Basaltic glass: alteration mechanisms and analogy with nuclear waste glasses
- Tel, H., M. Bülbül, M. Eral and Y. Altaş, Preparation and characterization of uranyl oxalate powders
- Tel, H., see Altaş, Y.
- Tel, H., see Altas, Y.
- Telesca, G., see Valisa, M.
- Terai, T., A. Suzuki, T. Yoneoka and T. Mitsuyama, Compatibility of AlN with liquid lithium
- Terai, T., see Ishitsuka, E.
- Terai, T., see N. Luo, G.
- Terai, T., see Nishimura, H.
- Terai, T., see Yokota, T.
- Terao, K., see Arita, Y.
- Terao, K., see Nishi, Y.
- Terasawa, M., see Liu, L.
- Terasawa, M., see Mitamura, T.
- Terazawa, N., see Kawatsura, K.
- Tereshin, V.I., see Glazunov, G.P.
- Tereshkin, V.I., see Richter, D.
- Terrance, A.L.E., see Ananthasivan, K.
- Terranova, D., see Spizzo, G.
- Terreault, B., see Ennaceur, M.M.
- Terry, J.L., R. Maqueda, C.S. Pitcher, S.J. Zweben, B. LaBombard, E.S. Marmar, A.Yu. Pigarov and G. Wurden, Visible imaging of turbulence in the SOL of the Alcator C-Mod tokamak
- Terry, J.L., see Boivin, R.L.
- Terry, J.L., see Boswell, C.J.
- Terry, J.L., see Pitcher, C.S.
- Terry, J.L., see Stotler, D.P.
- Terryn, H., see Van den Berghe, S.
- Teshigawara, M., see Tsuchiya, B.
- TEXTOR team, see Tanabe, T.
- The ITER Teams, see Kalinin, G.
- Thevuthasan, S., see Begg, B.D.
- Thevuthasan, S., see Begg, B.D.
- Thevuthasan, S., see Jiang, W.
- Thevuthasan, S., see Shutthanandan, V.
- Thevuthasan, S., W. Jiang, V. Shutthanandan and W.J. Weber, Accumulation and thermal recovery of disorder in Au^{2+} -irradiated SrTiO_3
- Thiébaut, S., B. Décamps, J.M. Pépin, B. Limacher and A. Percheron Guégan, TEM study of the aging of palladium-based alloys during tritium storage
- 283–287 (2000) 1429
- 282 (2000) 40
- 275 (1999) 146
294 (2001) 344
298 (2001) 316
290–293 (2001) 980
- 283–287 (2000) 1322
283–287 (2000) 1401
290–293 (2001) 116
283–287 (2000) 1326
283–287 (2000) 1366
294 (2001) 206
294 (2001) 209
278 (2000) 30
- 271&272 (1999) 21
271&272 (1999) 11
290–293 (2001) 266
280 (2000) 33
- 300 (2002) 217
- 290–293 (2001) 1018
- 290–293 (2001) 757
- 290–293 (2001) 542
- 290–293 (2001) 556
- 290–293 (2001) 812
- 290–293 (2001) 967
- 277 (2000) 28
- 289 (2001) 329
- 283–287 (2000) 1128
- 283–287 (2000) 10
- 288 (2001) 208
- 289 (2001) 188
- 289 (2001) 96
- 289 (2001) 128
- 289 (2001) 204
- 277 (2000) 217

- Thibault, L.-G., see Boucher, C.
 Thibault, X., see Bourgoin, J.
 Thibault, Y., see Burns, P.C.
 Thied, R.C., see Volkovich, V.A.
 Thomas Paul, V., see Vijaya-lakshmi, M.
 Thomas, A.C., N. Dacheux, P. Le Coustumer, V. Brandel and M. Genet, Kinetic and thermodynamic study of the thorium phosphate-diphosphate dissolution
 Thomas, A.C., N. Dacheux, P. Le Coustumer, V. Brandel and M. Genet, Kinetic and thermodynamic studies of the dissolution of thorium–uranium (IV) phosphate-diphosphate solid solutions
 Thomas, B., see Zhang, Y.
 Thomas, D.M., see Petrie, T.W.
 Thomas, L.E., see Sencer, B.H.
 Thomas, M.E., see Regan, T.M.
 Thomassin, J.H., see Chaulet, D.
 Thomé, L., see Gentils, A.
 Thomsen, H., see García-Cortés, I.
 Thomson, R.W., see Johnson, P.B.
 Tian, H., see Strizak, J.P.
 Tian, Y., see Sagaradze, V.V.
 Tichmann, Ch., see Pautasso, G.
 Tilky, P., see Varga, K.
 Tishchenko, V., see Hilscher, D.
 Titov, V., see Burtseva, T.
 Titov, V.A., see Litunovsky, V.N.
 Tivey, R., see Arkhipov, I.I.
 Tivey, R., see Barabash, V.
 Tivey, R., see Federici, G.
 Tivey, R., see Ioki, K.
 Tivey, R., see Kalinin, G.
 Tivey, R., see Merola, M.
 TJ-II Team, see de la Cal, E.
 Tobita, T., M. Suzuki, A. Iwase and K. Aizawa, Hardening of Fe–Cu alloys at elevated temperatures by electron and neutron irradiations
 Toci, F., see Malara, C.
 Toffolon, C., see Dupin, N.
 Toft, P., see Singh, B.N.
 Toft, P., see Tähtinen, S.
 Toi, K., see Peterson, B.J.
 Tokar, M.Z., see Rapp, J.
 Tokunaga, K., see Hirai, T.
 Tokunaga, K., see Hirai, T.
 Tokunaga, K., see Yoshida, N.
 Tokunaga, K., T. Matsubara, Y. Miyamoto, Y. Takao, N. Yoshida, N. Noda, Y. Kubota, T.
- 290–293 (2001) 561
 275 (1999) 296
 278 (2000) 290
 282 (2000) 152
 279 (2000) 293
 281 (2000) 91
 295 (2001) 249
 289 (2001) 254
 290–293 (2001) 935
 283–287 (2000) 324
 300 (2002) 47
 298 (2001) 192
 300 (2002) 266
 290–293 (2001) 604
 273 (1999) 117
 296 (2001) 225
 295 (2001) 265
 290–293 (2001) 1045
 298 (2001) 231
 296 (2001) 83
 290–293 (2001) 1059
 290–293 (2001) 1112
 290–293 (2001) 394
 283–287 (2000) 1248
 283–287 (2000) 110
 283–287 (2000) 957
 283–287 (2000) 10
 283–287 (2000) 1068
 290–293 (2001) 579
 299 (2001) 267
 273 (1999) 203
 275 (1999) 287
 271&272 (1999) 97
 275 (1999) 125
 295 (2001) 1
 299 (2001) 205
 283–287 (2000) 1238
 290–293 (2001) 930
 290–293 (2001) 1148
 283–287 (2000) 1177
 290–293 (2001) 94
 290–293 (2001) 1030
 290–293 (2001) 153
 290–293 (2001) 1180
 290–293 (2001) 281
 290–293 (2001) 696
 290–293 (2001) 729
- Sogabe, T. Kato and L. Plöchl, Changes of composition and microstructure of joint interface of tungsten coated carbon by high heat flux
 Tokuzawa, T., see Masuzaki, S.
 Tokuzawa, T., see Peterson, B.J.
 Tolmachev, Yu.N., see Gorodetsky, A.E.
 Toloczko, M.B., J.P. Hirth and F.A. Garner, Application of generalized deformation theory to irradiation creep of fcc and bcc stainless steels
 Toloczko, M.B., M.L. Hamilton and G.E. Lucas, Ductility correlations between shear punch and uniaxial tensile test data
 Toloczko, M.B., see Garner, F.A.
 Toloczko, M.B., see Hamilton, M.L.
 Toloczko, M.B., see Hamilton, M.L.
 Tomashuk, A.L., see Demenkov, P.V.
 Tomita, T., see Minato, K.
 Tong, S.-H., see Sun, L.Z.
 Tong, X.D., see Gao, X.
 Topchishvili, L.S., and A.I. Naskidashvili, Critical current in NbTi wires irradiated by neutrons at 20 K
 Topchishvili, L.S., and T.Sh. Kvirkashvili, Superconducting transition in Nb₃Ge irradiated by neutrons in the superconducting state
 Toporkov, D., see Safronov, V.
 Toporkov, D., see Scaffidi-Argentina, F.
 Tore Supra Team, see Ghendrih, Ph.
 Torres, C., see Gómez Briceño, D.
 Torres, E.P., see Aoyagi, K.
 Toscano, E., see Konings, R.J.M.
 Toscano, E.H., see Goll, W.
 Toscano, E.H., see Serrano, J.A.
 Totemeier, T.C., Characterization of uranium corrosion products involved in a uranium hydride pyrophoric event
 Tournier, J.-M., see El-Genk, M.S.
 Töwe, M., P. Reinke and P. Oelhafen, Reactivity of lithium-containing amorphous carbon (a-C) films
 Toyoda, H., see Ihde, J.
 Toyoda, H., see Itou, N.
 Tramontin, L., see Puiatti, M.E.
 Tramontin, L., see Spolaore, M.
- 283–287 (2000) 1121
 290–293 (2001) 12
 290–293 (2001) 930
 290–293 (2001) 271
 283–287 (2000) 409
 283–287 (2000) 987
 276 (2000) 123
 283–287 (2000) 380
 283–287 (2000) 418
 283–287 (2000) 488
 297 (2001) 1
 279 (2000) 181
 283–287 (2000) 741
 279 (2000) 330
 271&272 (1999) 505
 271&272 (1999) 502
 290–293 (2001) 1052
 283–287 (2000) 1111
 290–293 (2001) 798
 296 (2001) 265
 283–287 (2000) 876
 282 (2000) 159
 289 (2001) 247
 294 (2001) 339
 278 (2000) 301
 280 (2000) 1
 290–293 (2001) 153
 290–293 (2001) 1180
 290–293 (2001) 281
 290–293 (2001) 696
 290–293 (2001) 729

