



Author index

- Abe, H. and E. Kuramoto, Recovery of electrical resistivity of high-purity iron irradiated with 30 MeV electrons at 77 K 283–287 (2000) 174
- Abe, K., see Chuto, T. 283–287 (2000) 503
- Abe, K., see Fujiwara, M. 283–287 (2000) 1311
- Abe, K., see Fukuda, T. 283–287 (2000) 263
- Abe, K., see Hasegawa, A. 283–287 (2000) 811
- Abe, K., see Kawano, S. 283–287 (2000) 1220
- Abe, K., see Kohyama, A. 283–287 (2000) 20
- Abe, K., see Kurtz, R.J. 283–287 (2000) 70
- Abe, K., see Nemoto, Y. 283–287 (2000) 1144
- Abe, K., see Nogami, S. 283–287 (2000) 268
- Abe, K., see Satou, M. 283–287 (2000) 367
- Abe, T., see Tsuzuki, K. 283–287 (2000) 681
- Abramov, V.Ya., see Kozlov, A.V. 283–287 (2000) 193
- Abrefah, J.A., see Oliver, B.M. 283–287 (2000) 1006
- Afanasyev-Charkin, I.V., see Gritsyna, V.T. 283–287 (2000) 927
- Aglan, H.A., see Steward, R.V. 283–287 (2000) 1224
- Aiello, G., see Fütterer, M.A. 283–287 (2000) 1375
- Akasaka, N., I. Yamagata and S. Ukai, Effect of temperature gradients on void formation in modified 316 stainless steel cladding 283–287 (2000) 169
- Akasaka, N., see Yamashita, S. 283–287 (2000) 647
- Akiba, M., see Barabash, V. 283–287 (2000) 1248
- Akiba, M., see Sato, K. 283–287 (2000) 1157
- Akimov, I., see Shikov, A. 283–287 (2000) 968
- Akiyama, T., see Tsuzuki, K. 283–287 (2000) 681
- Akiyoshi, M., see Yano, T. 283–287 (2000) 947
- Alamo, A., A. Castaing, A. Fontes and P. Wident, Effects of thermal aging on the mechanical behavior of F82H weldments 283–287 (2000) 1192
- Alamo, A., M. Horsten, X. Averty, 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 283–287 (2000) 353
- Alamo, A., see de Carlan, Y. 283–287 (2000) 672
- Ali, S.M., see Karditsas, P.J. 283–287 (2000) 1346
- Alimov, V., see Ohyabu, N. 283–287 (2000) 1297
- Allen, T.R., see Cole, J.I. 283–287 (2000) 329
- Almazouzi, A., see Bailat, C. 283–287 (2000) 446
- Almazouzi, A., see Schäublin, R. 283–287 (2000) 205
- 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 283–287 (2000) 768
- Alonso, E., see Morishita, K. 283–287 (2000) 753
- Amajev, A.D., see Krasikov, E.A. 283–287 (2000) 846
- Amekura, H., see Kishimoto, N. 283–287 (2000) 907
- Ameyama, K., see Nakata, K. 283–287 (2000) 278
- Amezawa, H., see Kurata, Y. 283–287 (2000) 386
- 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) 1463
- Anderl, R.A., see Petti, D.A. 283–287 (2000) 1390
- Ando, M., see Lewinsohn, C.A. 283–287 (2000) 1258
- Ando, M., see Serizawa, H. 283–287 (2000) 579
- Ando, M., see Tanigawa, H. 283–287 (2000) 470
- 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 283–287 (2000) 423
- Ansari, M.I., see Sugiyama, S. 283–287 (2000) 863
- 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, Y., see Sekimura, N. 283–287 (2000) 224
- Arakawa, K., see Ono, K. 283–287 (2000) 210
- Araki, T., see Nishi, H. 283–287 (2000) 1234
- Arbuzov, 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
- Arinaga, T., see Watanabe, H. 283–287 (2000) 286
- Arkhipov, I., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Arkhipov, N., see Scaffidi-Argentina, F. 283–287 (2000) 1111

- Aruga, T., see Katano, Y. 283–287 (2000) 942
- Atsumi, H. and M. Iseki, Hydrogen absorption process into graphite and carbon materials 283–287 (2000) 1053
- 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
- Bacon, D.J., see Osetsky, Yu.N. 283–287 (2000) 784
- 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., see Baluc, N. 283–287 (2000) 731
- Bailat, C., see Lупpo, M.I. 283–287 (2000) 483
- Bailey, J.L., see Snead, L.L. 283–287 (2000) 551
- Baker, C.C., Advances in fusion technology 283–287 (2000) 1
- Bakhtin, V., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Bakker, K., see Conrad, R. 283–287 (2000) 1351
- Balden, M. and M. Mayer, Removal of deuterium from co-deposited carbon–silicon layers 283–287 (2000) 1057
- Baluc, N., R. Schäublin, C. Bailat, F. Paschoud and M. Victoria, The mechanical properties and microstructure of the OPTIMAX series of low activation ferritic–martensitic steels 283–287 (2000) 731
- Baluc, N., see Bailat, C. 283–287 (2000) 446
- Barabash, V., G. Federici, M. Rödиг, L.L. Snead and C.H. Wu, Neutron irradiation effects on plasma facing materials 283–287 (2000) 138
- Barabash, V., M. Akiba, A. Cardella, I. Mazul, B.C. Odegard Jr., L. Plöchl, R. Tivey and G. Vieider, Armor and heat sink materials joining technologies development for ITER plasma facing components 283–287 (2000) 1248
- Barabash, V., see Ioki, K. 283–287 (2000) 957
- Barabash, V., see Kalinin, G. 283–287 (2000) 10
- Barbier, F., Magnetic field effect on deposition of corrosion products in liquid Pb–17Li 283–287 (2000) 1267
- Barbier, F., see Fütterer, M.A. 283–287 (2000) 1375
- Barsuk, V., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Bauer, G.S., see Dai, Y. 283–287 (2000) 513
- Belianov, I., see Marmy, P. 283–287 (2000) 602
- 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 283–287 (2000) 461
- Belyakov, V., see Yamamoto, S. 283–287 (2000) 60
- 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) 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 283–287 (2000) 1033
- Bergenlid, U., see Lind, A. 283–287 (2000) 451
- Bertsch, J., S. Meyer and A. Möslang, Fatigue behavior and development of microcracks in F82H after helium implantation at 200°C 283–287 (2000) 832
- Bet, M., see Chappuis, Ph. 283–287 (2000) 1081
- Billone, M., see Smith, D.L. 283–287 (2000) 716
- Billone, M.C., see Bray, T.S. 283–287 (2000) 633
- Billone, M.C., see Tsai, H. 283–287 (2000) 362
- Blázquez, F., see Lapeña, J. 283–287 (2000) 1341
- Blokhin, A.I., see Ioltukhovskiy, A.G. 283–287 (2000) 652
- Blokhin, A.I., see Solonin, M.I. 283–287 (2000) 1468
- Bloom, E.E., see Ehrlich, K. 283–287 (2000) 79
- Bolt, H., see Linke, J. 283–287 (2000) 1152
- Bond, G.M., see Sencer, B.H. 283–287 (2000) 324
- Boscary, J., see Cazzola, C. 283–287 (2000) 1073
- Brachet, J.C., see Alamo, A. 283–287 (2000) 353
- 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 283–287 (2000) 633
- Bray, T.S., see Tsai, H. 283–287 (2000) 362
- Bruce, C.A., see Kowbel, W. 283–287 (2000) 570
- Buck, R.F., see Klueh, R.L. 283–287 (2000) 697
- Budylnkin, N.I., see Ioltukhovskiy, A.G. 283–287 (2000) 652
- Budylnkin, N.I., see Porollo, S.I. 283–287 (2000) 239
- Bulatov, V., see Wirth, B.D. 283–287 (2000) 773
- Busnyuk, A., see Ohyabu, N. 283–287 (2000) 1297
- 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
- Cambi, G., see Cepraga, D.G. 283–287 (2000) 1453
- Candra, Y., see Fukumoto, K.-i. 283–287 (2000) 535
- Cao, W.-B., see Ge, C.-C. 283–287 (2000) 1116
- Cardella, A., H. Gorenflo, A. Lodato, K. Ioki and R. Raffray, Effects of plasma disruption events on ITER first wall materials 283–287 (2000) 1105
- 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
- Castaing, A., see Alamo, A. 283–287 (2000) 1192
- Castaing, A., see de Carlan, Y. 283–287 (2000) 672
- Castro, R.G., see Hollis, K.J. 283–287 (2000) 1085
- Caturla, M.J., see Alonso, E. 283–287 (2000) 768
- Causey, R.A., see Nakamura, H. 283–287 (2000) 1043
- Cazzola, C., J. Boscary and R. Matera, Tungsten filament mock-ups for gas box liner 283–287 (2000) 1073

- Cepraga, D.G. and G. Cambi, Material composition and nuclear data libraries' influence on nickel-chromium alloys activation evaluation: a comparison with decay heat experiments 283-287 (2000) 1453
- Chabrol, C., see Conrad, R. 283-287 (2000) 1351
- Chakin, V., see Kazakov, V.A. 283-287 (2000) 727
- Chantant, M., see Chappuis, Ph. 283-287 (2000) 1081
- Chaouadi, R., see Puzzolante, J.-L. 283-287 (2000) 428
- Chaouadi, R., see Scibetta, M. 283-287 (2000) 455
- Chappuis, Ph., see Merola, M. 283-287 (2000) 1068
- Chappuis, Ph., F. Escourbiac, M. Chantant, M. Febvre, M. Grattarola, M. Bet, M. Merola and B. Riccardi, Infrared characterization and high heat flux testing of plasma sprayed layers 283-287 (2000) 1081
- Chen, C., see Zhang, C. 283-287 (2000) 259
- Chen, C.Q., J.G. Sun and Y.C. Xu, Neutron irradiation hardening of ODS alloy tested by miniature disk bend test method 283-287 (2000) 1011
- Chen, F.R., see Duh, T.S. 283-287 (2000) 198
- Chen, J., see Jung, P. 283-287 (2000) 806
- Chen, K., see Zhang, C. 283-287 (2000) 259
- Chernetsov, M.V., see Kozlov, A.V. 283-287 (2000) 193
- Chernov, V.M., see Eliseeva, O.I. 283-287 (2000) 1282
- Chernov, V.M., see Ioltukhovskiy, A.G. 283-287 (2000) 652
- Chernov, V.M., see Kurtz, R.J. 283-287 (2000) 70
- Chernov, V.M., see Solonin, M.I. 283-287 (2000) 1468
- Chernov, V.M., see Stepanov, V.A. 283-287 (2000) 932
- Chin, B.A., see Steward, R.V. 283-287 (2000) 1224
- Chitwood, L.D., see DiStefano, J.R. 283-287 (2000) 841
- Chu, F., see Yu, J. 283-287 (2000) 1077
- 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
- Coad, J.P., see Federici, G. 283-287 (2000) 110
- Cole, J.I. and T.R. Allen, Microstructural changes induced by post-irradiation annealing of neutron-irradiated austenitic stainless steels 283-287 (2000) 329
- Collins, J., see Stubbins, J.F. 283-287 (2000) 982
- Colombo, L., see Malerba, L. 283-287 (2000) 794
- 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 Rödiger, M. 283-287 (2000) 1161
- 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 martensitic steel 283-287 (2000) 183
- Costley, A., see Yamamoto, S. 283-287 (2000) 60
- d'Hulst, D.S., see Rensman, J. 283-287 (2000) 1201
- Dafferner, B., see Röhrig, H.D. 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 283-287 (2000) 513
- Danilov, S.E., see Arbuzov, V.L. 283-287 (2000) 849
- Daum, E., How to improve the irradiation conditions for the International Fusion Materials Irradiation Facility 283-287 (2000) 1001
- Davis, J.W., see Poon, M. 283-287 (2000) 1062
- Davydov, D., see Anderl, R.A. 283-287 (2000) 1463
- Davydov, D., see Kapychev, V. 283-287 (2000) 1429
- 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 283-287 (2000) 1409
- de Almeida, P., see Schäublin, R. 283-287 (2000) 205
- de Carlan, Y., A. Alamo, M.H. Mathon, G. Geoffroy and A. Castaing, Effect of thermal aging on the microstructure and mechanical properties of 7-11 CrW steels 283-287 (2000) 672
- deKock, L., see Yamamoto, S. 283-287 (2000) 96
- Dergunova, E., see Shikov, A. 283-287 (2000) 968
- Derz, H., see Rödiger, M. 283-287 (2000) 1161
- DeVan, J.H., see DiStefano, J.R. 283-287 (2000) 841
- Diaz de la Rubia, T., see Alonso, E. 283-287 (2000) 768
- Diaz de la Rubia, T., see Malerba, L. 283-287 (2000) 794
- Diaz de la Rubia, T., see Morishita, K. 283-287 (2000) 753
- Diaz de la Rubia, T., see Wirth, B.D. 283-287 (2000) 773
- Dietz, J., see Kalinin, G. 283-287 (2000) 10
- 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 283-287 (2000) 841
- Doan, N.V., Interstitial cluster motion in displacement cascades 283-287 (2000) 763
- Dolinski, Yu., I. Lyasota, A. Shestakov, Yu. Repritsev and Yu. Zouev, Heavy hydrogen isotopes penetration through austenitic and martensitic steels 283-287 (2000) 854
- Donahue, E., see Spätig, P. 283-287 (2000) 721
- Donahue, E.G., G.R. Odette and G.E. Lucas, A physically based constitutive model for a V-4Cr-4Ti alloy 283-287 (2000) 637
- Donahue, E.G., G.R. Odette and G.E. Lucas, On the mechanisms and

- mechanics of fracture toughness of a V-4Cr-4Ti alloy 283-287 (2000) 518
- Doroshin, A., see Ohyabu, N. 283-287 (2000) 1297
- Druzhkov, A.P., see Arbizov, V.L. 283-287 (2000) 849
- Dubkov, V.P., see Markin, A.V. 283-287 (2000) 1094
- 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 283-287 (2000) 198
- Duwe, R., see Linke, J. 283-287 (2000) 1152
- Duwe, R., see Rödiger, M. 283-287 (2000) 1161
- 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 283-287 (2000) 157
- Dvoriashin, A.M., see Porollo, S.I. 283-287 (2000) 239
- Eatherly, W.S., see Snead, L.L. 283-287 (2000) 545
- Edwards, D.J., see Fabritsiev, S.A. 283-287 (2000) 523
- Edwards, D.J., see Li, M. 283-287 (2000) 977
- Edwards, D.J., see Pokrovsky, A.S. 283-287 (2000) 404
- Edwards, D.J., see Xu, Q. 283-287 (2000) 1229
- Ehrlich, K., E.E. Bloom and T. Kon-do, International strategy for fusion materials development 283-287 (2000) 79
- Eiholzer, C.R., see Garner, F.A. 283-287 (2000) 380
- Elio, F., see Ioki, K. 283-287 (2000) 957
- Eliseeva, O.I., V.N. Fedirko, V.M. Chernov and L.P. Zaviatsky, Corrosion of V-Ti-Cr alloys in liquid lithium: influence of alloy composition and concentration of nitrogen in lithium 283-287 (2000) 1282
- Emmoth, B., see Rubel, M. 283-287 (2000) 1089
- Enoeda, M., see Hatano, T. 283-287 (2000) 685
- Esaka, H., see Tamura, M. 283-287 (2000) 667
- Escourbiac, F., see Chappuis, Ph. 283-287 (2000) 1081
- Escourbiac, F., see Merola, M. 283-287 (2000) 1068
- Eto, M., see Ishii, T. 283-287 (2000) 1023
- Eto, M., see Johnson, W.R. 283-287 (2000) 622
- Eto, M., see Saito, S. 283-287 (2000) 593
- Ezato, K., see Sato, K. 283-287 (2000) 1157
- Ezawa, T., E. Wakai and R. Oshima, Radiation-induced segregation in model alloys 283-287 (2000) 244
- Fabian, P.E., see Humer, K. 283-287 (2000) 973
- Fabritsiev, S.A. and A.S. Pokrovsky, Radiation resistance of weld joints of type 316 stainless steel containing about 10 appm He 283-287 (2000) 1215
- 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 283-287 (2000) 523
- Fabritsiev, S.A., see Belyakov, V.A. 283-287 (2000) 962
- Fabritsiev, S.A., see Pokrovsky, A.S. 283-287 (2000) 404
- Farnum, E., see Yamamoto, S. 283-287 (2000) 60
- Faulkner, R.G., S. Song and P.E.J. Flewitt, Radiation-induced intergranular segregation in first wall fusion reactor materials 283-287 (2000) 147
- Febvre, M., see Chappuis, Ph. 283-287 (2000) 1081
- Federici, G., J.P. Coad, A.A. Haasz, G. Janeschitz, N. Noda, V. Philipps, 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 283-287 (2000) 110
- Federici, G., see Barabash, V. 283-287 (2000) 138
- Fedirko, V.N., see Eliseeva, O.I. 283-287 (2000) 1282
- Fenici, P., see Hasegawa, A. 283-287 (2000) 128
- Ferguson, P.D., see Hamilton, M.L. 283-287 (2000) 418
- Ferguson, P.D., see Sencer, B.H. 283-287 (2000) 324
- Fernández, P., see Lapeña, J. 283-287 (2000) 662
- Ferraris, M., see Katoh, Y. 283-287 (2000) 1262
- Feuerstein, H., see Perujo, A. 283-287 (2000) 1292
- Flewitt, P.E.J., see Faulkner, R.G. 283-287 (2000) 147
- Fontes, A., see Alamo, A. 283-287 (2000) 1192
- Forrest, R.A., see Richter, D. 283-287 (2000) 1434
- Forty, C.B.A. and P.J. Karditsas, Uses of zirconium alloys in fusion applications 283-287 (2000) 607
- Forty, C.B.A., Compositional optimization of silicon carbide for various fusion blanket designs 283-287 (2000) 1443
- Forty, C.B.A., see Taylor, N.P. 283-287 (2000) 28
- Freiesleben, H., see Richter, D. 283-287 (2000) 1434
- Frolov, V., see Kapychev, V. 283-287 (2000) 1429
- Fujitsuka, M., B. Tsuchiya, I. Mutoh, T. Tanabe and T. Shikama, Effect of neutron irradiation on thermal diffusivity of tungsten-rhenium alloys 283-287 (2000) 1148
- Fujiwara, M., M. Satou, A. Hasegawa and K. Abe, Oxidation and hardness profile of V-Ti-Cr-Si-Al-Y alloys 283-287 (2000) 1311
- Fujiwara, M., see Ukai, S. 283-287 (2000) 702
- Fujiwara, T., see Hirai, T. 283-287 (2000) 1177
- Fukai, K., see Miwa, Y. 283-287 (2000) 273
- Fukai, K., see Nakata, K. 283-287 (2000) 278
- Fukaya, K., see Johnson, W.R. 283-287 (2000) 622
- Fukaya, K., see Saito, S. 283-287 (2000) 593
- Fukuda, K., see Yasuda, K. 283-287 (2000) 937
- 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 283-287 (2000) 263
- Fukumoto, K., see Hayashi, T. 283-287 (2000) 234
- Fukumoto, K., see Nita, N. 283-287 (2000) 291
- Fukumoto, K., see Tsai, H. 283-287 (2000) 362
- Fukumoto, K.-i., H. Matsui, H. Tsai and D.L. Smith, Mechanical

- behavior and microstructural evolution of vanadium alloys irradiated in ATR-A1 283–287 (2000) 492
- 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 283–287 (2000) 535
- Fukuya, K., see Kawano, S. 283–287 (2000) 1220
- Fukuzato, K., see Ohkubo, H. 283–287 (2000) 858
- Fukuzawa, T., see Nagakawa, J. 283–287 (2000) 391
- 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 283–287 (2000) 1375
- Fütterer, M.A., see Conrad, R. 283–287 (2000) 1351
- Gan, Y., see Steward, R.V. 283–287 (2000) 1224
- Gao, F., see Osetsky, Yu.N. 283–287 (2000) 784
- García-Matos, M., A. Moroño and E.R. Hodgson, KU1 quartz glass for remote handling and LIDAR diagnostic optical transmission systems 283–287 (2000) 890
- Garcia-Mazarío, M., see Lapeña, J. 283–287 (2000) 662
- 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 Dvoriashin, A.M. 283–287 (2000) 157
- Garner, F.A., see Hamilton, M.L. 283–287 (2000) 418
- Garner, F.A., see Kohno, Y. 283–287 (2000) 1014
- Garner, F.A., see Oliver, B.M. 283–287 (2000) 1006
- Garner, F.A., see Porollo, S.I. 283–287 (2000) 239
- Garner, F.A., see Sencer, B.H. 283–287 (2000) 164
- Garner, F.A., see Sencer, B.H. 283–287 (2000) 324
- Garner, F.A., see Toloczko, M.B. 283–287 (2000) 409
- Garner, F.A., see Yasuda, K. 283–287 (2000) 937
- Gazda, J., see Tsai, H. 283–287 (2000) 362
- 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
- Gelles, D.S., Microstructural examination of V-(3–6%)Cr-(3–5%)Ti irradiated in the ATR-A1 experiment 283–287 (2000) 344
- Gelles, D.S., On quantification of helium embrittlement in ferritic/martensitic steels 283–287 (2000) 838
- Gelles, D.S., see Greenwood, L.R. 283–287 (2000) 1438
- Gelles, D.S., see van der Schaaf, B. 283–287 (2000) 52
- Geoffroy, G., see de Carlan, Y. 283–287 (2000) 672
- Ghoniem, N.M., see Sharafat, S. 283–287 (2000) 789
- Ghoniem, N.M., see Sun, L.Z. 283–287 (2000) 741
- Giancarli, L., see Fütterer, M.A. 283–287 (2000) 1375
- Glasbrenner, H., J. Konys, H.D. Röhrig, K. Stein-Fechner and Z. Voss, Corrosion of ferritic-martensitic steels in the eutectic Pb-17Li 283–287 (2000) 1332
- Glasbrenner, H., K. Stein-Fechner and J. Konys, Scale structure of aluminised Manet steel after HIP treatment 283–287 (2000) 1302
- Gohar, Y. and D.L. Smith, Multiplier, moderator, and reflector materials for advanced lithium-vanadium fusion blankets 283–287 (2000) 1370
- Golosov, O.A., see Rodchenkov, B.S. 283–287 (2000) 1166
- Golubov, S.I., see Heinisch, H.L. 283–287 (2000) 737
- Golubov, S.I., see Trinkaus, H. 283–287 (2000) 89
- Goncharenko, Yu., see Kazakov, V.A. 283–287 (2000) 727
- Gorenflo, H., see Cardella, A. 283–287 (2000) 1105
- Gorlevsky, V.V., see Davydov, D.A. 283–287 (2000) 1409
- Gorodetsky, A.E., see Markin, A.V. 283–287 (2000) 1094
- Gorokhov, V., see Kapychev, V. 283–287 (2000) 1429
- Gorokhov, V.A., see Davydov, D.A. 283–287 (2000) 1409
- Gorokhov, V.A., see Solonin, M.I. 283–287 (2000) 1468
- 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
- Grattarola, M., see Chappuis, Ph. 283–287 (2000) 1081
- Grattarola, M., see Merola, M. 283–287 (2000) 1068
- 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 Oliver, B.M. 283–287 (2000) 1006
- Gritsyna, V.T., I.V. Afanasyev-Charikin, V.A. Kobayakov and K.E. Sickafus, Neutron irradiation effects in magnesium-aluminate spinel doped with transition metals 283–287 (2000) 927
- Gröschel, F., see Bailat, C. 283–287 (2000) 446
- Grossbeck, M.L., J.F. King and D.T. Hoelzer, Impurity effects on gas tungsten arc welds in V-Cr-Ti alloys 283–287 (2000) 1356
- Grossbeck, M.L., see Steward, R.V. 283–287 (2000) 1224
- Grossbeck, M.L., see Tsai, H. 283–287 (2000) 362
- Haasz, A.A., see Federici, G. 283–287 (2000) 110
- Haasz, A.A., see Poon, M. 283–287 (2000) 1062
- Hagi, S., see Ukai, S. 283–287 (2000) 702