- Trester, P.W., see Bray, T.S.
- Trester, P.W., see Johnson, W.R.
- Treutterer, W., see Herrmann, A.
- TRIAM group, see Hirai, T.
- TRIAM Group, see Hirai, T.
- TRIAM Group, see Yoshida, N.
- Tribaldos, V., see de la Cal, E.
- Trifonov, N.N., see Kurnaev, V.A.
- Trinkaus, H. and H. Ullmaier, Does pulsing in spallation neutron sources affect radiation damage?
- Trinkaus, H., B.N. Singh and S.I. Golubov, Progress in modelling the microstructural evolution in metals under cascade damage conditions
- Trinkaus, H., see Golubov, S.I.
- Trivedi, D.P., see Abraites, P.K.
- Trivedi, D.P., see Abraites, P.K.
- Trocellier, P., see Bois, L.
- Trocellier, P., see Bois, L.
- Trocellier, P., see Bois, L.
- Trocellier, P., see Guilbert, S.
- Truc, A., see Devynck, P.
- Trybus, C.L., see Allen, T.R.
- Tsai, H., see Bray, T.S.
- Tsai, H., see Fukumoto, K.-i.
- Tsai, H., see Gomes, I.C.
- Tsai, H., see Johnson, W.R.
- Tsai, H., T.S. Bray, H. Matsui, M.L. Grossbeck, K. Fukumoto, J. Gazda, M.C. Billone and D.L. Smith, Effects of low-temperature neutron irradiation on mechanical properties of vanadium-base alloys
- Tsai, W.-T. and T.-F. Wu, Pitting corrosion of Alloy 690 in thiosulfate-containing chloride solutions
- Tsai, W.-T., see Wu, T.-F.
- Tsitrone, E., P. Chappuis, Y. Corre, E. Gauthier, A. Grosman and J.Y. Pascal, Net erosion measurements on plasma facing components of Tore Supra
- Tsitrone, E., see Chappuis, Ph.
- Tsitrone, E., see Corre, Y.
- Tsitrone, E., see Mitteau, R.
- Tsou, K.L., see Kowbel, W.
- Tsubakino, H., see Liu, L.
- Tsuchiya, B., J. Huang, K. Konashi, M. Teshigawara and M. Yamawaki, Thermophysical properties of zirconium hydride and uranium-zirconium hydride
- Tsuchiya, B., see Fujitsuka, M.
- Tsuchiya, B., see Horikawa, T.
- Tsuchiya, B., see Huang, J.
- Tsuchiya, K. and H. Kawamura, Development of wet process
- 283–287 (2000) 633
283–287 (2000) 622
290–293 (2001) 619
283–287 (2000) 1177
290–293 (2001) 94
290–293 (2001) 1030
290–293 (2001) 579
290–293 (2001) 112
296 (2001) 101
283–287 (2000) 89
276 (2000) 78
280 (2000) 196
280 (2000) 206
277 (2000) 57
297 (2001) 129
300 (2002) 141
282 (2000) 75
290–293 (2001) 584
282 (2000) 171
283–287 (2000) 633
283–287 (2000) 492
271&272 (1999) 349
283–287 (2000) 622
283–287 (2000) 362
277 (2000) 169
295 (2001) 233
290–293 (2001) 331
290–293 (2001) 245
290–293 (2001) 250
290–293 (2001) 1036
283–287 (2000) 570
278 (2000) 30
289 (2001) 329
283–287 (2000) 1148
290–293 (2001) 428
294 (2001) 154
- with substitution reaction for the mass production of Li_2TiO_3 pebbles
- Tsuchiya, K., H. Kawamura and G. Kalinin, Re-weldability tests of irradiated austenitic stainless steel by a TIG welding method
- Tsuji, H., N. Yokoyama, M. Fujita, Y. Kurihara, S. Kano, Y. Tachi, K. Shimura, R. Nakajima and S. Iwata, Present status of Data-Free-Way (distributed database system for advanced nuclear materials)
- Tsuji, H., see Ioka, I.
- Tsuji, H., see Kurata, Y.
- Tsuji, H., see Matsui, Y.
- Tsuji, H., see Miwa, Y.
- Tsuji, T., see Nakajima, N.
- Tsukada, T., see Miwa, Y.
- Tsukada, T., see Niimi, M.
- Tsukuda, N., see Ohkubo, H.
- Tsukuda, N., see Onitsuka, T.
- Tsukuda, N., see Sugiyama, S.
- Tsutsumi, T., see Kuramoto, E.
- Tsutsumi, T., see Kuramoto, E.
- Tsuzuki, K., M. Sato, H. Kawashima, Y. Miura, H. Kimura, T. Abe, K. Uehara, T. Ogawa, T. Akiyama, T. Shibata, M. Yamamoto and T. Koike, Ripple reduction and surface coating tests with ferritic steel on JFT-2M
- Tsuzuki, K., see Masuzaki, S.
- Turkin, A.A., see Dubinko, V.I.
- Turkin, A.A., see Dubinko, V.I.
- Tyagi, A.K. and M.D. Mathews, Thermal expansion of ThO_2 –2 wt% UO_2 by HT-XRD
- Tyagi, A.K., M.D. Mathews and R. Ramachandran, Solubility limits and bulk thermal expansion of $\text{ThO}_2\text{M}^{n+}$ ($\text{M} = \text{Y}^{3+}$, Sr^{2+} and Ba^{2+})
- Tyagi, A.K., see Dash, S.
- Tyagi, A.K., see Dash, S.
- Tyagi, A.K., see Mathews, M.D.
- Tyagi, A.K., see Mathews, M.D.
- Tyagi, A.K., see Purohit, R.D.
- Tyagi, A.K., see Purohit, R.D.
- Tynan, G.R., see Doerner, R.P.
- Uchida, H., see Mitamura, T.
- Uchida, S., see Inoue, N.
- Uda, M., see Sato, K.
- Ueda, S., T. Ohsaka and S. Kuwajima, Sputtering studies of beryllium with helium and deuterium using molecular dynamics approach
- 283–287 (2000) 1380
283–287 (2000) 1210
271&272 (1999) 486
283–287 (2000) 440
283–287 (2000) 386
283–287 (2000) 997
271&272 (1999) 316
294 (2001) 188
271&272 (1999) 316
271&272 (1999) 92
283–287 (2000) 858
283–287 (2000) 922
283–287 (2000) 863
271&272 (1999) 26
283–287 (2000) 778
283–287 (2000) 681
290–293 (2001) 12
277 (2000) 184
289 (2001) 86
278 (2000) 123
294 (2001) 198
278 (2000) 173
295 (2001) 281
280 (2000) 246
288 (2001) 83
280 (2000) 51
288 (2001) 7
290–293 (2001) 166
271&272 (1999) 21
283–287 (2000) 1187
283–287 (2000) 1157
283–287 (2000) 1100

- Ueda, T., see Harano, H.

Ueda, Y., T. Sugai, Y. Ohtsuka and M. Nishikawa, Mechanism of chemical sputtering of graphite under high flux deuterium bombardment

Uehara, K., see Tsuzuki, K.

Uehira, A., S. Mizuta, S. Ukai and R.J. Puigh, Irradiation creep of 11Cr–0.5Mo–2W, V, Nb ferritic–martensitic, modified 316, and 15Cr–20Ni austenitic S.S. irradiated in FFTF to 103–206 dpa

Uesaka, M., see Harano, H.

Uesugi, Y., N. Hattori, D. Nishijima, N. Ohno and S. Takamura, Dynamic behavior of detached recombining plasmas during ELM-like plasma heat pulses in the divertor plasma simulator NAGDIS-II

Ukai, S., S. Mizuta, T. Kaito and H. Okada, In-reactor creep rupture properties of 20% CW modified 316 stainless steel

Ukai, S., S. Mizuta, T. Yoshitake, T. Okuda, M. Fujiwara, S. Hagi and T. Kobayashi, Tube manufacturing and characterization of oxide dispersion strengthened ferritic steels

Ukai, S., see Akasaka, N.

Ukai, S., see Akasaka, N.

Ukai, S., see Miyaji, N.

Ukai, S., see Uehira, A.

Ukai, S., see Yamashita, S.

Ulbricht, A., see Böhmert, J.

Ullmaier, H., see Bauer, G.S.

Ullmaier, H., see Chen, J.

Ullmaier, H., see Chen, J.

Ullmaier, H., see Dai, Y.

Ullmaier, H., see Farrell, K.

Ullmaier, H., see James, M.R.

Ullmaier, H., see Rauh, H.

Ullmaier, H., see Trinkaus, H.

Ullrich, W., see Bosch, H.-S.

Ullrich, W., see Coster, D.P.

Ullrich, W., see Pugno, R.

Ullrich, W., see Reiser, D.

Une, K., K. Nogita, T. Shiratori and K. Hayashi, Rim structure formation of isothermally irradiated UO_2 fuel discs

Une, K., M. Hirai, K. Nogita, T. Hosokawa, Y. Suzawa, S. Shimizu and Y. Etoh, Rim structure formation and high burnup fuel behavior of large-grained UO_2 fuels

Une, K., see Amaya, M.

Une, K., see Minato, K.

280 (2000) 255

282 (2000) 216

283–287 (2000) 681

283–287 (2000) 396

280 (2000) 255

290–293 (2001) 1134

278 (2000) 320

283–287 (2000) 702

271&272 (1999) 370

283–287 (2000) 169

271&272 (1999) 173

283–287 (2000) 396

283–287 (2000) 647

297 (2001) 251

296 (2001) 321

275 (1999) 115

298 (2001) 248

276 (2000) 289

279 (2000) 77

296 (2001) 139

295 (2001) 109

296 (2001) 101

290–293 (2001) 836

290–293 (2001) 845

290–293 (2001) 308

290–293 (2001) 953

288 (2001) 20

278 (2000) 54

294 (2001) 1

288 (2001) 57

Une, K., see Nogita, K.

Ungár, T., M. Victoria, P. Marmy, P. Hanák and G. Szenes, A new procedure of X-ray line profile analysis applied to study the dislocation structure and sub-grain size-distributions in fatigued MANET steel

Unholzer, S., see Richter, D.

Uno, M., M. Shinohara, K. Kurosaki and S. Yamanaka, Some properties of a lead vanado-iodoapatite $\text{Pb}_{10}(\text{VO}_4)_6\text{I}_2$

Uno, M., see Kurosaki, K.

Uno, M., see Kurosaki, K.

Uno, M., see Kurosaki, K.

Uno, M., see Yamanaka, S.

Uno, M., see Yamanaka, S.

Uno, S., see Ohno, N.

Uozumi, K., see Iizuka, M.

Upadhyaya, D.D., see Ghosh, A.

Usami, T., M. Kurata, T. Inoue, H.E. Sims, S.A. Beetham and J.A. Jenkins, Pyrochemical reduction of uranium dioxide and plutonium dioxide by lithium metal

Utin, Y., see Ioki, K.

Uyama, T., see Ogawa, T.

Uz, M., see Natesan, K.

Vacik, J., H. Naramoto, J. Cervena, V. Hnatowicz, I. Peka and D. Fink, Absorption of molten fluoride salts in glassy carbon, pyrographite and Hastelloy B

Vainonen-Ahlgren, E., T. Ahlgren, L. Khriachtchev, J. Likonen, S. Lehto, J. Keinonen and C.H. Wu, Silicon diffusion in amorphous carbon films

Vainshtein, D.I., see Dubinko, V.I.

Vainshtein, D.I., see Dubinko, V.I.

Valcke, E., see Van Iseghem, P.

Valdez, J.A., see Sickafus, K.E.

Valentini, R., see Beghini, M.

Valiev, R., see Stamm, H.

Valisa, M., R. Bartiromo, D. Bettella, L. Carraro, S. Costa, P. Martin, S. Martini, R. Pasqualotto, M.E. Puiatti, P. Scarin, F. Sattin, G. Telesca, P. Zanca, B. Zaniol and RFX Team, Issues in the plasma wall interactions in RFX

Valisa, M., see Puiatti, M.E.

Valisa, M., see Zanca, P.