- 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, 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. 283–287 (2000) 1014
- Hamilton, M.L., see Kurtz, R.J. 283–287 (2000) 628
- Hamilton, M.L., see Sencer, B.H. 283–287 (2000) 324
- Hamilton, M.L., see Toloczko, M.B. 283–287 (2000) 987
- Han, J., see Zhang, C. 283–287 (2000) 259
- Hänninen, H., see Tähtinen, S. 283–287 (2000) 255
- Hao, J., see Yao, Z. 283–287 (2000) 1287
- Hara, T., see Ii, T. 283–287 (2000) 898
- Harada, Y., see Mukouda, I. 283–287 (2000) 302
- 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 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 Kuwabara, T. 283–287 (2000) 611
- Hasegawa, T., see Ishino, S. 283–287 (2000) 215
- 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 Klueh, R.L. 283–287 (2000) 697
- 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
- Hassanein, A. and I. Konkashbaev, Hydrodynamic effects of eroded materials of plasma-facing component during a Tokamak disruption 283–287 (2000) 1171
- Hatakeyama, T., see Saito, S. 283–287 (2000) 593
- Hatano, T., S. Suzuki, K. Yokoyama, T. Kuroda and M. Enoeda, High heat flux test of a HIP-bonded first wall panel of reduced activation ferritic steel F-82H 283–287 (2000) 685
- Hatano, Y., Y. Nanjo, R. Hayakawa and K. Watanabe, Permeation of hydrogen through vanadium under helium ion irradiation 283–287 (2000) 868
- Hayakawa, R., see Hatano, Y. 283–287 (2000) 868
- Hayashi, T., K. Fukumoto and H. Matsui, Study of point defect behaviors in vanadium and its alloys by using HVEM 283–287 (2000) 234
- He, M.Y., see Odette, G.R. 283–287 (2000) 120
- Heinisch, H.L., B.N. Singh and S.I. Golubov, The effects of one-dimensional glide on the reaction kinetics of interstitial clusters 283–287 (2000) 737
- Heinisch, H.L., see Xu, Q. 283–287 (2000) 297
- Henager Jr., C.H., see Lewinsohn, C.A. 283–287 (2000) 584
- Heuer, J.K., see Li, M. 283–287 (2000) 977
- Higuchi, T., see Howlader, M.M.R. 283–287 (2000) 885
- Hino, T., see Johnson, W.R. 283–287 (2000) 622
- 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) 376
- Hinoki, T., see Lewinsohn, C.A. 283–287 (2000) 1258
- 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 283–287 (2000) 1177
- Hirohata, Y., see Johnson, W.R. 283–287 (2000) 622
- Hirose, T., H. Sakasegawa, A. Kohyama, Y. Katoh and H. Tanigawa, Effect of specimen size on fatigue properties of reduced activation ferritic/martensitic steels 283–287 (2000) 1018
- Hirose, T., see Kohno, Y. 283–287 (2000) 1014
- Hirth, J.P., see Toloczko, M.B. 283–287 (2000) 409
- Hishinuma, A., see Miwa, Y. 283–287 (2000) 273
- Hishinuma, A., see Miwa, Y. 283–287 (2000) 334
- Hishinuma, A., see Nakata, K. 283–287 (2000) 278
- Hishinuma, A., see Sawai, T. 283–287 (2000) 657
- Hishinuma, A., see Shiba, K. 283–287 (2000) 358
- Hishinuma, A., see Shiba, K. 283–287 (2000) 474
- Hishinuma, A., see Tanigawa, H. 283–287 (2000) 470
- Hishinuma, A., see Wakai, E. 283–287 (2000) 435
- Hodgson, E., see Yamamoto, S. 283–287 (2000) 60
- Hodgson, E.R. and A. Morono, An initial model for the RIED effect 283–287 (2000) 880
- Hodgson, E.R., see García-Matos, M. 283–287 (2000) 890
- Hodgson, E.R., see Martin, P. 283–287 (2000) 894

- Hodgson, E.R., see Vila, R. 283–287 (2000) 903
- Hoelzer, D.T., B.A. Pint and I.G. Wright, A microstructural study of the oxide scale formation on ODS Fe–13Cr steel 283–287 (2000) 1306
- Hoelzer, D.T., M.K. West, S.J. Zinkle and A.F. Rowcliffe, Solute interactions in pure vanadium and V–4Cr–4Ti alloy 283–287 (2000) 616
- Hoelzer, D.T., see Grossbeck, M.L. 283–287 (2000) 1356
- Hoelzer, D.T., see Miwa, Y. 283–287 (2000) 273
- Hoelzer, D.T., see Romanoski, G.R. 283–287 (2000) 642
- Hoelzer, D.T., see Rowcliffe, A.F. 283–287 (2000) 508
- Hojou, K., see Ono, K. 283–287 (2000) 210
- Hollis, K.J., R.G. Castro, C.J. Maggione and A. Ayala, The removal of ion implanted deuterium from tungsten and stainless steel by transferred-arc cleaning 283–287 (2000) 1085
- Holzwarth, U., see Stamm, H. 283–287 (2000) 597
- Horiki, M., T. Yoshiie, Q. Xu, M. Iseki and M. Kiritani, Defect structures introduced in iron under varying temperature neutron irradiation 283–287 (2000) 282
- Horsten, M., see Alamo, A. 283–287 (2000) 353
- Horsten, M.G., see Rensman, J. 283–287 (2000) 1201
- Hoshiya, T., see Ioka, I. 283–287 (2000) 440
- Hoshiya, T., see Ishii, T. 283–287 (2000) 1023
- Hou, M., see Zhang, C. 283–287 (2000) 259
- 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 283–287 (2000) 885
- Howlader, M.M.R., see Shiiyama, K. 283–287 (2000) 912
- Hu, B., see Zhang, C. 283–287 (2000) 259
- Huber, A., see Ohya, K. 283–287 (2000) 1182
- Huber, A., see Tanabe, T. 283–287 (2000) 1128
- 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 283–287 (2000) 973
- Hyatt, D.R., see Nakamura, H. 283–287 (2000) 1043
- Ibbott, C., see Ioki, K. 283–287 (2000) 957
- Ichikawa, K., see Yano, T. 283–287 (2000) 947
- Ichikawa, S., see Ishino, S. 283–287 (2000) 215
- Igawa, N., see Yamada, R. 283–287 (2000) 574
- Ii, T., T. Yoshida, T. Tanabe, T. Hara, M. Okada and K. Yamaguchi, Study on the damaging process of silica by in-reactor luminescence 283–287 (2000) 898
- Iiyama, T., see Mukouda, I. 283–287 (2000) 302
- Iiyoshi, A., see Muroga, T. 283–287 (2000) 711
- Ikeda, Y., see Maekawa, F. 283–287 (2000) 1448
- 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 283–287 (2000) 161
- 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 283–287 (2000) 694
- Inaba, T., see Ishino, S. 283–287 (2000) 215
- Inoue, N., see Nishimura, A. 283–287 (2000) 677
- 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 283–287 (2000) 1187
- 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 283–287 (2000) 440
- Ioki, K., see Cardella, A. 283–287 (2000) 1105
- Ioki, K., see Kalinin, G. 283–287 (2000) 10
- 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 283–287 (2000) 957
- Ioltukhovskiy, A.G., A.I. Blokhin, N.I. Budylnkin, V.M. Chernov, M.V. Leont'eva-Smirnova, E.G. Mironova, E.A. Medvedeva, M.I. Solonin, S.I. Porollo and L.P. Zavyalsky, Material science and manufacturing of heat-resistant reduced-activation ferritic–martensitic steels for fusion 283–287 (2000) 652
- Ioltukhovskiy, A., see Kapychev, V. 283–287 (2000) 1429
- Ioltukhovskiy, A.G., see Solonin, M.I. 283–287 (2000) 1468
- Iseki, M., see Atsumi, H. 283–287 (2000) 1053
- Iseki, M., see Horiki, M. 283–287 (2000) 282
- 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 283–287 (2000) 1023
- Ishino, S., A. Kurui, S. Ichikawa, T. Inaba and T. Hasegawa, The effect of transmutation and displacement in irradiated copper for heat-sink materials 283–287 (2000) 215