Vallet, J.C., R. Reichle, M. Chantant, V. Basiuk and R. Mitteau, Active cooling, calorimetry and energy balance in Tore Supra

273 (1999) 302

276 (2000) 278

283–287 (2000) 1434

294 (2001) 119

294 (2001) 160

294 (2001) 179

294 (2001) 193

294 (2001) 94

294 (2001) 99

290–293 (2001) 299

299 (2001) 32

299 (2001) 274

300 (2002) 15

283–287 (2000) 957

290–293 (2001) 454

283–287 (2000) 1277

289 (2001) 308

290–293 (2001) 216

277 (2000) 184

289 (2001) 86

298 (2001) 86

274 (1999) 66

288 (2001) 1

283–287 (2000) 597

290–293 (2001) 980

290–293 (2001) 696

290–293 (2001) 990

290–293 (2001) 1023

- Vallet, J.C., see Costanzo, L. 290–293 (2001) 840
 Vallet, J.-C., see Ghendrih, Ph. 290–293 (2001) 798
 Vallet, J.C., see Grisolia, C. 275 (1999) 95
 Vallet, J.C., see Hogan, J. 290–293 (2001) 628
 Vallet, J.C., see Laugier, F. 290–293 (2001) 892
 Vallet, J.C., see Monier-Garbé, P. 290–293 (2001) 925
 Valli, M., see Coppola, R. 283–287 (2000) 183
 Valot, Ch., see Pétigny, N. 280 (2000) 318
 Valsaque, F. and G. Manfredi, Numerical study of plasma-wall transition in an oblique magnetic field 290–293 (2001) 763
 Van den Berghe, S., F. Miserque, T. Gouder, B. Gaudreau and M. Verwerft, X-ray photoelectron spectroscopy on uranium oxides: a comparison between bulk and thin layers 294 (2001) 168
 Van den Berghe, S., J.-P. Laval, B. Gaudreau, H. Terryn and M. Verwerft, XPS investigations on cesium uranates: mixed valency behaviour of uranium 277 (2000) 28
 van der Laan, J., see Lulewicz, J.D. 283–287 (2000) 1361
 van der Laan, J.G., and R.P. Muis, Properties of lithium metatitanate pebbles produced by a wet process 271&272 (1999) 401
 van der Laan, J.G., H. Kawamura, N. Roux and D. Yamaki, Ceramic breeder research and development: progress and focus 283–287 (2000) 99
 van der Laan, J.G., see Conrad, R. 283–287 (2000) 1351
 van der Laan, R.R., see Burghartz, M. 288 (2001) 233
 van der Laan, R.R., see Konings, R.J.M. 274 (1999) 84
 van der Schaaf, B., D.S. Gelles, S. Jitsukawa, A. Kimura, R.L. Klueh, A. Moeslang and G.R. Odette, Progress and critical issues of reduced activation ferritic/martensitic steel development 283–287 (2000) 52
 Van Duysen, J.C., see Becquart, C.S. 280 (2000) 73
 van Duysen, J.C., see Becquart, C.S. 294 (2001) 274
 Van Duysen, J.-C., see Auger, P. 280 (2000) 331
 van Goubergen, H., see van Schoor, M. 290–293 (2001) 962
 Van Hoecke, T., see Slugen, V. 274 (1999) 273
 Van Iseghem, P., E. Valcke and A. Lodding, In situ testing of the chemical durability of vitrified high-level waste in a Boom Clay formation in Belgium: discussion of recent data and concept of a new test 298 (2001) 86
 Van Iseghem, P., see Lodding, A. 298 (2001) 197
 van Osch, E.V., and M.I. de Vries, Irradiation hardening of V–4Cr–4Ti 271&272 (1999) 162
 van Osch, E.V., see Rensman, J. 283–287 (2000) 1201
 Van Ouytsel, K., A. Fabry, R. De Batist and R. Schaller, Determination of the yield strength of nuclear reactor pressure vessel steels by means of amplitude-dependent internal friction 279 (2000) 51
 van Schoor, M., H. van Goubergen and R. Weynants, The influence of the poloidal variation of the density on the locally measured velocities induced by biasing experiments 290–293 (2001) 962
 Van Uffelen, P., Modelling the variable precipitation of fission products at grain boundaries 280 (2000) 275
 Van Uffelen, P., see Olander, D.R. 288 (2001) 137
 Van Uffelen, P., see Olander, D.R. 300 (2002) 277
 van Veen, A., see Neef, E.A.C. 274 (1999) 78
 Van Waeyenberge, B., see Slugen, V. 274 (1999) 273
 Vance, E.R., see Cooper, R. 289 (2001) 199
 Vandermeulen, W., see Puzzolante, J.-L. 283–287 (2000) 428
 Varacalle, D.J., see Miller, G.K. 295 (2001) 205
 Varga, K., G. Hirschberg, Z. Németh, G. Myburg, J. Schunk and P. Tilky, Accumulation of radioactive corrosion products on steel surfaces of VVER-type nuclear reactors. II. ^{60}Co 298 (2001) 231
 Varias, A.G. and A.R. Massih, Simulation of hydrogen embrittlement in zirconium alloys under stress and temperature gradients 279 (2000) 273
 Varlashova, E.E., see Risovany, V.D. 281 (2000) 84
 Vasenin, S., see Safronov, V. 290–293 (2001) 1052
 Vasenin, S., see Scaffidi-Argentina, F. 283–287 (2000) 1111
 Vasilev, V.I., see Guseva, M.I. 290–293 (2001) 1069
 Vasudeva Rao, P.R., see Ananthasivan, K. 300 (2002) 217
 Vasudeva Rao, P.R., see Anthony-samy, S. 278 (2000) 346
 Vasudeva Rao, P.R., see Anthony-samy, S. 280 (2000) 25
 Vasudeva Rao, P.R., see Anthony-samy, S. 281 (2000) 15
 Vasudeva Rao, P.R., see Prabhakara Reddy, B. 294 (2001) 112
 Vasudeva Rao, P.R., see Venkata Krishnan, R. 299 (2001) 28
 Vasudeva Rao, P.R., see Vidhya, R. 295 (2001) 221
 Vasudeva Rao, P.R., see Vidhya, R. 295 (2001) 228
 Vatulin, A., V. Lysenko, V. Kostomarov and V. Sirotin, Alternative versions of inert matrix fuel for the use of civil and weapons-grade plutonium in reactors 274 (1999) 135
 Vaughan, D.J., see Abraitis, P.K. 280 (2000) 196

- Vaughan, D.J., see Abraitis, P.K.
 Vaughn, N.L., see Snead, L.L.
 Vedernikov, G., see Shikov, A.
 Veilleux, J.M., M.S. El-Genk, E.P.
 Chamberlin, C. Munson and J.
 FitzPatrick, Etching of UO₂ in
 NF₃ RF plasma glow discharge
 Veirs, D.K., see Spearing, D.R.
 Vella, G., see Fütterer, M.A.
 Velmurugan, S., see Prince, A.A.M.
 Venhaus, T., R. Causey, R. Doerner
 and T. Abel, Behavior of
 tungsten exposed to high flu-
 ences of low energy hydrogen
 isotopes
 Venhaus, T., see Shimada, K.
 Venhaus, T.J., see Nakamura, H.
 Venkata Krishnan, R., K. Nagar-
 ajan and P.R. Vasudeva Rao,
 Heat capacity measurements on
 BaThO₃ and BaCeO₃
 Venugopal, V., see Dash, S.
 Venugopal, V., see Kulkarni, N.K.
 Venugopal, V., see Prasad, R.
 Venugopal, V., see Sali, S.K.
 Verdier, P., see Bois, L.
 Verdier, P., see Bois, L.
 Veremeyenko, V.P., see Glazunov,
 G.P.
 Vergara, I., see Savoini, B.
 Vermoyal, J.J., L. Dessemond, A.
 Hammou and A. Frichet, In situ
 characterization of Zircaloy-4
 oxidation at 500 °C in dry air
 Vernaz, É., see Jollivet, P.
 Vernaz, E., S. Gin, C. Jégou and I.
 Ribet, Present understanding of
 R7T7 glass alteration kinetics
 and their impact on long-term
 behavior modeling
 Verrall, R.A., J.M. Miller and P.
 Gierszewski, Performance of a
 Li₂TiO₃ pebble-bed in the
 CRITIC-III irradiation
 Verrall, R.A., M.D. Vlajic and V.D.
 Krstic, Silicon carbide as an
 inert-matrix for a thermal re-
 actor fuel
 Verrall, R.A., see Hocking, W.H.
 Verrall, R.A., see Sickafus, K.E.
 Vertkov, A.V., see Evtikhin, V.A.
 Vertkov, A.V., see Khripunov, B.I.
 Verwerft, M., Multiple voltage
 electron probe microanalysis of
 fission gas bubbles in irradiated
 nuclear fuel
 Verwerft, M., see Van den Berghe,
 S.
 Verwerft, M., see Van den Berghe,
 S.
 Verzilov, Y.M., see Mackawa, F.
- 280 (2000) 206
 283–287 (2000) 551
 283–287 (2000) 968
- 277 (2000) 315
 299 (2001) 111
 283–287 (2000) 1375
 289 (2001) 281
- 290–293 (2001) 505
 290–293 (2001) 478
 283–287 (2000) 1043
- 299 (2001) 28
 279 (2000) 84
 281 (2000) 248
 277 (2000) 45
 277 (2000) 106
 277 (2000) 57
 300 (2002) 141
- 290–293 (2001) 266
 277 (2000) 199
- 298 (2001) 297
 281 (2000) 231
- 298 (2001) 27
- 281 (2000) 71
- 274 (1999) 54
 294 (2001) 45
 274 (1999) 66
 271&272 (1999) 396
 290–293 (2001) 201
- 282 (2000) 97
 277 (2000) 28
- 294 (2001) 168
 283–287 (2000) 1448
- Veshchunov, M.S., On the theory of
 fission gas bubble evolution in
 irradiated UO₂ fuel
 Vettraino, F., G. Magnani, T. La
 Torretta, E. Marmo, S. Coelli,
 L. Luzzi, P. Ossi and G. Zappa,
 Preliminary fabrication and cha-
 racterisation of inert matrix and
 thoria fuels for plutonium dis-
 position in light water reac-
 tors
 Vianello, N., see Spolaore, M.
 Victoria, M., N. Baluc, C. Bailat, Y.
 Dai, M.I. Luppo, R. Schäublin
 and B.N. Singh, The micro-
 structure and associated tensile
 properties of irradiated fcc and
 bcc metals
 Victoria, M., see Almazouzi, A.
 Victoria, M., see Bailat, C.
 Victoria, M., see Bailat, C.
 Victoria, M., see Baluc, N.
 Victoria, M., see Caturla, M.J.
 Victoria, M., see Chen, Y.
 Victoria, M., see Dai, Y.
 Victoria, M., see Luppo, M.I.
 Victoria, M., see Marmy, P.
 Victoria, M., see Schäublin, R.
 Victoria, M., see Schäublin, R.
 Victoria, M., see Schäublin, R.
 Victoria, M., see Song, S.-H.
 Victoria, M., see Ungár, T.
 Vidhya, R., M.P. Antony, P.R. Va-
 sudeva Rao and B. Viswa-
 nathan, Enthalpy and Gibbs
 energy of formation of lantha-
 num dicarbide
 Vidhya, R., M.P. Antony, P.R. Va-
 sudeva Rao and B. Viswa-
 nathan, Enthalpy and Gibbs
 energy of formation of neody-
 mium dicarbide
 Viehrig, H.-W., see Böhmert, J.
 Vieider, G., see Barabash, V.
 Vieider, G., see Merola, M.
 Vieider, G., see Rödig, M.
 Vietzke, E., Energy distributions of
 CD₄ and CD₃ chemically re-
 leased from graphite by D⁺ and
 D⁰/Ne⁺ impact
 Vietzke, E., see Mair, C.
 Vigna, G., see Domizzi, G.
 Vijayalakshmi, M., S. Saroja, R.
 Mythili, V. Thomas Paul and
 V.S. Raghunathan, Mechanisms
 and kinetics of tempering in
 weldments of 9Cr-1Mo steel
 Vila, R. and E.R. Hodgson, In-
 beam dielectric properties of
 alumina at low frequencies
 Vincent, T., see Fourest, B.
- 274 (1999) 23
 290–293 (2001) 729
- 276 (2000) 114
 276 (2000) 295
 276 (2000) 283
 283–287 (2000) 446
 283–287 (2000) 731
 296 (2001) 90
 271&272 (1999) 128
 296 (2001) 174
 283–287 (2000) 483
 283–287 (2000) 602
 276 (2000) 251
 283–287 (2000) 205
 283–287 (2000) 339
 280 (2000) 162
 276 (2000) 278
- 295 (2001) 221
- 295 (2001) 228
 297 (2001) 251
 283–287 (2000) 1248
 283–287 (2000) 1068
 283–287 (2000) 1161
- 290–293 (2001) 158
 290–293 (2001) 291
 275 (1999) 255
- 279 (2000) 293
- 283–287 (2000) 903
 282 (2000) 180