- 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 283–287 (2000) 1401
- Ishitsuka, E., see Sato, K. 283–287 (2000) 1157
- Ishiyama, S., see Johnson, W.R. 283–287 (2000) 622
- Ishiyama, S., see Saito, S. 283–287 (2000) 593
- Ishizawa, K., see Tamura, M. 283–287 (2000) 667
- Isobe, K., see Tadokoro, T. 283–287 (2000) 1048
- Isobe, Y., see Fukuda, T. 283–287 (2000) 263
- Itabashi, Y., see Kurata, Y. 283–287 (2000) 386
- Itahashi, Y., see Matsui, Y. 283–287 (2000) 997
- Itoh, S., see Hirai, T. 283–287 (2000) 1177
- Ivanov, A.D., S. Sato and G. Le Marois, Evaluation of hot isostatic pressing for joining of fusion reactor structural components 283–287 (2000) 35
- Ivanov, A.D., see Kozlov, A.V. 283–287 (2000) 193
- Iwai, T., see Ando, M. 283–287 (2000) 423
- Iwai, T., see Nita, N. 283–287 (2000) 291
- Iwai, T., see Sekimura, N. 283–287 (2000) 224
- Iwai, T., see Tanigawa, H. 283–287 (2000) 470
- Iwakiri, H., K. Yasunaga, K. Morishita and N. Yoshida, Microstructure evolution in tungsten during low-energy helium ion irradiation 283–287 (2000) 1134
- Iwamoto, A., see Tanifuji, T. 283–287 (2000) 1419
- Iwamoto, A., see Yamaki, D. 283–287 (2000) 1414
- Izumi, Y., see Shiyama, K. 283–287 (2000) 912
- Jagodzinski, Y., see Tähtinen, S. 283–287 (2000) 255
- James, M.R., see Hamilton, M.L. 283–287 (2000) 418
- James, M.R., see Sencer, B.H. 283–287 (2000) 324
- Janeschitz, G., see Federici, G. 283–287 (2000) 110
- Janeschitz, G., see Ioki, K. 283–287 (2000) 957
- Janeschitz, G., see Yamamoto, S. 283–287 (2000) 60
- Jin, Y., see Zhang, C. 283–287 (2000) 259
- Jitukawa, S., see Wakai, E. 283–287 (2000) 435
- Jitukawa, S., see Wakai, E. 283–287 (2000) 799
- Jitsukawa, S., see Hashimoto, N. 283–287 (2000) 528
- Jitsukawa, S., see Ishii, T. 283–287 (2000) 1023
- Jitsukawa, S., see Kohyama, A. 283–287 (2000) 20
- Jitsukawa, S., see Tanigawa, H. 283–287 (2000) 470
- Jitsukawa, S., see van der Schaaf, B. 283–287 (2000) 52
- Jitsukawa, S., see Yamaki, D. 283–287 (2000) 1414
- Johnson, G., see Ioki, K. 283–287 (2000) 957
- Johnson, W.R., P.W. Trester, S. Senogoku, 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 283–287 (2000) 622
- Johnson, W.R., see Bray, T.S. 283–287 (2000) 633
- Jones, R.E., D. Petrak, J. Rabe and A. Szveda, SYLRAMIC™ SiC fibers for CMC reinforcement 283–287 (2000) 556
- Jones, R.H., see Hasegawa, A. 283–287 (2000) 128
- Jones, R.H., see Hasegawa, A. 283–287 (2000) 811
- Jones, R.H., see Lewinsohn, C.A. 283–287 (2000) 584
- Jung, P., H. Klein and J. Chen, A comparison of defects in helium implanted α - and β -SiC 283–287 (2000) 806
- Jung, P., see Schliefer, F. 283–287 (2000) 540
- Kai, J.J., see Duh, T.S. 283–287 (2000) 198
- Kalinin, G., see Ioki, K. 283–287 (2000) 957
- Kalinin, G., see Majumdar, S. 283–287 (2000) 1424
- Kalinin, G., see Tsuchiya, K. 283–287 (2000) 1210
- Kalinin, G., V. Barabash, A. Cardella, J. Dietz, K. Ioki, R. Matera, R.T. Santoro, R. Tivey and the ITER Home Teams, Assessment and selection of materials for ITER in-vessel components 283–287 (2000) 10
- Kalinin, G.M., see Rodchenkov, B.S. 283–287 (2000) 1166
- Kamada, T., see Fukuda, T. 283–287 (2000) 263
- Kamada, T., see Okita, T. 283–287 (2000) 220
- Kaneshima, Y., see Fukuda, T. 283–287 (2000) 263
- Kano, F., see Kawano, S. 283–287 (2000) 1220
- Kapychev, V., D. Davydov, V. Gorokhov, A. Ioltukhovskiy, 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
- 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. 283–287 (2000) 607
- 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., see Kimura, A. 283–287 (2000) 827
- Kasai, S., see Yamamoto, S. 283–287 (2000) 60
- Katano, Y., see Mukouda, I. 283–287 (2000) 302
- 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 283–287 (2000) 942
- Kato, T., see Tokunaga, K. 283–287 (2000) 1121
- 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 283–287 (2000) 1262
- Katoh, Y., R.E. Stoller, A. Kohyama and T. Muroga, Simulating the influence of radiation temperature variations on microstructural evolution 283–287 (2000) 313

- Katoh, Y., see Ando, M. 283–287 (2000) 423
 Katoh, Y., see Hinoki, T. 283–287 (2000) 376
 Katoh, Y., see Hirose, T. 283–287 (2000) 1018
 Katoh, Y., see Inoue, N. 283–287 (2000) 1187
 Katoh, Y., see Kohno, Y. 283–287 (2000) 1014
 Katoh, Y., see Kohyama, A. 283–287 (2000) 565
 Katoh, Y., see Lewinsohn, C.A. 283–287 (2000) 1258
 Katoh, Y., see Snead, L.L. 283–287 (2000) 545
 Katoh, Y., see Snead, L.L. 283–287 (2000) 551
 Katoh, Y., see Tanigawa, H. 283–287 (2000) 470
 Kawabata, A., see Muroga, T. 283–287 (2000) 711
 Kawakami, R., see Ohya, K. 283–287 (2000) 1182
 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
 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
 Kawashima, H., see Tsuzuki, K. 283–287 (2000) 681
 Kazakov, V.A., see Kurtz, R.J. 283–287 (2000) 70
 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
 Kazennov, Yu., see Kapychev, V. 283–287 (2000) 1429
 Kenzhin, E.A., see Kulsartov, T.V. 283–287 (2000) 872
 Kikuchi, M., see Saito, S. 283–287 (2000) 593
 Kikuchi, T., see Kurata, Y. 283–287 (2000) 386
 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 283–287 (2000) 827
 Kimura, A., see Kasada, R. 283–287 (2000) 188
 Kimura, A., see van der Schaaf, B. 283–287 (2000) 52
 Kimura, H., see Tsuzuki, K. 283–287 (2000) 681
 King, J.F., see Grossbeck, M.L. 283–287 (2000) 1356
 Kinoshita, C., see Howlader, M.M.R. 283–287 (2000) 885
 Kinoshita, C., see Shiiyama, K. 283–287 (2000) 912
 Kinoshita, C., see Soeda, T. 283–287 (2000) 952
 Kinoshita, C., see Yasuda, K. 283–287 (2000) 937
 Kiritani, M., see Horiki, M. 283–287 (2000) 282
 Kiritani, M., see Yoshiie, T. 283–287 (2000) 229
 Kirschner, A., see Rubel, M. 283–287 (2000) 1089
 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 283–287 (2000) 907
 Klein, H., see Jung, P. 283–287 (2000) 806
 Klepikov, E.Yu., see Gorynin, I.V. 283–287 (2000) 465
 Kleykamp, H., Chemical reactivity of SiC fibre-reinforced SiC with beryllium and lithium ceramic breeder materials 283–287 (2000) 1385
 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 283–287 (2000) 478
 Klueh, R.L., N. Hashimoto, R.F. Buck and M.A. Sokolov, A potential new ferritic/martensitic steel for fusion applications 283–287 (2000) 697
 Klueh, R.L., see Romanoski, G.R. 283–287 (2000) 642
 Klueh, R.L., see Shiba, K. 283–287 (2000) 358
 Klueh, R.L., see van der Schaaf, B. 283–287 (2000) 52
 Klueh, R.L., see Wakai, E. 283–287 (2000) 799
 Kobayashi, T., see Ukai, S. 283–287 (2000) 702
 Kobyakov, V.A., see Gritsyna, V.T. 283–287 (2000) 927
 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 283–287 (2000) 1014
 Kohno, Y., see Greenwood, L.R. 283–287 (2000) 1438
 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 283–287 (2000) 565
 Kohyama, A., M. Seki, K. Abe, T. Muroga, H. Matsui, S. Jitsukawa and S. Matsuda, Interactions between fusion materials R&D and other technologies 283–287 (2000) 20
 Kohyama, A., see Ando, M. 283–287 (2000) 423
 Kohyama, A., see Greenwood, L.R. 283–287 (2000) 1438
 Kohyama, A., see Hasegawa, A. 283–287 (2000) 128
 Kohyama, A., see Hinoki, T. 283–287 (2000) 376
 Kohyama, A., see Hirose, T. 283–287 (2000) 1018
 Kohyama, A., see Inoue, N. 283–287 (2000) 1187
 Kohyama, A., see Katoh, Y. 283–287 (2000) 1262
 Kohyama, A., see Katoh, Y. 283–287 (2000) 313
 Kohyama, A., see Kohno, Y. 283–287 (2000) 1014
 Kohyama, A., see Lewinsohn, C.A. 283–287 (2000) 1258
 Kohyama, A., see Snead, L.L. 283–287 (2000) 551
 Kohyama, A., see Tanigawa, H. 283–287 (2000) 470
 Koike, T., see Tsuzuki, K. 283–287 (2000) 681
 Kolbe, H., see Sample, T. 283–287 (2000) 1272
 Kolbe, H., see Sample, T. 283–287 (2000) 1336
 Komori, A., see Hirai, T. 283–287 (2000) 1177
 Kondo, T., see Ehrlich, K. 283–287 (2000) 79
 Konkashbaev, I., see Hassanein, A. 283–287 (2000) 1171
 Konobeev, Yu.V., see Dvoriashin, A.M. 283–287 (2000) 157
 Konobeev, Yu.V., see Porollo, S.I. 283–287 (2000) 239
 Konys, J., see Glasbrenner, H. 283–287 (2000) 1302
 Konys, J., see Glasbrenner, H. 283–287 (2000) 1332
 Kotani, M., see Katoh, Y. 283–287 (2000) 1262
 Kotani, M., see Kohyama, A. 283–287 (2000) 565
 Kovalchuk, Va.D., see Richter, D. 283–287 (2000) 1434
 Kovalchuk, Vi.D., see Richter, D. 283–287 (2000) 1434

- Kovalenko, V., see Kapychev, V. 283–287 (2000) 1429
- 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 283–287 (2000) 570
- 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 CuNiCrSi alloy pre-implanted with helium 283–287 (2000) 193
- Krasikov, E.A. and A.D. Amajev, Hydrogen-irradiated steel interaction during alternating hydrogenation and annealing 283–287 (2000) 846
- Krigan, V.M., see Porollo, S.I. 283–287 (2000) 239
- Krivchenkoa, V.A., see Ilyin, A.M. 283–287 (2000) 694
- Kubota, Y., see Tokunaga, K. 283–287 (2000) 1121
- Kühnlein, W., see Linke, J. 283–287 (2000) 1152
- 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 283–287 (2000) 872
- Kuramoto, E., K. Ohsawa and T. Tsutsumi, Computer simulation of defects interacting with a dislocation in Fe and Ni 283–287 (2000) 778
- Kuramoto, E., see Abe, H. 283–287 (2000) 174
- Kuramoto, E., see Ohkubo, H. 283–287 (2000) 858
- Kuramoto, E., see Onitsuka, T. 283–287 (2000) 922
- Kuramoto, E., see Sugiyama, S. 283–287 (2000) 863
- Kurata, H., see Ono, K. 283–287 (2000) 210
- 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 283–287 (2000) 386
- Kurishita, H., see Kuwabara, T. 283–287 (2000) 611
- Kurkin, S., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Kuroda, T., see Hatano, T. 283–287 (2000) 685
- Kursevich, I.P., see Gorynin, I.V. 283–287 (2000) 465
- Kurtz, R.J. and M.L. Hamilton, Biaxial thermal creep of V–4Cr–4Ti at 700°C and 800°C 283–287 (2000) 628
- Kurtz, R.J., Effect of oxygen on the crack growth behavior of V–4Cr–4Ti at 600°C 283–287 (2000) 822
- 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) 70
- Kurui, A., see Ishino, S. 283–287 (2000) 215
- Kusuhashi, M., see Saito, S. 283–287 (2000) 593
- Kutsuwada, M., see Howlader, M.M.R. 283–287 (2000) 885
- Kutsuwada, M., see Shiiyama, K. 283–287 (2000) 912
- Kuwabara, 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. 283–287 (2000) 1100
- Lakestani, F., see Stamm, H. 283–287 (2000) 597
- Lancha, A.M., see Lapeña, J. 283–287 (2000) 662
- Lapeña, J. and F. Blázquez, Water corrosion of F82H-modified in simulated irradiation conditions by heat treatment 283–287 (2000) 1341
- Lapeña, J., M. Garcia-Mazario, P. Fernández and A.M. Lancha, Chemical segregation behavior under thermal aging of the low-activation F82H-modified steel 283–287 (2000) 662
- Lapin, A.N., see Gorynin, I.V. 283–287 (2000) 465
- Laukkanen, A., see Tähtinen, S. 283–287 (2000) 1028
- Le Marois, G., see Ivanov, A.D. 283–287 (2000) 35
- Lechler, T., see Schlesiak, K. 283–287 (2000) 1196
- Leguey, T., see Marmy, P. 283–287 (2000) 602
- Leont'eva-Smirnova, M.V., see Ioltukhovskiy, A.G. 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 283–287 (2000) 584
- Lewinsohn, C.A., M. Singh, T. Shibayama, 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
- Li Puma, A., see Fütterer, M.A. 283–287 (2000) 1375
- Li, J.-T., see Ge, C.-C. 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 283–287 (2000) 977
- Lind, A. and U. Bergenlid, Mechanical properties of hot isostatic pressed type 316LN steel after irradiation 283–287 (2000) 451
- Linke, J., H. Bolt, R. Duwe, W. Kühnlein, A. Lodato, M. Rödiger, K. Schöpflin and B. Wiechers, High heat flux simulation experiments with improved electron beam diagnostics 283–287 (2000) 1152
- Linke, J., see Rödiger, M. 283–287 (2000) 1161
- Liu, C., see Schliefer, F. 283–287 (2000) 540
- Liu, C., see Zhang, C. 283–287 (2000) 259
- Liu, X., see Ge, C.-C. 283–287 (2000) 1116
- Livshits, A., see Ohyabu, N. 283–287 (2000) 1297
- Lodato, A., see Cardella, A. 283–287 (2000) 1105
- Lodato, A., see Linke, J. 283–287 (2000) 1152
- Lodato, A., see Rödiger, M. 283–287 (2000) 1161