- Vinnichenko, M.V., see Voitsenya, V.S.
- Virko, V.F., see Zhmendak, A.V.
- Viswanathan, B., see Vidhya, R.
- Viswanathan, B., see Vidhya, R.
- Viswanathan, R. and M.V. Krishnaiah, Vaporization chemistry of hypo-stoichiometric (U,Pu)O₂
- Vlajic, M.D., see Verrall, R.A.
- Vnukov, S.P., see Gorodetsky, A.E.
- Voß, Z., see Glasbrenner, H.
- Voß, Z., see Konys, J.
- Vogt, J.B., see Nicaise, G.
- Voitsenya, V.S., A.F. Bardamid, V.N. Bondarenko, W. Jacob, V.G. Konovalov, S. Masuzaki, O. Motojima, D.V. Orlinskij, V.L. Poperenko, I.V. Ryzhkov, A. Sagara, A.F. Shtan, S.I. Sologovchenko and M.V. Vinnichenko, Some problems arising due to plasma-surface interaction for operation of the in-vessel mirrors in a fusion reactor
- Volcan, A., see Holzwarth, U.
- Volcan, A., see Stamm, H.
- Volkov, A.E. and A.I. Ryazanov, Theory of gas bubble nucleation in supersaturated solution of vacancies, interstitials and gas atoms
- Volkov, A.E., see Sorokin, M.V.
- Volkov, A.E., see Sorokin, M.V.
- Volkov, A.E., see Voskoboinikov, R.E.
- Volkov, A.E., see Voskoboinikov, R.E.
- Volkov, E.D., see Glazunov, G.P.
- Volkovich, V.A., see Griffiths, T.R.
- Volkovich, V.A., T.R. Griffiths, D.J. Fray and R.C. Thied, A new method for determining oxygen solubility in molten carbonates and carbonate-chloride mixtures using the oxidation of UO₂ to uranate reaction
- von Hellermann, M., see Groth, M.
- von Hellermann, M., see Hillis, D.L.
- von Hellermann, M., see Strachan, J.D.
- von Keudell, A., T. Schwarz-Selinger, W. Jacob and A. Stevens, Surface reactions of hydrocarbon radicals: suppression of the re-deposition in fusion experiments via a divertor liner
- von Seggern, J., M. Mayer, D. Reiser, M. Rubel and V. Philipps, Erosion and deposition effects on the vessel wall of TEXTOR-94
- 290–293 (2001) 336
290–293 (2001) 220
295 (2001) 221
295 (2001) 228

294 (2001) 69
274 (1999) 54
290–293 (2001) 271
281 (2000) 225
296 (2001) 289
296 (2001) 256

290–293 (2001) 336
279 (2000) 19
283–287 (2000) 597

273 (1999) 155
282 (2000) 47
295 (2001) 290

282 (2000) 66
297 (2001) 262
290–293 (2001) 266
274 (1999) 229

282 (2000) 152
290–293 (2001) 867
290–293 (2001) 418
290–293 (2001) 972

290–293 (2001) 231

290–293 (2001) 341
- von Seggern, J., see Huber, A.
- von Seggern, J., see Mayer, M.
- von Seggern, J., see Ohya, K.
- von Seggern, J., see Philipps, V.
- von Seggern, J., see Rubel, M.
- von Seggern, J., see Tanabe, T.
- von Toussaint, U., see Zahr, R.A.
- Vorobieva, A., see Shikov, A.
- Vorobjev, A.N., see Porollo, S.I.
- Vorobjev, S.A., see Kosenkov, V.M.
- Voskoboinikov, R.E., Effect of ensemble of stress concentrators on the ultimate tensile strength of material
- Voskoboinikov, R.E., Stress tensor of a strained material with a linear row of stress concentrators
- Voskoboinikov, S., see Bonnin, X.
- Voskoboinikov, S., see Rozhansky, V.
- Voskoboinikov, R.E. and A.E. Volkov, Effect of point defect interaction with bubble surface on the nucleation and growth of gas bubbles
- Voskoboinikov, R.E. and A.E. Volkov, Kinetics of gas bubble ensemble in supersaturated solid solution of point defects and gas atoms
- Voss, Z., see Glasbrenner, H.
- Voyevodin, V.N., I.M. Neklyudov, V.V. Bryk and O.V. Borodin, Microstructural evolution and radiation stability of steels and alloys
- Vukolov, K., see Gorshkov, A.
- Vykhodets, V.B., see Arbuzov, V.L.
- W7-AS Team, see Brakel, R.
- W7-AS Team, see Grigull, P.
- W7-AS Team, see König, R.W.T.
- W7-AS Team, see Langer, U.
- W7-AS Team, see McCormick, K.
- Wada, A., see Nakashima, Y.
- Wada, M., see Huber, A.
- Wada, M., see Ohya, K.
- Wada, M., see Ohya, K.
- Wada, M., see Pospieszczyk, A.
- Wada, M., see Tanabe, T.
- Wada, M., T. Ohgo, A. Pospieszczyk, A. Huber, G. Sergienko, T. Tanabe, W. Biel, K. Kondo, K. Ohya, V. Philipps, G. Bertschinger, J. Rapp, B. Schweer and N. Noda, Local emission and core concentration of tungsten in TEXTOR-94 plasmas operated with tungsten test and poloidal limiters
- 290–293 (2001) 276
290–293 (2001) 381
283–287 (2000) 1182
290–293 (2001) 1190
283–287 (2000) 1089
283–287 (2000) 1128
290–293 (2001) 162
283–287 (2000) 968
283–287 (2000) 239
273 (1999) 228

299 (2001) 68

280 (2000) 169
290–293 (2001) 829
290–293 (2001) 710

297 (2001) 262

282 (2000) 66
283–287 (2000) 1332

271&272 (1999) 290
273 (1999) 271
271&272 (1999) 340

290–293 (2001) 1160
290–293 (2001) 1009
290–293 (2001) 882
290–293 (2001) 658
290–293 (2001) 920
290–293 (2001) 683
290–293 (2001) 276
283–287 (2000) 1182
290–293 (2001) 303
290–293 (2001) 947
283–287 (2000) 1128

290–293 (2001) 768

- Wade, M., see Osborne, T.H.
- Wade, M.R., see Allen, S.L.
- Wade, M.R., see Baylor, L.R.
- Wade, M.R., see Mahdavi, M.A.
- Wade, M.R., see West, W.P.
- Wade, M.R., see Whyte, D.G.
- Wade, M.R., W.A. Houlberg, L.R. Baylor, W.P. West and D.R. Baker, Low-Z impurity transport in DIII-D – observations and implications
- Wadekar, S.L., see Mukherjee, P.
- Wagner, D., J.C. Moreno, C. Prioul, J.M. Frund and B. Houssin, Influence of dynamic strain aging on the ductile tearing of C–Mn steels: modelling by a local approach method
- Wagner, F., see Grigull, P.
- Wagner, F., see König, R.W.T.
- Wakai, E., N. Hashimoto, J.P. Robertson, S. Jistukawa, T. Sawai and A. Hishinuma, Tensile properties and damage microstructures in ORR/HFIR-irradiated austenitic stainless steels
- Wakai, E., N. Hashimoto, Y. Miwa, J.P. Robertson, R.L. Klueh, K. Shiba and S. Jistukawa, Effect of helium production on swelling of F82H irradiated in HFIR
- Wakai, E., see Ezawa, T.
- Wakai, E., see Hashimoto, N.
- Wakai, E., see Hashimoto, N.
- Wakai, E., see Miwa, Y.
- Wakayama, N., see Yamana, H.
- Walker, C., see Yamamoto, S.
- Walker, C.T., Assessment of the radial extent and completion of recrystallisation in high burn-up UO₂ nuclear fuel by EPMA
- Walker, C.T., see Bottomley, P.D.W.
- Walker, C.T., see White, R.J.
- Wall, M., see Caturla, M.-J.
- Walsh, D., see Hirooka, Y.
- Walsh, D.S., see Miyasaka, K.
- Walters, T., see Hirooka, Y.
- Wampler, W., see Hirooka, Y.
- Wampler, W., see Kugel, H.W.
- Wampler, W., see Kugel, H.W.
- Wampler, W.R., D.G. Whyte, C.P.C. Wong and W.P. West, Suppression of net erosion in the DIII-D divertor with detached plasmas
- Wampler, W.R., see Anderl, R.A.
- Wampler, W.R., see Skinner, C.H.
- Wan, B., see Gong, X.
- Wan, B.N., see Gao, X.
- Wan, B.N., see Xie, J.K.
- 290–293 (2001) 1013
290–293 (2001) 995
290–293 (2001) 398
290–293 (2001) 905
290–293 (2001) 783
290–293 (2001) 356
290–293 (2001) 773
297 (2001) 341
300 (2002) 178
290–293 (2001) 1009
290–293 (2001) 882
283–287 (2000) 435
283–287 (2000) 799
283–287 (2000) 244
273 (1999) 95
280 (2000) 186
283–287 (2000) 334
278 (2000) 37
283–287 (2000) 60
275 (1999) 56
278 (2000) 136
288 (2001) 43
276 (2000) 186
274 (1999) 320
290–293 (2001) 448
274 (1999) 320
274 (1999) 320
290–293 (2001) 1185
300 (2002) 278
290–293 (2001) 346
273 (1999) 1
290–293 (2001) 486
290–293 (2001) 1171
279 (2000) 330
290–293 (2001) 1155
- Wan, D., see Karditsas, P.J.
Wan, Y.X., see Gao, X.
Wanderka, N., see Müller, S.
Wang, L., see Gao, X.
Wang, L.H., see Duh, T.S.
Wang, L.M., S.X. Wang, S. Zhu and R.C. Ewing, Effects of fission product incorporation on the microstructure of cubic zirconia
Wang, L.M., see Gu, B.X.
Wang, L.M., see Gu, B.X.
Wang, L.M., see Lian, J.
Wang, L.M., see Wang, S.X.
Wang, M.-X., see Ge, C.-C.
Wang, S.X., L.M. Wang and R.C. Ewing, Electron and ion irradiation of zeolites
Wang, S.X., see Lian, J.
Wang, S.X., see Wang, L.M.
Wang, W., J. Roth, S. Lindig and C.H. Wu, Blister formation of tungsten due to ion bombardment
Wang, W.-E., see Hashizume, K.
Wang, X.M., see Xie, J.K.
Wang, Y., see Xu, H.
Wang, Y., see Zhang, C.
Wang, Y.B., see Chu, W.Y.
Wang, Z., see Wood, R.D.
Wang, Z.G., K.Q. Chen, L.W. Li, C.H. Zhang, J.M. Quan, M.D. Hou, R.H. Xu, F. Ma, Y.F. Jin, C.L. Li and Y.M. Sun, Surface morphology and void formation in 316L stainless steel irradiated with high energy C-ions
Was, G.S., J.T. Busby, T. Allen, E.A. Kenik, A. Jensson, S.M. Bruemmer, J. Gan, A.D. Edwards, P.M. Scott and P.L. Andresen, Emulation of neutron irradiation effects with protons: validation of principle
Was, G.S., see Allen, T.R.
Was, G.S., see Bruemmer, S.M.
Was, G.S., see Gan, J.
Was, G.S., see Gan, J.
Was, G.S., see Gan, J.
Watanabe, H., see Hamaguchi, D.
Watanabe, H., see Muroga, T.
Watanabe, H., see Ochiai, K.
Watanabe, H., see Yasunaga, K.
Watanabe, H., T. Arinaga, K. Ochiai, T. Muroga and N. Yoshida, Microstructure of vanadium alloys during ion irradiation with stepwise change of temperature
283–287 (2000) 1346
279 (2000) 330
271&272 (1999) 241
279 (2000) 330
294 (2001) 267
289 (2001) 122
278 (2000) 64
297 (2001) 345
297 (2001) 89
278 (2000) 233
283–287 (2000) 1116
278 (2000) 233
297 (2001) 89
289 (2001) 122
299 (2001) 124
275 (1999) 277
290–293 (2001) 1155
273 (1999) 343
275 (1999) 211
275 (1999) 216
279 (2000) 100
283–287 (2000) 259
280 (2000) 250
290–293 (2001) 513
271&272 (1999) 306
300 (2002) 198
278 (2000) 149
274 (1999) 299
297 (2001) 161
298 (2001) 341
299 (2001) 53
283–287 (2000) 319
299 (2001) 148
271&272 (1999) 376
283–287 (2000) 179
283–287 (2000) 286