- Longhurst, G.R., see Scaffidi-Argentina, F. 283–287 (2000) 43
- Louthan Jr., M.R., see Hamilton, M.L. 283–287 (2000) 418
- Lowden, R.A., see Snead, L.L. 283–287 (2000) 551
- Lucas, G.E., see Donahue, E.G. 283–287 (2000) 518
- Lucas, G.E., see Donahue, E.G. 283–287 (2000) 637
- Lucas, G.E., see Kurtz, R.J. 283–287 (2000) 70
- Lucas, G.E., see Spätig, P. 283–287 (2000) 721
- Lucas, G.E., see Toloczko, M.B. 283–287 (2000) 987
- Lucas, G.E., see Yamamoto, T. 283–287 (2000) 992
- Lulewicz, J.D., N. Roux, G. Piazza, J. Reimann and J. van der Laan, Behaviour of Li_2ZrO_3 and Li_2TiO_3 pebbles relevant to their utilization as ceramic breeder for the HCPB blanket 283–287 (2000) 1361
- 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
- Lyasota, I., see Dolinski, Yu. 283–287 (2000) 854
- 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
- Maekawa, F., Y.M. Verzilov, D.L. Smith and Y. Ikeda, Experimental study on beryllium-7 production via sequential reactions in lithium-containing compounds irradiated by 14 MeV neutrons 283–287 (2000) 1448
- Maggiore, C.J., see Hollis, K.J. 283–287 (2000) 1085
- Magnani, M., see Coppola, R. 283–287 (2000) 183
- Majumdar, S. and G. Kalinin, ITER structural design criteria and their extension to advanced reactor blankets 283–287 (2000) 1424
- Majumdar, S., see Smith, D.L. 283–287 (2000) 716
- Makarov, O.Yu., see Rodchenkov, B.S. 283–287 (2000) 1166
- Malerba, L., J.M. Perlado, A. Sánchez-Rubio, I. Pastor, L. Colombo and T. Diaz de la Rubia, Molecular dynamics simulation of defect production in irradiated $\beta\text{-SiC}$ 283–287 (2000) 794
- Maloy, S.A., see Dai, Y. 283–287 (2000) 513
- Maloy, S.A., see Hamilton, M.L. 283–287 (2000) 418
- Maloy, S.A., see Sencer, B.H. 283–287 (2000) 324
- Mancinelli, B., see Perujo, A. 283–287 (2000) 1292
- Mancinelli, B., see Sample, T. 283–287 (2000) 1272
- Marian, J., see Alonso, E. 283–287 (2000) 768
- Markin, A.V., V.P. Dubkov, A.E. Gorodetsky, M.A. Negodaev, N.V. Rozhanskii, F. Scaffidi-Argentina, H. Werle, C.H. Wu, R.Kh. Zala-vutdinov and A.P. Zakharov, Co-deposition of deuterium ions with beryllium oxide at elevated temperatures 283–287 (2000) 1094
- Markovskij, D.V., see Richter, D. 283–287 (2000) 1434
- Markushkin, Yu.E., see Davydov, D.A. 283–287 (2000) 1409
- 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
- Martin, P., A. Morono and E.R. Hodgson, Radiation effects on laser damage in KU1 quartz glass 283–287 (2000) 894
- Masamura, K., see Tamura, M. 283–287 (2000) 667
- Matera, R., see Cazzola, C. 283–287 (2000) 1073
- Matera, R., see Kalinin, G. 283–287 (2000) 10
- Matera, R., see Scholz, R. 283–287 (2000) 414
- Materna-Morris, E., see Röhrig, H.D. 283–287 (2000) 498
- Materna-Morris, E.I., see Alamo, A. 283–287 (2000) 353
- Mathon, M.H., see de Carlan, Y. 283–287 (2000) 672
- Matsubara, T., see Tokunaga, K. 283–287 (2000) 1121
- Matsuda, S., see Kohyama, A. 283–287 (2000) 20
- Matsui, H., see Fukumoto, K.-i. 283–287 (2000) 492
- Matsui, H., see Fukumoto, K.-i. 283–287 (2000) 535
- Matsui, H., see Hayashi, T. 283–287 (2000) 234
- Matsui, H., see Kimura, A. 283–287 (2000) 827
- Matsui, H., see Kohyama, A. 283–287 (2000) 20
- Matsui, H., see Kurtz, R.J. 283–287 (2000) 70
- Matsui, H., see Nagasaka, T. 283–287 (2000) 816
- Matsui, H., see Nita, N. 283–287 (2000) 291
- Matsui, H., see Tsai, H. 283–287 (2000) 362
- Matsui, H., see Yamamoto, T. 283–287 (2000) 992
- Matsui, T., S. Muto and T. Tanabe, TEM study on deuterium-irradiation-induced defects in tungsten and molybdenum 283–287 (2000) 1139
- Matsui, Y., Y. Itahashi, M. Shimizu and H. Tsuji, Irradiation-coupling techniques using JMTR and another facility 283–287 (2000) 997
- Matsumura, S., see Shiiyama, K. 283–287 (2000) 912
- Matsumura, S., see Soeda, T. 283–287 (2000) 952
- Mattas, R., see Smith, D.L. 283–287 (2000) 716
- May, R.P., see Coppola, R. 283–287 (2000) 183
- Mayer, M., see Balden, M. 283–287 (2000) 1057
- Mazul, I., see Barabash, V. 283–287 (2000) 1248
- Mazul, I.V., see Belyakov, V.A. 283–287 (2000) 962
- McCarthy, K.A., see Taylor, N.P. 283–287 (2000) 28
- Meadows, J.W., see Greenwood, L.R. 283–287 (2000) 1438
- Medvedeva, E.A., see Ioltukhovskiy, A.G. 283–287 (2000) 652
- 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
- Merola, M., see Chappuis, Ph. 283–287 (2000) 1081
- Merola, M., see Rödiger, M. 283–287 (2000) 1161
- Meyer, S., see Bertsch, J. 283–287 (2000) 832
- Miki, N., see Ioki, K. 283–287 (2000) 957