- Watanabe, H., T. Muroga and N. Yoshida, Fluence dependence of defect evolution in austenitic stainless steels during fission neutron irradiation 283–287 (2000) 1196
- Watanabe, K., see Ashida, K. 290–293 (1999) 42
- Watanabe, K., see Hatano, Y. 283–287 (2000) 868
- Watanabe, K., see Hirooka, Y. 274 (1999) 320
- Watanabe, K., see Matsuyama, M. 290–293 (2001) 437
- Watanabe, S., N. Sakaguchi, S. Mochizuki and H. Takahashi, Defect-flow-induced heterogeneous dislocation formation and solute redistribution near a grain boundary in austenitic stainless steel under electron irradiation 271&272 (1999) 381
- Watanabe, S., see Yamashita, S. 290–293 (2001) 1009
- Watanabe, S., Y. Takamatsu, N. Sakaguchi and H. Takahashi, Sink effect of grain boundary on radiation-induced segregation in austenitic stainless steel 283–287 (2000) 184
- Watanabe, S., Y. Takamatsu, N. Sakaguchi and H. Takahashi, Sink effect of grain boundary on radiation-induced segregation in austenitic stainless steel 283–287 (2000) 647
- Watanabe, T., see Masuzaki, S. 290–293 (2001) 12
- Watarumi, K., see Shiratori, T. 274 (1999) 40
- Watking, J.G., see Allen, S.L. 290–293 (2001) 995
- Watkins, J., see Osborne, T.H. 290–293 (2001) 1013
- Watkins, J.G., P. Stangeby, J.A. Boedo, T.N. Carlstrom, C.J. Lasnier, R.A. Moyer, D.L. Rudakov and D.G. Whyte, Comparison of Langmuir probe and Thomson scattering measurements in DIII-D 290–293 (2001) 778
- Watkins, J.G., see Fenstermacher, M.E. 290–293 (2001) 588
- Watkins, J.G., see Lasnier, C.J. 290–293 (2001) 1093
- Watkins, J.G., see Mahdavi, M.A. 290–293 (2001) 905
- Watkins, J.G., see Petrie, T.W. 290–293 (2001) 935
- Watkins, J.G., see Schaffer, M.J. 290–293 (2001) 530
- Watkins, J.G., see Stangeby, P.C. 290–293 (2001) 733
- Wayne Cooke, D., see Afanasyev, Charkin, I.V. 289 (2001) 110
- Weber, H.W., see Hummer, K. 283–287 (2000) 973
- Weber, W.J., see Begg, B.D. 278 (2000) 212
- Weber, W.J., see Begg, B.D. 288 (2001) 208
- Weber, W.J., see Begg, B.D. 289 (2001) 188
- Weber, W.J., see Devanathan, R. 278 (2000) 258
- Weber, W.J., see Hess, N.J. 281 (2000) 22
- Weber, W.J., see Jiang, W. 289 (2001) 96
- Weber, W.J., see Meldrum, A. 300 (2002) 242
- Weber, W.J., see Shutthanandan, V. 289 (2001) 128
- Weber, W.J., see Thevuthasan, S. 289 (2001) 204
- Weber, W.J., see Williford, R.E. 273 (1999) 164
- Weber, W.J., see Williford, R.E. 278 (2000) 207
- Weber, W.J., see Williford, R.E. 299 (2001) 140
- Wechsler, M.S., see Barnett, M.H. 296 (2001) 54
- Wechsler, M.S., see Zheng, Y. 296 (2001) 61
- Wedemeyer, O., see Konys, J. 296 (2001) 289
- Wegen, D.H., see Miserque, F. 298 (2001) 280
- Wei, M.S., see Gao, X. 279 (2000) 330
- Weimar, P., see Schleisiek, K. 283–287 (2000) 1196
- Weinberg, C., see Chauvin, N. 274 (1999) 91
- Weisbecker, P., see Girard, E. 294 (2001) 330
- Weller, A., see Grigull, P. 290–293 (2001) 1009
- Welzel, S., see Auger, P. 280 (2000) 331
- Wendland, Ch., see Grigull, P. 290–293 (2001) 1009
- Wendland, Ch., see McCormick, K. 290–293 (2001) 920
- Wenzel, U., see Carlson, A. 290–293 (2001) 575
- Wenzel, U., see Nishijima, D. 290–293 (2001) 688
- Wenzel, U., see Pugno, R. 290–293 (2001) 308
- Wenzel, U., M. Laux, R. Pugno and K. Schmidtmann, Extinction of CD band emission in the divertor of ASDEX Upgrade 290–293 (2001) 352
- Werle, H., see Markin, A.V. 283–287 (2000) 1094
- Werle, H., see Penzhorn, R.-D. 279 (2000) 139
- Werle, H., see Piazza, G. 283–287 (2000) 1396
- Werle, H., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Werme, L., see Ramebäck, H. 277 (2000) 288
- Werner, A., see König, R.W.T. 290–293 (2001) 882
- West, M.K., see Hoelzer, D.T. 283–287 (2000) 616
- West, W.P., G.D. Porter, T.E. Evans, P. Stangeby, N.H. Brooks, M.E. Fenstermacher, R.C. Isler, T.D. Rognlien, M.R. Wade, D.G. Whyte and N.S. Wolf, Modeling of carbon transport in the divertor and SOL of DIII-D during high performance plasma operation 290–293 (2001) 783
- West, W.P., see Allen, S.L. 290–293 (2001) 995
- West, W.P., see Mahdavi, M.A. 290–293 (2001) 905
- West, W.P., see Petrie, T.W. 290–293 (2001) 935
- West, W.P., see Porter, G.D. 290–293 (2001) 692
- West, W.P., see Stangeby, P.C. 290–293 (2001) 733
- West, W.P., see Wade, M.R. 290–293 (2001) 773
- West, W.P., see Wampler, W.R. 290–293 (2001) 346
- West, W.P., see Whyte, D.G. 290–293 (2001) 356
- Weynants, R., see van Schoor, M. 290–293 (2001) 962
- White, J.R., see Regan, T.M. 300 (2002) 39
- White, R.J., The fractal nature of the surface of uranium dioxide: a resolution of the short-lived/stable gas release dichotomy 295 (2001) 133
- White, R.J., S.B. Fisher, P.M.A. Cook, R. Stratton, C.T. Walker and I.D. Palmer, Measurement and analysis of fission gas release from BNFL's SBR MOX fuel 288 (2001) 43
- Whyte, D.G., see Allen, S.L. 290–293 (2001) 995
- Whyte, D.G., see Counsell, G.F. 290–293 (2001) 255
- Whyte, D.G., see Doerner, R.P. 290–293 (2001) 166
- Whyte, D.G., see Mahdavi, M.A. 290–293 (2001) 905
- Whyte, D.G., see Stangeby, P.C. 290–293 (2001) 733
- Whyte, D.G., see Wampler, W.R. 290–293 (2001) 346
- Whyte, D.G., see Watkins, J.G. 290–293 (2001) 778
- Whyte, D.G., see West, W.P. 290–293 (2001) 783
- Whyte, D.G., W.P. West, R. Doerner, N.H. Brooks, R.C. Isler, G.L. Jackson, G. Porter, M.R.