- Mimura, H., see Ioka, I. 283–287 (2000) 440
Mimura, H., see Kurata, Y. 283–287 (2000) 386
Min, J., see Stubbins, J.F. 283–287 (2000) 982
Mironova, E., see Scaffidi-Argentina, F. 283–287 (2000) 1111
Mironova, E.G., see Ioltukhovskiy, A.G. 283–287 (2000) 652
Mironova, E.G., see Porollo, S.I. 283–287 (2000) 239
Mitsuyama, T., see Terai, T. 283–287 (2000) 1322
Miura, Y., see Tsuzuki, K. 283–287 (2000) 681
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 283–287 (2000) 334
Miwa, Y., see Ioka, I. 283–287 (2000) 440
Miwa, Y., see Klueh, R.L. 283–287 (2000) 478
Miwa, Y., see Sekimura, N. 283–287 (2000) 224
Miwa, Y., see Shiba, K. 283–287 (2000) 358
Miwa, Y., see Wakai, E. 283–287 (2000) 799
Miwa, Y., T. Sawai, K. Fukai, D.T. Hoelzer and A. Hishinuma, Microstructures in Ti–Al intermetallic compounds irradiated at 673 K in HFIR 283–287 (2000) 273
Miyamoto, Y., see Tokunaga, K. 283–287 (2000) 1121
Mizuta, S., see Uehira, A. 283–287 (2000) 396
Mizuta, S., see Ukai, S. 283–287 (2000) 702
Montorsi, M., see Katoh, Y. 283–287 (2000) 1262
Morioka, T., see Sekimura, N. 283–287 (2000) 758
Morishita, K., see Iwakiri, H. 283–287 (2000) 1134
Morishita, K., see Sekimura, N. 283–287 (2000) 758
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 283–287 (2000) 753
Moroño, A., see García-Matos, M. 283–287 (2000) 890
Moroño, A., see Hodgson, E.R. 283–287 (2000) 880
Moroño, A., see Martin, P. 283–287 (2000) 894
Möslang, A., see Bertsch, J. 283–287 (2000) 832
Möslang, A., see Coppola, R. 283–287 (2000) 183
Möslang, A., see van der Schaaf, B. 283–287 (2000) 52
Motojima, O., see Hirai, T. 283–287 (2000) 1177
Motojima, O., see Inoue, N. 283–287 (2000) 1187
Motojima, O., see Nishimura, H. 283–287 (2000) 1326
Mukouda, I., see Shimomura, Y. 283–287 (2000) 249
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 283–287 (2000) 302
Murakawa, H., see Serizawa, H. 283–287 (2000) 579
Murase, Y., see Nagakawa, J. 283–287 (2000) 391
Muroga, T., see Hamaguchi, D. 283–287 (2000) 319
Muroga, T., see Inoue, N. 283–287 (2000) 1187
Muroga, T., see Katoh, Y. 283–287 (2000) 313
Muroga, T., see Kohyama, A. 283–287 (2000) 20
Muroga, T., see Kurtz, R.J. 283–287 (2000) 70
Muroga, T., see Nagasaka, T. 283–287 (2000) 816
Muroga, T., see Nishimura, A. 283–287 (2000) 677
Muroga, T., see Watanabe, H. 283–287 (2000) 286
Muroga, T., see Yasunaga, K. 283–287 (2000) 179
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 283–287 (2000) 711
Muto, S. and T. Tanabe, Temperature effect of electron-irradiation-induced structural modification in graphite 283–287 (2000) 917
Muto, S., see Matsui, T. 283–287 (2000) 1139
Mutoh, I., see Fujitsuka, M. 283–287 (2000) 1148
Nagakawa, J., see Yamamoto, N. 283–287 (2000) 400
Nagakawa, J., Y. Murase, N. Yamamoto and T. Fukuzawa, Irradiation creep at 60°C in SUS 316 and its impact on fatigue fracture 283–287 (2000) 391
Nagasaka, T., H. Takahashi, T. Muroga, T. Tanabe and H. Matsui, Recovery and recrystallization behavior of vanadium at various controlled nitrogen and oxygen levels 283–287 (2000) 816
Nagasaka, T., see Inoue, N. 283–287 (2000) 1187
Nagasaka, T., see Muroga, T. 283–287 (2000) 711
Nagasaka, T., see Nishimura, A. 283–287 (2000) 677
Nagata, S. and K. Takahiro, Deuterium retention in tungsten and molybdenum 283–287 (2000) 1038
Nagata, S., see Fukumoto, K.-i. 283–287 (2000) 535
Naito, A., see Sekimura, N. 283–287 (2000) 224
Nakahara, Y., see Ohyabu, N. 283–287 (2000) 1297
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 283–287 (2000) 1043
Nakamura, Y., see Ohyabu, N. 283–287 (2000) 1297
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 283–287 (2000) 278
Nakayasu, T., see Kohyama, A. 283–287 (2000) 565
Nakazawa, T., see Katano, Y. 283–287 (2000) 942
Nakazawa, T., see Mukouda, I. 283–287 (2000) 302
Namba, C., see Nishimura, A. 283–287 (2000) 677
Nanjo, Y., see Hatano, Y. 283–287 (2000) 868
Nardi, C., see Coppola, R. 283–287 (2000) 1243
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
- Negodaev, M.A., see Markin, A.V. 283–287 (2000) 1094
- Nemoto, Y., A. Hasegawa, M. Satou and K. Abe, Microstructural development of neutron irradiated W–Re alloys 283–287 (2000) 1144
- Nesterova, E.V., see Gorynin, I.V. 283–287 (2000) 465
- Neustroev, V.S., see Ilyin, A.M. 283–287 (2000) 694
- 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 Nakamura, H. 283–287 (2000) 1043
- Nishi, M., see Tadokoro, T. 283–287 (2000) 1048
- Nishi, Y., see Inoue, N. 283–287 (2000) 1187
- Nishida, Y., see Fukuda, T. 283–287 (2000) 263
- Nishimura, A., see Inoue, N. 283–287 (2000) 1187
- Nishimura, A., T. Nagasaka, N. Inoue, T. Muroga and C. Namba, 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
- Nishitani, T., see Yamamoto, S. 283–287 (2000) 60
- Nita, N., T. Iwai, K. Fukumoto and H. Matsui, Effects of temperature change on the microstructural evolution of vanadium alloys under ion irradiation 283–287 (2000) 291
- Noda, K., see Katano, Y. 283–287 (2000) 942
- Noda, K., see Mukouda, I. 283–287 (2000) 302
- Noda, K., see Snead, L.L. 283–287 (2000) 545
- Noda, N., see Federici, G. 283–287 (2000) 110
- Noda, N., see Ohya, K. 283–287 (2000) 1182
- Noda, N., see Tokunaga, K. 283–287 (2000) 1121
- Noda, N., see Yasunaga, K. 283–287 (2000) 179
- Noda, T., see Yu, J. 283–287 (2000) 1077
- 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 283–287 (2000) 268
- Nogami, S., see Hasegawa, A. 283–287 (2000) 811
- Notkin, M., see Ohyabu, N. 283–287 (2000) 1297
- Nowicki, L.J., see Bray, T.S. 283–287 (2000) 633
- O'hira, S., see Nakamura, H. 283–287 (2000) 1043
- O'hira, S., see Tadokoro, T. 283–287 (2000) 1048
- Ochiai, K., see Watanabe, H. 283–287 (2000) 286
- Oda, T., see Johnson, W.R. 283–287 (2000) 622
- Odegard Jr., B.C., see Barabash, V. 283–287 (2000) 1248
- Odegard Jr., B.C., see Cadden, C.H. 283–287 (2000) 1253
- Odette, G.R. and M.Y. He, A cleavage toughness master curve model 283–287 (2000) 120
- Odette, G.R., see Donahue, E.G. 283–287 (2000) 518
- Odette, G.R., see Donahue, E.G. 283–287 (2000) 637
- Odette, G.R., see Kurtz, R.J. 283–287 (2000) 70
- Odette, G.R., see Spätig, P. 283–287 (2000) 721
- Odette, G.R., see van der Schaaf, B. 283–287 (2000) 52
- Odette, G.R., see Yamamoto, T. 283–287 (2000) 992
- Ogawa, T., see Tsuzuki, K. 283–287 (2000) 681
- Oguri, K., see Inoue, N. 283–287 (2000) 1187
- Ohgo, T., see Ohya, K. 283–287 (2000) 1182
- Ohgo, T., see Tanabe, T. 283–287 (2000) 1128
- Ohkubo, H., S. Sugiyama, K. Fukuzato, 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. 283–287 (2000) 922
- Ohkubo, H., see Sugiyama, S. 283–287 (2000) 863
- Ohkubo, H., see Yoshiie, T. 283–287 (2000) 229
- Ohmi, M., see Ishii, T. 283–287 (2000) 1023
- Ohnuki, S., see Aoyagi, K. 283–287 (2000) 876
- Ohnuki, S., see Greenwood, L.R. 283–287 (2000) 1438
- Ohnuki, S., see Yamashita, S. 283–287 (2000) 647
- Ohsaka, T., see Ueda, S. 283–287 (2000) 1100
- Ohsawa, K., see Kuramoto, E. 283–287 (2000) 778
- Ohsawa, K., see Sugiyama, S. 283–287 (2000) 863
- 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., see Tanabe, T. 283–287 (2000) 1128
- 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
- Okada, M., see Ii, T. 283–287 (2000) 898
- Okamura, K., see Kohyama, A. 283–287 (2000) 565
- Okita, T., T. Kamada and N. Sekimura, Effects of dose rate on microstructural evolution and swelling in austenitic steels under irradiation 283–287 (2000) 220
- Okuda, T., see Ukai, S. 283–287 (2000) 702
- 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 283–287 (2000) 1006
- Oliver, B.M., see Greenwood, L.R. 283–287 (2000) 1438
- Oliver, B.M., see Hasegawa, A. 283–287 (2000) 811
- Oliver, B.M., see Sencer, B.H. 283–287 (2000) 324
- Onitsuka, T., H. Ohkubo, M. Takenaka, N. Tsukuda and E. Kuramoto, Positron lifetime calculation for defects and defect clusters in graphite 283–287 (2000) 922

- Ono, K., K. Arakawa, M. Oohashi, H. Kurata, K. Hojou and N. Yoshida, Formation and migration of helium bubbles in Fe-16Cr-17Ni austenitic alloy at high temperature 283-287 (2000) 210
- 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
- Orlinski, D., see Yamamoto, S. 283-287 (2000) 60
- 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
- Oshima, R., see Ezawa, T. 283-287 (2000) 244
- Ostrovsky, Z., see Kazakov, V.A. 283-287 (2000) 727
- Pantsyrnyi, V., see Shikov, A. 283-287 (2000) 968
- Paschoud, F., see Baluc, N. 283-287 (2000) 731
- Pastor, I., see Malerba, L. 283-287 (2000) 794
- Patel, K., see Kowbel, W. 283-287 (2000) 570
- Pawelko, R.J., see Anderl, R.A. 283-287 (2000) 1463
- Paxton, M.M., see Garner, F.A. 283-287 (2000) 380
- Perlado, J.M., see Alonso, E. 283-287 (2000) 768
- Perlado, J.M., see Malerba, L. 283-287 (2000) 794
- Perujo, A., J. Reimann, H. Feuerstein and B. Mancinelli, The oxidation kinetics of Incoloy 800 and its deuterium permeation behavior 283-287 (2000) 1292
- Perujo, A., see Sample, T. 283-287 (2000) 1272
- Petersen, C., see Belyaeva, L.A. 283-287 (2000) 461
- Petrak, D., see Jones, R.E. 283-287 (2000) 556
- Petti, D.A., G.R. Smolik and R.A. Anderl, On the mechanisms associated with the chemical reactivity of Be in steam 283-287 (2000) 1390
- Petti, D.A., see Smolik, G.R. 283-287 (2000) 1458
- Petti, D.A., see Taylor, N.P. 283-287 (2000) 28
- Philipps, V., see Federici, G. 283-287 (2000) 110
- Philipps, V., see Ohya, K. 283-287 (2000) 1182
- Philipps, V., see Rubel, M. 283-287 (2000) 1089
- Philipps, V., see Tanabe, T. 283-287 (2000) 1128
- Piazza, G., F. Scaffidi-Argentina and H. Werle, Post-irradiation examinations of Li₄SiO₄ pebbles irradiated in the EXOTIC-7 experiment 283-287 (2000) 1396
- Piazza, G., see Lulewicz, J.D. 283-287 (2000) 1361
- Pint, B.A., see DiStefano, J.R. 283-287 (2000) 841
- Pint, B.A., see Hoelzer, D.T. 283-287 (2000) 1306
- Plaksin, O.A., see Kishimoto, N. 283-287 (2000) 907
- Plöchl, L., see Merola, M. 283-287 (2000) 1068
- Plöchl, L., see Tokunaga, K. 283-287 (2000) 1121
- Plöchl, L., see Barabash, V. 283-287 (2000) 1248
- 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) 1215
- 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
- Porollo, S.I., A.M. Dvoriashin, A.N. Vorobjev, Yu.V. Konobeev, V.M. Krigan, E.G. Mironova, N.I. Budylnkin 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
- Porollo, S.I., see Ioltukhovskiy, A.G. 283-287 (2000) 652
- Pospieszczyk, A., see Ohya, K. 283-287 (2000) 1182
- Pospieszczyk, A., see Tanabe, T. 283-287 (2000) 1128
- Potapova, V.A., see Belyaeva, L.A. 283-287 (2000) 461
- Pott, G., see Rödig, M. 283-287 (2000) 1161
- Prokhorov, V.I., see Rodchenkov, B.S. 283-287 (2000) 1166
- Provenzano, V., see Stamm, H. 283-287 (2000) 597
- Puigh, R.J., see Garner, F.A. 283-287 (2000) 380
- Puigh, R.J., see Uehira, A. 283-287 (2000) 396
- 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) 283-287 (2000) 428
- Puzzolante, J.L., see Scibetta, M. 283-287 (2000) 455
- Qualls, A.L., see Snead, L.L. 283-287 (2000) 545
- Rabe, J., see Jones, R.E. 283-287 (2000) 556
- Raffray, R., see Cardella, A. 283-287 (2000) 1105
- Raspopova, G.A., see Arbusov, V.L. 283-287 (2000) 849
- 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 283-287 (2000) 1206
- Reimann, J., see Lulewicz, J.D. 283-287 (2000) 1361
- Reimann, J., see Perujo, A. 283-287 (2000) 1292
- 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) 1201
- Repritsev, Yu., see Dolinski, Yu. 283-287 (2000) 854
- Reutov, V.F., see Kozlov, A.V. 283-287 (2000) 193
- Riccardi, B., see Chappuis, Ph. 283-287 (2000) 1081
- Riccardi, B., see Coppola, R. 283-287 (2000) 1243
- Riccardi, B., see Hasegawa, A. 283-287 (2000) 128
- Rice, J.A., see Humer, K. 283-287 (2000) 973
- 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) 1434