- Wade and C.P.C. Wong, Reduction of divertor carbon sources in DIII-D
290–293 (2001) 356
- Wicks, G.G., US field testing programs and results
298 (2001) 78
- Wident, P., see Alamo, A.
Wiechers, B., see Linke, J.
Wiechers, B., see Rödig, M.
Wieder, S., see Natesan, K.
Wiencek, T.C., see Meyer, M.K.
Wiencek, T.C., see Meyer, M.K.
Wienhold, P., H.G. Esser, D. Hildebrandt, A. Kirschner, M. Mayer, V. Philippss and M. Rubel, Investigation of carbon transport in the scrape-off layer of TEXTOR-94
290–293 (2001) 362
273 (1999) 116
- Wienhold, P., see Alberici, S.
Wienhold, P., see Hildebrandt, D.
Wienhold, P., see Kirschner, A.
Wienhold, P., see Mayer, M.
Wienhold, P., see Rubel, M.
Wienhold, P., see Rubel, M.
Willcutt, G., see Maloy, S.A.
Willcutt, G.J., see Lillard, R.S.
Williford, R.E. and W.J. Weber, Computer simulation of Pu³⁺ and Pu⁴⁺ substitutions in gadolinium zirconate
290–293 (2001) 473
296 (2001) 119
277 (2000) 250
- Williford, R.E., B.D. Begg, W.J. Weber and N.J. Hess, Computer simulation of Pu³⁺ and Pu⁴⁺ substitutions in zircon
299 (2001) 140
- Williford, R.E., W.J. Weber, R. Devanathan and A.N. Cormack, Native vacancy migrations in zircon
273 (1999) 164
- Willms, R.S., see Nakamura, H.
Wilson, J.R., see Kugel, H.W.
Wilson, J.R., see Kugel, H.W.
Wilson, K.L., see Anderl, R.A.
Windberg, P., see Pintér Csordás, A.
Windsor, C.G., see Pautasso, G.
Winslow, D.L. and B. LaBombard, Effects of flush-mounted probe bias on local turbulent fluctuations
290–293 (2001) 1045
- Winter, H.P., see Bürbäumer, H.
Winter, H.P., see Menhart, S.
Winter, J., see Ihde, J.
Winter, J., see Kirschner, A.
Winter, J., V.E. Fortov and A.P. Nefedov, Radioactive dust levitation and its consequences for fusion devices
290–293 (2001) 509
- Wirth, B.D., G.R. Odette, D. Maroudas and G.E. Lucas, Dislocation loop structure, energy and mobility of self-interstitial atom clusters in bcc iron
276 (2000) 33
- Wirth, B.D., see Caturla, M.J.
276 (2000) 13
- Wirth, B.D., V. Bulatov and T. Diaz de la Rubia, Atomistic simulation of stacking fault tetrahedra formation in Cu
283–287 (2000) 773
274 (1999) 47
- Wiss, T., see Matzke, Hj.
Withers, J.C., see Kowbel, W.
Wolf, N.S., see Allen, S.L.
Wolf, N.S., see Mahdavi, M.A.
Wolf, N.S., see Petrie, T.W.
Wolf, N.S., see Porter, G.D.
Wolf, N.S., see West, W.P.
Wolf, R., see Bosch, H.-S.
Wolf, S.F., see Ebert, W.L.
Wollenberger, H., see Abromeit, C.
Wollenberger, H., see Fielitz, P.
Wollenberger, H., see Müller, S.
Wolski, K., see Marié, N.
Wong, C.P.C., Neutron wall loading of Tokamak reactors
283–287 (2000) 588
- Wong, C.P.C., see Wampler, W.R.
Wong, C.P.C., see Whyte, D.G.
Woo, C.H., and F.A. Garner, Contribution to irradiation creep arising from gas-driven bubble growth
271&272 (1999) 78
- Woo, C.H., Defect accumulation behaviour in hcp metals and alloys
276 (2000) 90
277 (2000) 11
- Wood, R., see Buchenauer, D.A.
Wood, R.D., D.N. Hill, E.B. Hooper, D. Buchenauer, H. McLean, Z. Wang, S. Woodruff and G. Wurden, Particle control in the sustained spheromak physics experiment
290–293 (2001) 513
- Woodruff, S., see Buchenauer, D.A.
Woodruff, S., see Wood, R.D.
Wright, I.G., see Hoelzer, D.T.
Wright, P.B., see Davis, J.W.
Wu, C.H., see Alberici, S.
Wu, C.H., see Barabash, V.
Wu, C.H., see Benamati, G.
Wu, C.H., see Bonal, J.P.
Wu, C.H., see Federici, G.
Wu, C.H., see Federici, G.
Wu, C.H., see Markin, A.V.
Wu, C.H., see Salonen, E.
Wu, C.H., see Scaffidi-Argentina, F.
Wu, C.H., see Sedano, L.A.
Wu, C.H., see Vainonen-Ahlgren, E.
Wu, C.H., see Wang, W.
Wu, T.-F., see Tsai, W.-T.
Wu, T.-F., T.-P. Cheng and W.-T. Tsai, Effect of electrolyte composition on the electrochemical potentiokinetic reactivation behavior of Alloy 600
295 (2001) 233
- Wu, Z., see Gong, X.
Wu, Z.W., see Gao, X.
290–293 (2001) 1171
279 (2000) 330

- Wukitch, S., see Lipschultz, B.
- Wurden, G., see Terry, J.L.
- Wurden, G., see Wood, R.D.
- Würz, H., see Landman, I.S.
- Würz, H., S. Pestchanyi, B. Bazylev, I. Landman and F. Kappler, Vertical target and FW erosion during off-normal events and impurity production and transport during ELMs typical for ITER-FEAT
- Würz, H., see Safronov, V.
- Würz, H., see Scaffidi-Argentina, F.
- Xia, C.Y., see Gao, X.
- Xiao, B., S. Kado, K. Kobayashi and S. Tanaka, Numerical simulation of hydrogen molecular dissociation and the effects to H α profiles in low temperature plasmas
- Xiao, B., see Kobayashi, K.
- Xie, A.G., see Gao, X.
- Xie, G., M. Song, K. Mitsuishi and K. Furuya, Orientation of γ to α transformation in Xe-implanted austenitic 304 stainless steel
- Xie, J.K., see Gao, X.
- Xie, J.K., Y.P. Zhao, J. Li, B.N. Wan, X.Z. Gong, J.S. Hu, X. Gao, X.M. Gu, S.D. Zhang, X.M. Wang, Y.Z. Mao, X.K. Yang, M. Zhen, S.Y. Zhang and HT-7 Team, RF wall conditioning – a new technique for future large superconducting tokamak
- Xie, Y., N.C. Morosoff and W.J. James, XPS characterization of beryllium carbide thin films formed via plasma deposition
- Xu, H. and Y. Wang, Crystallization sequence and microstructure evolution of Synroc samples crystallized from CaZr-Ti₂O₇ melts
- Xu, H. and Y. Wang, Use of linear free energy relationship to predict Gibbs free energies of formation of pyrochlore phases (CaMTi₂O₇)
- Xu, H. and Y. Wang, Use of linear free energy relationship to predict Gibbs free energies of formation of zirconolite phases (MZR Ti₂O₇ and MHFTi₂O₇)
- Xu, H., Y. Wang and L.L. Barton, Application of a linear free energy relationship to crystalline solids of MO₂ and M(OH)₄
- Xu, Q., D.J. Edwards and T. Yoshiie, Effects of heat treatments on microstructure changes
- 290–293 (2001) 286
290–293 (2001) 757
290–293 (2001) 513
290–293 (2001) 1088
290–293 (2001) 1138
290–293 (2001) 1052
283–287 (2000) 1111
279 (2000) 330
290–293 (2001) 793
290–293 (2001) 648
279 (2000) 330
281 (2000) 80
279 (2000) 330
290–293 (2001) 1155
289 (2001) 48
279 (2000) 100
275 (1999) 216
275 (1999) 211
273 (1999) 343
- in the interface of Cu/SS316L joint materials
- Xu, Q., H.L. Heinisch and T. Yoshiie, Computer simulations of the effects of temperature change on defect accumulation in copper during neutron irradiation
- Xu, Q., see Horiki, M.
- Xu, Q., see Yoshiie, T.
- Xu, R.H., see Wang, Z.G.
- Xu, X., see Rensink, M.E.
- Xu, Y., see Peterson, B.J.
- Xu, Y.C., see Chen, C.Q.
- Xu, Y.H., see Gao, X.
- Xu, Z., see Reed, C.B.
- Xu, Z.-Y., see Ge, C.-C.
- Xue, H., see Hui, X.
- Yabe, H., see Inoue, N.
- Yagi, E., see Sakairi, H.
- Yagi, Y., S. Sekine, H. Koguchi, T. Bolzonella and H. Sakakita, Measurement of thermal wall-load distribution caused by the locked mode in a reversed-field pinch plasma
- Yagi, Y., see Sekine, S.
- Yamada, H., see Peterson, B.J.
- Yamada, K., see Fujino, T.
- Yamada, K., see Kuroasaki, K.
- Yamada, K., see Yamanaka, S.
- Yamada, M., see Fujino, T.
- Yamada, M., see Ioki, K.
- Yamada, R., see Nogami, S.
- Yamada, R., see Snead, L.L.
- Yamada, R., T. Taguchi and N. Igawa, Mechanical and thermal properties of 2D and 3D SiC/SiC composites
- Yamagata, I., see Akasaka, N.
- Yamaguchi, H., see Sekimura, N.
- Yamaguchi, K., see Ii, T.
- Yamaguchi, K., see Kakiuchi, K.
- Yamaguchi, K., see N Luo, G.
- Yamaguchi, K., see Yokota, T.
- Yamaguchi, S., see Mitamura, T.
- Yamaguchi, T., see Shiraishi, T.
- Yamakawa, K. and Y. Shimomura, Damage observed in Mo irradiated with 14 MeV neutrons at RTNS-II
- Yamakawa, K., and Y. Shimomura, Formation mechanism of clustered small loops (rafts) in fission-neutron irradiated Mo at high temperatures
- Yamakawa, K., see Yuya, H.
- Yamaki, D., A. Iwamoto and S. Jitsukawa, Improvement of the
- 283–287 (2000) 1229
283–287 (2000) 297
283–287 (2000) 282
283–287 (2000) 229
271&272 (1999) 306
290–293 (2001) 706
290–293 (2001) 930
283–287 (2000) 1011
279 (2000) 330
283–287 (2000) 1206
283–287 (2000) 1116
271&272 (1999) 459
283–287 (2000) 1187
271&272 (1999) 194
290–293 (2001) 1144
271&272 (1999) 415
290–293 (2001) 930
275 (1999) 19
289 (2001) 270
297 (2001) 176
297 (2001) 332
294 (2001) 160
294 (2001) 94
294 (2001) 104
283–287 (2000) 957
283–287 (2000) 268
283–287 (2000) 545
283–287 (2000) 574
283–287 (2000) 169
271&272 (1999) 63
283–287 (2000) 898
294 (2001) 28
290–293 (2001) 116
283–287 (2000) 1366
271&272 (1999) 21
273 (1999) 60
275 (1999) 101
271&272 (1999) 41
271&272 (1999) 7