- Rieth, M., see Alamo, A. 283–287 (2000) 353
 Rieth, M., see Röhrig, H.D. 283–287 (2000) 498
 Rigal, E., see Conrad, R. 283–287 (2000) 1351
 Robertson, J.P., see Greenwood, L.R. 283–287 (2000) 1438
 Robertson, J.P., see Hashimoto, N. 283–287 (2000) 528
 Robertson, J.P., see Klueh, R.L. 283–287 (2000) 478
 Robertson, J.P., see Miwa, Y. 283–287 (2000) 334
 Robertson, J.P., see Shiba, K. 283–287 (2000) 358
 Robertson, J.P., see Wakai, E. 283–287 (2000) 435
 Robertson, J.P., see Wakai, E. 283–287 (2000) 799
 Rocco, P. and M. Zucchetti, Waste management for different fusion reactor designs 283–287 (2000) 1473
 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 283–287 (2000) 1166
 Rödiger, 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 283–287 (2000) 1161
 Rödiger, M., see Barabash, V. 283–287 (2000) 138
 Rödiger, M., see Linke, J. 283–287 (2000) 1152
 Röhrig, H.D., M. Rieth, B. Dafferner and E. Materna-Morris, V-alloy embrittlement by irradiation in a cooling gas environment 283–287 (2000) 498
 Röhrig, H.D., see DiStefano, J.R. 283–287 (2000) 841
 Röhrig, H.D., see Glasbrenner, H. 283–287 (2000) 1332
 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 283–287 (2000) 642
 Rosenkranz, P., see Humer, K. 283–287 (2000) 973
 Roth, J., see Federici, G. 283–287 (2000) 110
 Roux, N., see Lulewicz, J.D. 283–287 (2000) 1361
 Roux, N., see van der Laan, J.G. 283–287 (2000) 99
 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 283–287 (2000) 508
 Rowcliffe, A.F., see Belyakov, V.A. 283–287 (2000) 962
 Rowcliffe, A.F., see Fabritsiev, S.A. 283–287 (2000) 523
 Rowcliffe, A.F., see Hashimoto, N. 283–287 (2000) 528
 Rowcliffe, A.F., see Hoelzer, D.T. 283–287 (2000) 616
 Rowcliffe, A.F., see Miwa, Y. 283–287 (2000) 334
 Rowcliffe, A.F., see Pokrovsky, A.S. 283–287 (2000) 404
 Rozhanskii, N.V., see Markin, A.V. 283–287 (2000) 1094
 Rubel, M., see Ohya, K. 283–287 (2000) 1182
 Rubel, M., see Tanabe, T. 283–287 (2000) 1128
 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 283–287 (2000) 1089
 Ruvutuso, G., see Fütterer, M.A. 283–287 (2000) 1375
 Rybin, V.V., see Belyaeva, L.A. 283–287 (2000) 461
 Rybin, V.V., see Gorynin, I.V. 283–287 (2000) 465
 Safronov, V., see Scaffidi-Argentina, F. 283–287 (2000) 1111
 Sagara, A., see Nishimura, H. 283–287 (2000) 1326
 Sagisaka, M., see Fukuda, T. 283–287 (2000) 263
 Saito, J., see Ishii, T. 283–287 (2000) 1023
 Saito, S., K. Fukaya, S. Ishiyama, M. Eto, I. Sato, M. Kusuhashi, T. Hatakeyama, H. Takahashi and M. Kikuchi, Characterization of non-magnetic Mn–Cr steel as a low induced activation material for vacuum vessels 283–287 (2000) 593
 Sakaguchi, N., see Watanabe, S. 283–287 (2000) 152
 Sakasegawa, H., see Hirose, T. 283–287 (2000) 1018
 Sakata, M., see Muroga, T. 283–287 (2000) 711
 Sakurai, S., see Muroga, T. 283–287 (2000) 711
 Salvo, M., see Katoh, Y. 283–287 (2000) 1262
 Samartsev, A., see Ohyabu, N. 283–287 (2000) 1297
 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 283–287 (2000) 1336
 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 283–287 (2000) 1272
 Sánchez-Rubio, A., see Malerba, L. 283–287 (2000) 794
 Sannazzaro, G., see Ioki, K. 283–287 (2000) 957
 Santoro, R.T., see Kalinin, G. 283–287 (2000) 10
 Sardain, P., see Fütterer, M.A. 283–287 (2000) 1375
 Sasanuma, H., see Fukumoto, K.-i. 283–287 (2000) 535
 Sato, I., see Saito, S. 283–287 (2000) 593
 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 283–287 (2000) 1157
 Sato, M., see Fukuda, T. 283–287 (2000) 263
 Sato, M., see Kohyama, A. 283–287 (2000) 565
 Sato, M., see Tsuzuki, K. 283–287 (2000) 681
 Sato, S., see Ivanov, A.D. 283–287 (2000) 35
 Satoh, Y., see Yoshiie, T. 283–287 (2000) 229
 Satou, M., see Chuto, T. 283–287 (2000) 503
 Satou, M., see Fujiwara, M. 283–287 (2000) 1311
 Satou, M., see Kawano, S. 283–287 (2000) 1220
 Satou, M., see Nemoto, Y. 283–287 (2000) 1144
 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 283–287 (2000) 367
- Sawai, T., K. Shiba and A. Hishinuma, Microstructure of welded and thermal-aged low activation steel F82H IEA heat 283–287 (2000) 657
- Sawai, T., see Miwa, Y. 283–287 (2000) 273
- Sawai, T., see Wakai, E. 283–287 (2000) 435
- 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. 283–287 (2000) 1463
- Scaffidi-Argentina, F., see Markin, A.V. 283–287 (2000) 1094
- Scaffidi-Argentina, F., see Piazza, G. 283–287 (2000) 1396
- 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
- Schäfer, L., Tensile and impact behavior of the reduced-activation steels OPTIFER and F82H mod 283–287 (2000) 707
- Schäfer, L., see Schleisiek, K. 283–287 (2000) 1196
- 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
- Schäublin, R., see Bailat, C. 283–287 (2000) 446
- Schäublin, R., see Baluc, N. 283–287 (2000) 731
- Schäublin, R., see Luppó, M.I. 283–287 (2000) 483
- Schleisiek, K., T. Lechler, L. Schäfer and P. Weimar, Diffusion welding parameters and mechanical properties of martensitic chromium steels 283–287 (2000) 1196
- 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
- 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
- Schöpflin, K., see Linke, J. 283–287 (2000) 1152
- Schuetz, S.T., see Smolik, G.R. 283–287 (2000) 1458
- Schweer, B., see Ohya, K. 283–287 (2000) 1182
- Schweer, B., see Tanabe, T. 283–287 (2000) 1128
- Scibetta, M., R. Chaouadi and J.L. Puzzolante, Analysis of tensile and fracture toughness results on irradiated molybdenum alloys, TZM and Mo–5%Re 283–287 (2000) 455
- Scibetta, M., see Puzzolante, J.-L. 283–287 (2000) 428
- Seidel, K., see Richter, D. 283–287 (2000) 1434
- 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
- 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
- Sengoku, S., see Johnson, W.R. 283–287 (2000) 622
- 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
- Serra, A., see Osetsky, Yu.N. 283–287 (2000) 784
- Serra, E., see Benamati, G. 283–287 (2000) 1033
- Shamardin, V.K., see Ilyin, A.M. 283–287 (2000) 694
- Shamardin, V.K., see Rodchenkov, B.S. 283–287 (2000) 1166
- Shan, C., see Yao, Z. 283–287 (2000) 1287
- Sharafat, S. and N.M. Ghoniem, Comparison of a microstructure evolution model with experiments on irradiated vanadium 283–287 (2000) 789
- Shen, W.-P., see Ge, C.-C. 283–287 (2000) 1116
- Shestakov, A., see Dolinski, Yu. 283–287 (2000) 854
- Shestakov, V., see Scaffidi-Argentina, F. 283–287 (2000) 43
- Shestakov, V.P., see Ilyin, A.M. 283–287 (2000) 161
- Shestakov, V.P., see Ilyin, A.M. 283–287 (2000) 694
- Shestakov, V.P., see Kulsartov, T.V. 283–287 (2000) 872
- Shiba, 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. 283–287 (2000) 1438
- Shiba, K., see Klueh, R.L. 283–287 (2000) 478
- Shiba, K., see Miwa, Y. 283–287 (2000) 334
- Shiba, K., see Sawai, T. 283–287 (2000) 657
- Shiba, K., see Wakai, E. 283–287 (2000) 799
- Shiba, K., see Yamamoto, N. 283–287 (2000) 400
- Shibata, T., see Tsuzuki, K. 283–287 (2000) 681
- Shibayama, T., see Lewinsohn, C.A. 283–287 (2000) 1258
- Shiiyama, K., M.M.R. Howlader, Y. Izumi, M. Kutsuwada, S. Matsu-mura and C. Kinoshita, Current-voltage characteristic of alumina and aluminum nitride with or without electron irradiation 283–287 (2000) 912
- Shiiyama, K., see Howlader, M.M.R. 283–287 (2000) 885
- Shikama, T., see Fujitsuka, M. 283–287 (2000) 1148
- Shikama, T., see Yamamoto, S. 283–287 (2000) 60
- Shikov, A., A. Nikulin, V. Pantsyrnyi, A. Vorobieva, G. Vedernikov, A. Silaev, E. Dergunova, S. Soudiev and I. Akimov, Russian super-conducting materials for magnet systems of fusion reactors 283–287 (2000) 968
- Shikov, A., see Kapychev, V. 283–287 (2000) 1429
- Shikov, A.K., see Solonin, M.I. 283–287 (2000) 1468
- Shimakawa, S., see Kurata, Y. 283–287 (2000) 386
- Shimizu, M., see Matsui, Y. 283–287 (2000) 997
- Shimomura, Y. and I. Mukouda, De-velopment of vacancy clusters in neutron-irradiated copper at high temperature 283–287 (2000) 249
- Shimomura, Y., see Mukouda, I. 283–287 (2000) 302
- Shinavski, R., see Hinoki, T. 283–287 (2000) 376
- Shindo, M., see Kurata, Y. 283–287 (2000) 386
- Shinozuka, K., see Tamura, M. 283–287 (2000) 667
- Shishkin, N., see Kapychev, V. 283–287 (2000) 1429
- Shishkov, N., see Kapychev, V. 283–287 (2000) 1429
- Shu, W., see Nakamura, H. 283–287 (2000) 1043
- Shu, W., see Tadokoro, T. 283–287 (2000) 1048
- Sickafus, K.E., see Gritsyna, V.T. 283–287 (2000) 927
- Silaev, A., see Shikov, A. 283–287 (2000) 968
- Simonen, E.P., see Lewinsohn, C.A. 283–287 (2000) 584
- Singh, B.N., see Heinisch, H.L. 283–287 (2000) 737
- Singh, B.N., see Osetsky, Yu.N. 283–287 (2000) 784
- Singh, B.N., see Sun, L.Z. 283–287 (2000) 741
- Singh, B.N., see Tähtinen, S. 283–287 (2000) 1028
- Singh, B.N., see Tähtinen, S. 283–287 (2000) 1238
- Singh, B.N., see Trinkaus, H. 283–287 (2000) 89
- Singh, B.N., see Zinkle, S.J. 283–287 (2000) 306
- Singh, M., see Lewinsohn, C.A. 283–287 (2000) 1258
- Skinner, C.H., see Federici, G. 283–287 (2000) 110
- Smid, I., see Merola, M. 283–287 (2000) 1068
- Smith, D.L., S. Majumdar, M. Billone and R. Mattas, Performance limits for fusion first-wall structural materials 283–287 (2000) 716
- Smith, D.L., see Bray, T.S. 283–287 (2000) 633
- Smith, D.L., see Fukumoto, K.-i. 283–287 (2000) 492
- Smith, D.L., see Gohar, Y. 283–287 (2000) 1370
- Smith, D.L., see Kurtz, R.J. 283–287 (2000) 70
- Smith, D.L., see Maekawa, F. 283–287 (2000) 1448
- Smith, D.L., see Reed, C.B. 283–287 (2000) 1206
- Smith, D.L., see Tsai, H. 283–287 (2000) 362
- Smolik, G., see Anderl, R.A. 283–287 (2000) 1463
- Smolik, G.R., D.A. Petti and S.T. Schuetz, Oxidation and volatiliza-tion of TZM alloy in air 283–287 (2000) 1458
- Smolik, G.R., see Petti, D.A. 283–287 (2000) 1390
- Smuk, S., see Tähtinen, S. 283–287 (2000) 255
- Snead, L.L., R. Yamada, K. Noda, Y. Katoh, S.J. Zinkle, W.S. Eatherly and A.L. Qualls, In situ thermal conductivity measurement of ceramics in a fast neutron en-vironment 283–287 (2000) 545
- Snead, L.L., see Barabash, V. 283–287 (2000) 138
- Snead, L.L., see Hasegawa, A. 283–287 (2000) 128
- Snead, L.L., see Hinoki, T. 283–287 (2000) 376
- Snead, L.L., see Romanoski, G.R. 283–287 (2000) 642
- Snead, L.L., Y. Katoh, A. Kohyama, J.L. Bailey, N.L. Vaughn and R.A. Lowden, Evaluation of neutron ir-radiated near-stoichiometric silicon carbide fiber composites 283–287 (2000) 551
- Soeda, T., S. Matsumura, C. Ki-noshita and N.J. Zaluzec, Cation disordering in magnesium alumi-nate spinel crystals induced by electron or ion irradiation 283–287 (2000) 952
- Sogabe, T., see Tokunaga, K. 283–287 (2000) 1121
- Sokolov, M.A., see Klueh, R.L. 283–287 (2000) 478
- Sokolov, M.A., see Klueh, R.L. 283–287 (2000) 697
- Solonin, M.I., see Davydov, D.A. 283–287 (2000) 1409
- Solonin, M.I., see Ioltukhovskiy, A.G. 283–287 (2000) 652
- 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 283–287 (2000) 1468
- Sommer, W.F., see Dai, Y. 283–287 (2000) 513
- Sommer, W.F., see Hamilton, M.L. 283–287 (2000) 418
- Sommer, W.F., see Sencer, B.H. 283–287 (2000) 324
- Soneda, N., see Alonso, E. 283–287 (2000) 768
- Song, S., see Faulkner, R.G. 283–287 (2000) 147
- Soppet, W.K., see Natesan, K. 283–287 (2000) 1316
- Soudiev, S., see Shikov, A. 283–287 (2000) 968
- Spätig, P., G.R. Odette, E. Donahue and G.E. Lucas, Constitutive be-havior and fracture toughness properties of the F82H ferritic/martensitic steel 283–287 (2000) 721
- Stamm, H., U. Holzwarth, F. Lakes-tani, R. Valiev, V. Provenzano and A. Volcan, Thermomechanical characteristics of the low activation materials chromium and Cr-5Fe-1Y₂O₃ alloy 283–287 (2000) 597
- Stein-Fechner, K., see Glasbrenner, H. 283–287 (2000) 1302
- Stein-Fechner, K., see Glasbrenner, H. 283–287 (2000) 1332