- model for surface process of tritium release from lithium oxide
- Yamaki, D., see Katano, Y.
- Yamaki, D., see Mukouda, I.
- Yamaki, D., see Tanifugi, T.
- Yamaki, D., see van der Laan, J.G.
- Yamamoto, K., see Kurosaki, K.
- Yamamoto, K., see Kurosaki, K.
- Yamamoto, K., see Sato, I.
- Yamamoto, M., see Ogawa, T.
- Yamamoto, M., see Tsuzuki, K.
- Yamamoto, N., J. Nagakawa and K. Shiba, Effects of helium implantation on creep rupture properties of low activation ferritic steel F82H IEA heat
- Yamamoto, N., see Nagakawa, J.
- Yamamoto, S., see Katano, Y.
- Yamamoto, S., see Kawatsura, K.
- Yamamoto, S., see Mitamura, T.
- Yamamoto, S., see Mitamura, T.
- Yamamoto, S., see Peterson, B.J.
- Yamamoto, S., see Shikama, T.
- Yamamoto, S., T. Shikama, V. Beiyakov, E. Farnum, E. Hodgson, T. Nishitani, D. Orlinski, S. Zinkle, S. Kasai, P. Stott, K. Young, V. Zaveriaev, A. Costley, L. deKock, C. Walker and G. Janeschitz, Impact of irradiation effects on design solutions for ITER diagnostics
- Yamamoto, T., G.R. Odette, G.E. Lucas and H. Matsui, Confocal microscopy-fracture reconstruction and finite element modeling characterization of local cleavage toughness in a ferritic/martensitic steel in subsized Charpy V-notch impact tests
- Yamamoto, T., H. Kurishita and H. Matsui, Modeling of the cyclic ball indentation test for small specimens using the finite element method
- Yamamoto, T., see Matsuura, H.
- Yamamura, T., see Kohyama, A.
- Yamamura, Y., see Nakajima, N.
- Yamamura, Y., see Ono, T.
- Yamana, H., J. Sheng, K. Kawamoto and H. Moriyama, Thermodynamic systematics of the formation of liquid alloys of f-elements with bismuth
- Yamana, H., J. Sheng, N. Souda and H. Moriyama, Thermodynamic properties of lanthanide metals in liquid bismuth
- Yamana, H., N. Wakayama, N. Souda and H. Moriyama, Systematics of the thermodynamic properties of trivalent f-elements in a pyrometallurgical bi-phase extraction system
- Yamana, H., see Sheng, J.
- Yamanaka, S., K. Kurosaki, T. Matsuda and M. Uno, Thermophysical properties of Ba₂O₃
- Yamanaka, S., K. Yamada, K. Kurosaki, M. Uno, K. Takeda, H. Anada, T. Matsuda and S. Kobayashi, Thermal properties of zirconium hydride
- Yamanaka, S., see Kurosaki, K.
- Yamanaka, S., see Kurosaki, K.
- Yamanaka, S., see Kurosaki, K.
- Yamanaka, S., see Uno, M.
- Yamashita, S., S. Watanabe, S. Ohnuki, H. Takahashi, N. Akasaka and S. Ukai, Effect of mechanical alloying parameters on irradiation damage in oxide dispersion strengthened ferritic steels
- Yamashita, T., N. Nitani, H. Kanazawa, M. Magara, T. Ohmichi, H. Takano and T. Muromura, In-pile irradiation of plutonium rock-like oxide fuels with yttria stabilized zirconia or thoria, spinel and corundum
- Yamashita, T., see Nitani, N.
- Yamashita, T., see Sato, T.
- Yamashita, T., see Sato, T.
- Yamashita, T., see Shiratori, T.
- Yamashita, T., see Yamazaki, S.
- Yamauchi, Y., see Hino, T.
- Yamawaki, M., see Huang, J.
- Yamawaki, M., see Kakiuchi, K.
- Yamawaki, M., see N. Luo, G.
- Yamawaki, M., see Tsuchiya, B.
- Yamawaki, M., see Yokota, T.
- Yamazaki, K., see Peterson, B.J.
- Yamazaki, S., see Sato, T.
- Yamazaki, S., T. Yamashita, T. Matsui and T. Nagasaki, Thermal expansion and solubility limits of plutonium-doped lanthanum zirconates
- Yan, W., see Hui, X.
- Yang, J.H., see Song, K.W.
- Yang, K., see Gao, X.
- Yang, N.Y., see Buchenauer, D.A.
- Yang, W., see Hinoki, T.
- Yang, W., see Katoh, Y.
- Yang, W., see Katoh, Y.
- Yang, X.K., see Xie, J.K.
- Yang, Y., see Gao, X.
- Yano, T., K. Ichikawa, M. Akiyoshi and Y. Tachi, Neutron irradiation damage in aluminum oxide and nitride ceramics up to a fluence of $4.2 \times 10^{26} \text{ n}/\text{m}^2$
- 283–287 (2000) 1414
283–287 (2000) 942
283–287 (2000) 302
283–287 (2000) 1419
283–287 (2000) 99
294 (2001) 160
294 (2001) 193
273 (1999) 239
290–293 (2001) 454
283–287 (2000) 681

283–287 (2000) 400
283–287 (2000) 391
283–287 (2000) 942
271&272 (1999) 11
271&272 (1999) 15
271&272 (1999) 21
290–293 (2001) 930
271&272 (1999) 560

283–287 (2000) 60

283–287 (2000) 992

271&272 (1999) 440
290–293 (2001) 915
283–287 (2000) 565
294 (2001) 188
290–293 (2001) 140

294 (2001) 53

294 (2001) 232

278 (2000) 37
299 (2001) 264
294 (2001) 99
294 (2001) 94
294 (2001) 160
294 (2001) 179
294 (2001) 193
294 (2001) 119
283–287 (2000) 647
274 (1999) 98
274 (1999) 15
294 (2001) 130
294 (2001) 135
274 (1999) 40
294 (2001) 183
290–293 (2001) 1176
294 (2001) 154
294 (2001) 28
290–293 (2001) 116
289 (2001) 329
283–287 (2000) 1366
290–293 (2001) 930
294 (2001) 135
294 (2001) 183
271&272 (1999) 459
288 (2001) 43
279 (2000) 330
290–293 (2001) 1165
289 (2001) 23
289 (2001) 42
295 (2001) 131
290–293 (2001) 1155
279 (2000) 330
283–287 (2000) 947

- Yano, T., M. Akiyoshi, K. Ichikawa, Y. Tachi and T. Iseki, Physical property change of heavily neutron-irradiated Si_3N_4 and SiC by thermal annealing 289 (2001) 102
- Yano, T., see Yoshida, K. 283–287 (2000) 560
- Yao, Z., J. Hao, C. Zhou, C. Shan, J. Yu, The permeation of tritium through 316L stainless steel with multiple coatings 283–287 (2000) 1287
- Yao, Z., see Yu, J. 283–287 (2000) 1077
- Yarmolovich, I.I., see Kozhevnikov, O.A. 271&272 (1999) 472
- Yasuda, A., see Shiratori, T. 274 (1999) 40
- Yasuda, K., C. Kinoshita, K. Fukuda and F.A. Garner, Thermal stability and kinetics of defects in magnesium aluminate spinel irradiated with fast neutrons 283–287 (2000) 937
- Yasuda, K., see Lee, J.H. 289 (2001) 334
- Yasuda, K., see Shikama, T. 271&272 (1999) 560
- Yasuda, K., see Sickafus, K.E. 274 (1999) 66
- Yasunaga, K., H. Watanabe, N. Yoshida, T. Muroga and N. Noda, Correlation between defect structures and hardness in tantalum irradiated by heavy ions 283–287 (2000) 179
- Yasunaga, K., see Iwakiri, H. 283–287 (2000) 1134
- Yatsu, K., see Nakashima, Y. 290–293 (2001) 683
- Yayli, A., see Oktay, E. 288 (2001) 76
- Ye, B., Y. Kasugai, Y. Ikeda, Y. Fan, J. Du, X. Zhou and R. Han, Measurement of backward sputtering yields induced by fast neutrons 281 (2000) 112
- Ye, W.W., see Gao, X. 279 (2000) 330
- Yin, F.X., see Gao, X. 279 (2000) 330
- Ying, A., see Fischer, U. 280 (2000) 151
- Ying, A., see Lu, Z. 299 (2001) 101
- Yoder, G.L., see Carbojo, J.J. 299 (2001) 181
- Yokota, N., see Morisawa, J. 294 (2001) 241
- Yokota, T., A. Suzuki, K. Yamaguchi, T. Terai and M. Yamawaki, Study of the tritium behavior on the surface of Li_2O by means of work function measurement 283–287 (2000) 1366
- Yokoya, N., see Muto, S. 290–293 (2001) 295
- Yokoya, N., see Muto, S. 295 (2001) 300
- Yokoyama, K., see Hatano, T. 283–287 (2000) 685
- Yokoyama, K., see Nakazawa, T. 279 (2000) 201
- Yokoyama, K., see Nakazawa, T. 297 (2001) 69
- Yokoyama, N., see Tsuji, H. 271&272 (1999) 486
- Yonamine, S., see Sekimura, N. 271&272 (1999) 63
- Yonamine, S., see Sekimura, N. 283–287 (2000) 224
- Yonekawa, M., see Ioka, I. 283–287 (2000) 440
- Yoneoka, T., see Nishimura, H. 283–287 (2000) 1326
- Yoneoka, T., see Terai, T. 283–287 (2000) 1322
- Yoo, H.-I., B.-J. Koo, J.-O. Hong, I.-S. Hwang and Y.-H. Jeong, A working hypothesis on oxidation kinetics of Zircaloy 299 (2001) 235
- Yoo, H.-I., see Kang, S.-H. 277 (2000) 339
- Yoo, H.-s., S.-y. Lee, S.-j. Lee and K.-w. Song, Effect of AlOOH on the microstructure of UO_2 pellets 281 (2000) 191
- Yoon, H.K., see Lee, S.P. 289 (2001) 30
- Yoschenko, V.I., see Kashparov, V.A. 279 (2000) 225
- Yoshida, K. and T. Yano, Room and high-temperature mechanical and thermal properties of SiC fiber-reinforced SiC composite sintered under pressure 283–287 (2000) 560
- Yoshida, N., see Hamaguchi, D. 283–287 (2000) 319
- Yoshida, N., see Hirai, T. 283–287 (2000) 1177
- Yoshida, N., see Hirai, T. 290–293 (2001) 94
- Yoshida, N., see Iwakiri, H. 283–287 (2000) 1134
- Yoshida, N., see Morishita, K. 283–287 (2000) 753
- Yoshida, N., see Ochiai, K. 271&272 (1999) 376
- Yoshida, N., see Ono, K. 271&272 (1999) 214
- Yoshida, N., see Ono, K. 283–287 (2000) 210
- Yoshida, N., see Tokunaga, K. 283–287 (2000) 1121
- Yoshida, N., see Watanabe, H. 271&272 (1999) 381
- Yoshida, N., see Watanabe, H. 283–287 (2000) 286
- Yoshida, N., see Yasunaga, K. 283–287 (2000) 179
- Yoshida, N., T. Hirai, K. Tokunaga, S. Itoh and The TRIAM group, Plasma-surface interaction effects during high ion temperature long pulse experiments in TRIAM-1M 290–293 (2001) 1030
- Yoshida, T., see Ii, T. 283–287 (2000) 898
- Yoshiii, K., see Harano, H. 280 (2000) 255
- Yoshiie, T., and M. Kiritani, Despinning of point defects and microstructural evolution under collision cascade damage 271&272 (1999) 296
- Yoshiie, T., Q. Xu, Y. Satoh, H. Ohkubo and M. Kiritani, The effect of alloying elements on the defect structural evolution in neutron irradiated Ni alloys 283–287 (2000) 229
- Yoshiie, T., see Horiki, M. 271&272 (1999) 256
- Yoshiie, T., see Horiki, M. 283–287 (2000) 282
- Yoshiie, T., see Xu, Q. 283–287 (2000) 297
- Yoshiie, T., see Xu, Q. 283–287 (2000) 1229
- Yoshikawa, M., see Nakashima, Y. 290–293 (2001) 683
- Yoshinaga, M., see Okonogi, K. 274 (1999) 167
- Yoshitake, T., see Ukai, S. 283–287 (2000) 702
- You, G.-S., K.-S. Kim, D.-K. Min and S.-G. Ro, Oxidation kinetic changes of UO_2 by additive addition and irradiation 277 (2000) 325
- You, J.H. and H. Bolt, Analysis of singular interface stresses in dissimilar material joints for plasma facing components 299 (2001) 1

- You, J.H. and H. Bolt, Analytical method for thermal stress analysis of plasma facing materials 299 (2001) 9
- Youchison, D., see Makhankov, A. 290–293 (2001) 1117
- Young, J.S., see Shutthanandan, V. 289 (2001) 128
- Young, K., see Yamamoto, S. 283–287 (2000) 60
- Young, K.M., see Shu, W.M. 290–293 (2001) 482
- Young, K.M., see Skinner, C.H. 290–293 (2001) 486
- Young, L.-j., A fracture mechanics analysis of the PWR nuclear power plant reactor pressure vessel beltline weld 288 (2001) 197
- Youngblood, G.E., C. Lewinsohn, R.H. Jones and A. Kohyama, Tensile strength and fracture surface characterization of Hicalon™ SiC fibers 289 (2001) 1
- Youngblood, G.E., see Kowbel, W. 283–287 (2000) 570
- Youngblood, G.E., see Lewinsohn, C.A. 283–287 (2000) 584
- Youngblood, G.E., see Scholz, R. 289 (2001) 10
- Yu, G., see Yu, J. 283–287 (2000) 372
- Yu, J., and C. Shan, Research progress of fusion materials in CIAE 283–287 (2000) 1077
- Yu, J., see Yao, Z. 271&272 (1999) 512
- Yu, J., Z. Yao, G. Yu, F. Chu, X. Tang, Y. Zeng and T. Noda, The behavior of coatings and SiC_x/SiC composites under thermal shock 283–287 (2000) 1287
- Yuan, X., V. Pulim and L.W. Hobbs, Erratum to ‘Molecular dynamics refinement of topologically generated reconstructions of simulated irradiation cascades in silica networks’ [J. Nucl. Mater. 289 (2001) 71–79] 283–287 (2000) 1077
- Yuan, X., V. Pulim and L.W. Hobbs, Molecular dynamics refinement of topologically generated reconstructions of simulated irradiation cascades in silica networks 295 (2001) 132
- Yui, M., Database development of glass dissolution and radionuclide migration for performance analysis of HLW repository in Japan 289 (2001) 71
- Yurtchenko, A.D., see Bibilashvili, Yu.K. 298 (2001) 136
- Yuya, H., H. Maeta, H. Ohtsuka, N. Matsumoto, H. Sugai, A. Iwase, T. Matsui, T. Suzuki, M. Jinchoh and K. Yamakawa, Diffuse X-ray scattering studies of radiation defects in Ni and dilute Ni alloys 280 (2000) 106
- Zabiégo, M., P. Ghendrih, M. Bécoulet, L. Costanzo, C. De Michelis, C. Friant and J. Gunn, Characterisation of the separatrix position in the ergodic divertor discharges of the Tore Supra tokamak 290–293 (2001) 985
- Zabiégo, M., see Ghendrih, Ph. 290–293 (2001) 798
- Zabusov, O.O., see Gurovich, B.A. 279 (2000) 259
- Zacharie, I., see Combette, P. 275 (1999) 112
- Zagórski, R., see Gerhauser, H. 290–293 (2001) 609
- Zagórski, R., see Lehnen, M. 290–293 (2001) 663
- Zagórski, R., see Rapp, J. 290–293 (2001) 1148
- Zagórski, R., see Stankiewicz, R. 290–293 (2001) 738
- Zakharov, A.P., see Arkhipov, I.I. 271&272 (1999) 418
- Zakharov, A.P., see Arkhipov, I.I. 290–293 (2001) 394
- Zakharov, A.P., see Gorodetsky, A.E. 290–293 (2001) 271
- Zakharov, A.P., see Komarov, D.A. 290–293 (2001) 433
- Zakharov, A.P., see Markin, A.V. 283–287 (2000) 1094
- Zalavutdinov, R.Kh., see Arkhipov, I.I. 296 (2001) 219
- Zalavutdinov, R.Kh., see Arkhipov, I.I. 271&272 (1999) 418
- Zalavutdinov, R.Kh., see Arkhipov, I.I. 290–293 (2001) 394
- Zalavutdinov, R.Kh., see Markin, A.V. 290–293 (2001) 271
- Zalavutdinov, R.Kh., see Markin, A.V. 283–287 (2000) 1094
- Zalavutdinov, R.Kh., Y. Dai, A.E. Gorodetsky, G.S. Bauer, V.Kh. Alimov and A.P. Zakharov, A study on martensitic and austenitic steels after exposure in mercury at 573 K up to 5000 h 296 (2001) 219
- Zaluzec, N.J., see Smith, K.L. 277 (2000) 159
- Zaluzec, N.J., see Soeda, T. 283–287 (2000) 952
- Zanca, P., D. Bettella, S. Martini and M. Valisa, Non-axisymmetric perturbation of the plasma surface in RFX: analysis of magnetic data versus CCD images of plasma-wall interaction 290–293 (2001) 990
- Zanca, P., see Spizzo, G. 290–293 (2001) 1018
- Zanca, P., see Valisa, M. 290–293 (2001) 980
- Zanino, R., see Subba, F. 290–293 (2001) 743
- Zaniol, B., see Puiatti, M.E. 290–293 (2001) 696
- Zaniol, B., see Valisa, M. 290–293 (2001) 980
- Zappa, G., see Vettraino, F. 274 (1999) 23
- Zarrabian, M., see Neu, R. 290–293 (2001) 206
- Zastrow, K.-D., see Strachan, J.D. 290–293 (2001) 972
- Zatekin, V.V., see Guseva, M.I. 290–293 (2001) 1069
- Zaveriaev, V., see Yamamoto, S. 283–287 (2000) 60
- Zavialsky, L.P., see Eliseeva, O.I. 283–287 (2000) 1282
- Zavyalsky, L.P., see Ioltukhovskiy, A.G. 283–287 (2000) 652
- Zaykin, Yu.A., B.A. Aliyev, B.P. Chesnokov and O.A. Kiryushatov, Radiation processing of 271&272 (1999) 7

- powders for improved fusion structural materials 73
- Zbib, H.M., T. Díaz de la Rubia, M. Rhee and J.P. Hirth, 3D dislocation dynamics: stress-strain behavior and hardening mechanisms in fcc and bcc metals 276 (2000) 154
- Zehetbauer, T., see Pautasso, G.
- Zehrfeld, H.-P., see Kallenbach, A.
- Zelada-Lambri, G.I., O.A. Lambri and G.H. Rubiolo, Amplitude dependent damping study in austenitic stainless steels 316H and 304H. Its relation with the microstructure 273 (1999) 248
- Zeng, M., see Gao, X.
- Zeng, Y., see Yu, J.
- Zhai, G.T., see Guo, Q.G.
- Zhang, C. and P.R. Norton, The dissolution of oxide on α -Zr(1%Nb) and β -Zr(20%Nb) alloys 290–293 (2001) 1045
- Zhang, C., K. Chen, Y. Wang, J. Sun, B. Hu, Y. Jin, M. Hou, C. Liu, Y. Sun, J. Han and C. Chen, Microstructural changes in a low-activation Fe–Cr–Mn alloy irradiated with 92 MeV Ar ions at 450 °C 300 (2002) 7
- Zhang, C.H., see Wang, Z.G.
- Zhang, C.-S., see Qin, Z.
- Zhang, D., see Li, F.
- Zhang, L.F., see Guo, Q.G.
- Zhang, N.-M., see Ge, C.-C.
- Zhang, S., see Gong, X.
- Zhang, S.D., see Xie, J.K.
- Zhang, S.Y., see Gao, X.
- Zhang, S.Y., see Xie, J.K.
- Zhang, X., see Gong, X.
- Zhang, X.D., see Gao, X.
- Zhang, X.M., see Gao, X.
- Zhang, Y., K.P. Hart, W.L. Bourcier, R.A. Day, M. Colella, B. Thomas, Z. Aly and A. Jostsons, Kinetics of uranium release from Synroc phases 283–287 (2000) 259
- Zhao, J.Y., see Gao, X.
- Zhao, Y., see Gong, X.
- Zhao, Y.P., see Gao, X.
- Zhao, Y.P., see Xie, J.K.
- Zhen, M., see Gong, X.
- Zhen, M., see Xie, J.K.
- Zheng, Y., M.S. Wechsler, D.J. Dudziak, J.D. Hunn and L.K. Mansur, Simulation of the implantation of recoils and displacement production in the 316 stainless steel mercury-container vessel at SNS 296 (2001) 61
- Zhitlukhin, A., see Safronov, V.
- Zhitlukhin, A., see Scaffidi-Argentina, F.
- Zhmendak, A.V., A. Huber, V.A. Kvitsinskiy, E.V. Mudretskaya, A.V. Nedospasov, V.V. Panechkina, S.N. Pavlov, A. Pospieszczyk, G.V. Sergienko and V.F. Virko, The porous vanadium as a plasma facing material for the fusion devices 290–293 (2001) 220
- Zhou, C., see Yao, Z.
- Zhou, X., see Ye, B.
- Zhou, Z.-J., see Ge, C.-C.
- Zhu, S., see Wang, L.M.
- Ziegler, H., see Penzhorn, R.-D.
- Ziegler, H., see Penzhorn, R.-D.
- Zimmermann, F., see Müller, G.
- Zinkle, S., see Yamamoto, S.
- Zinkle, S.J. and B.N. Singh, Microstructure of Cu–Ni alloys neutron irradiated at 210 °C and 420 °C to 14 dpa 283–287 (2000) 306
- Zinkle, S.J., see Alexander, D.J.
- Zinkle, S.J., see Fabritsiev, S.A.
- Zinkle, S.J., see Hashimoto, N.
- Zinkle, S.J., see Hoelzer, D.T.
- Zinkle, S.J., see Kurtz, R.J.
- Zinkle, S.J., see Muroga, T.
- Zinkle, S.J., see Pokrovsky, A.S.
- Zinkle, S.J., see Rowcliffe, A.F.
- Zinkle, S.J., see Shikama, T.
- Zinkle, S.J., see Snead, L.L.
- Zinkle, S.J., see Stoller, R.E.
- Zisman, A.A., see Belyaeva, L.A.
- Zohm, H., see Lang, P.T.
- Zouev, Yu., see Dolinski, Yu.
- Zouev, Yu.N., see Arbuzov, V.L.
- Zucchetti, M., see Rocco, P.
- Zuhr, R.A., J. Roth, W. Eckstein, U. von Toussaint and J. Luthin, Implantation, erosion, and retention of tungsten in carbon 290–293 (2001) 162
- Zvarich, S.I., see Kashparov, V.A.
- Zweben, S., see Kugel, H.W.
- Zweben, S., see Kugel, H.W.
- Zweben, S.J., see Terry, J.L. 283–287 (2000) 1052
- 283–287 (2000) 1111
- 283–287 (2000) 1287
- 281 (2000) 112
- 283–287 (2000) 1116
- 289 (2001) 122
- 279 (2000) 139
- 288 (2001) 170
- 278 (2000) 85
- 283–287 (2000) 60
- 271&272 (1999) 429
- 283–287 (2000) 523
- 283–287 (2000) 528
- 283–287 (2000) 616
- 283–287 (2000) 70
- 299 (2001) 148
- 283–287 (2000) 404
- 283–287 (2000) 508
- 271&272 (1999) 560
- 283–287 (2000) 545
- 283–287 (2000) 349
- 283–287 (2000) 461
- 290–293 (2001) 374
- 283–287 (2000) 854
- 283–287 (2000) 849
- 283–287 (2000) 1473
- 279 (2000) 225
- 290–293 (2001) 1185
- 300 (2002) 278
- 290–293 (2001) 757