- Stepanov, V.A. and V.M. Chernov, Radiation-induced processes and their influence on the functional properties of dielectrics for different types of irradiation 283–287 (2000) 932
- Stepanov, V.A., see Kishimoto, N. 283–287 (2000) 907
- 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) 283–287 (2000) 1224
- Stijkel, M.P., see Conrad, R. 283–287 (2000) 1351
- Stoller, R.E. and A.F. Calder, Statistical analysis of a library of molecular dynamics cascade simulations in iron at 100 K 283–287 (2000) 746
- Stoller, R.E. and S.J. Zinkle, On the relationship between uniaxial yield strength and resolved shear stress in polycrystalline materials 283–287 (2000) 349
- Stoller, R.E., see Alonso, E. 283–287 (2000) 768
- Stoller, R.E., see Katoh, Y. 283–287 (2000) 313
- Stott, P., see Yamamoto, S. 283–287 (2000) 60
- Strebkov, Yu., see Kapychev, V. 283–287 (2000) 1429
- Strebkov, Yu.S., see Kozlov, A.V. 283–287 (2000) 193
- Strebkov, Yu.S., see Rodchenkov, B.S. 283–287 (2000) 1166
- Stubbins, J.F., J. Collins and J. Min, Evaluation of the deformation fields and bond integrity of Cu/SS joints 283–287 (2000) 982
- Stubbins, J.F., see Li, M. 283–287 (2000) 977
- Suda, T., see Aoyagi, K. 283–287 (2000) 876
- Sugano, R., see Kimura, A. 283–287 (2000) 827
- Sugimoto, S., see Tamura, M. 283–287 (2000) 667
- Sugiyama, S., H. Ohkubo, M. Takenaka, K. Ohsawa, M.I. Ansari, N. Tsukuda and E. Kuramoto, The effect of electrical hydrogen charging on the strength of 316 stainless steel 283–287 (2000) 863
- Sugiyama, S., see Ohkubo, H. 283–287 (2000) 858
- Sun, J., see Zhang, C. 283–287 (2000) 259
- Sun, J.G., see Chen, C.Q. 283–287 (2000) 1011
- Sun, L.Z., N.M. Ghoniem, S.-H. Tong and B.N. Singh, 3D dislocation dynamics study of plastic instability in irradiated copper 283–287 (2000) 741
- Sun, Y., see Zhang, C. 283–287 (2000) 259
- Suzuki, A., see Terai, T. 283–287 (2000) 1322
- Suzuki, A., see Yokota, T. 283–287 (2000) 1366
- Suzuki, S., see Hatano, T. 283–287 (2000) 685
- Suzuki, S., see Sato, K. 283–287 (2000) 1157
- Szczepanski, J., see Fütterer, M.A. 283–287 (2000) 1375
- Szweda, A., see Jones, R.E. 283–287 (2000) 556
- Tachi, Y., see Yano, T. 283–287 (2000) 947
- Tadokoro, T., K. Isobe, S. O'hira, W. Shu and M. Nishi, Depth profile of tritium in plasma exposed CX-2002U 283–287 (2000) 1048
- Taguchi, T., see Nogami, S. 283–287 (2000) 268
- Taguchi, T., see Yamada, R. 283–287 (2000) 574
- Tähtinen, S., A. Laukkanen and B.N. Singh, Damage mechanisms and fracture toughness of 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. Tarsenko, S. Smuk and H. Hänninen, Application of the internal friction method to studying microstructural effects in fusion materials 283–287 (2000) 255
- Takahashi, H., see Nagasaka, T. 283–287 (2000) 816
- Takahashi, H., see Saito, S. 283–287 (2000) 593
- 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, T., see Tanifuji, T. 283–287 (2000) 1419
- Takahiro, K., see Fukumoto, K.-i. 283–287 (2000) 535
- Takahiro, K., see Nagata, S. 283–287 (2000) 1038
- Takamatsu, Y., see Watanabe, S. 283–287 (2000) 152
- Takao, Y., see Tokunaga, K. 283–287 (2000) 1121
- 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
- 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. Philipps, 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 Ii, T. 283–287 (2000) 898
- Tanabe, T., see Matsui, T. 283–287 (2000) 1139
- Tanabe, T., see Muto, S. 283–287 (2000) 917
- Tanabe, T., see Nagasaka, T. 283–287 (2000) 816
- Tanabe, T., see Ohya, K. 283–287 (2000) 1182
- Tanabe, T., see Rubel, M. 283–287 (2000) 1089
- Tanaka, S., M. Taniguchi and H. Tanigawa, XPS and UPS studies on electronic structure of Li₂O 283–287 (2000) 1405
- Tanaka, S., see Ishitsuka, E. 283–287 (2000) 1401
- Tanaka, S., see Nishimura, H. 283–287 (2000) 1326
- Tang, X., see Yu, J. 283–287 (2000) 1077
- Tanifuji, T., D. Yamaki, T. Takahashi and A. Iwamoto, Tritium release from neutron-irradiated Li₂O sintered pellets: porosity dependence 283–287 (2000) 1419
- 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 283–287 (2000) 470

- Tanigawa, H., see Ando, M. 283–287 (2000) 423
 Tanigawa, H., see Hirose, T. 283–287 (2000) 1018
 Tanigawa, H., see Tanaka, S. 283–287 (2000) 1405
 Taniguchi, M., see Sato, K. 283–287 (2000) 1157
 Taniguchi, M., see Tanaka, S. 283–287 (2000) 1405
 Tarasenko, O., see Tähtinen, S. 283–287 (2000) 255
 Taylor, N.P., C.B.A. Forty, D.A. Petti and K.A. McCarthy, The impact of materials selection on long-term activation in fusion power plants 283–287 (2000) 28
 Tazhibaeva, I.L., see Ilyin, A.M. 283–287 (2000) 161
 Tazhibaeva, I.L., see Ilyin, A.M. 283–287 (2000) 694
 Tazhibaeva, I.L., see Kulsartov, T.V. 283–287 (2000) 872
 Tebus, V., see Kapychev, V. 283–287 (2000) 1429
 Terai, T., A. Suzuki, T. Yoneoka and T. Mitsuyama, Compatibility of AlN with liquid lithium 283–287 (2000) 1322
 Terai, T., see Ishitsuka, E. 283–287 (2000) 1401
 Terai, T., see Nishimura, H. 283–287 (2000) 1326
 Terai, T., see Yokota, T. 283–287 (2000) 1366
 Tereshkin, V.I., see Richter, D. 283–287 (2000) 1434
 TEXTOR team, see Tanabe, T. 283–287 (2000) 1128
 Thomas, L.E., see Sencer, B.H. 283–287 (2000) 324
 The ITER Home Teams, see Kalinin, G. 283–287 (2000) 10
 Tivey, R., see Barabash, V. 283–287 (2000) 1248
 Tivey, R., see Federici, G. 283–287 (2000) 110
 Tivey, R., see Ioki, K. 283–287 (2000) 957
 Tivey, R., see Kalinin, G. 283–287 (2000) 10
 Tivey, R., see Merola, M. 283–287 (2000) 1068
 Toft, P., see Tähtinen, S. 283–287 (2000) 1238
 Tokunaga, K., see Hirai, T. 283–287 (2000) 1177
 Tokunaga, K., T. Matsubara, Y. Miyamoto, Y. Takao, N. Yoshida, N. Noda, Y. Kubota, T. Sogabe, T. Kato and L. Plöchl, Changes of composition and microstructure of joint interface of tungsten coated carbon by high heat flux 283–287 (2000) 1121
 Toloczko, M.B., J.P. Hirth and F.A. Garner, Application of generalized deformation theory to irradiation creep of fcc and bcc stainless steels 283–287 (2000) 409
 Toloczko, M.B., M.L. Hamilton and G.E. Lucas, Ductility correlations between shear punch and uniaxial tensile test data 283–287 (2000) 987
 Toloczko, M.B., see Garner, F.A. 283–287 (2000) 380
 Toloczko, M.B., see Hamilton, M.L. 283–287 (2000) 418
 Toloczko, M.B., see Hamilton, M.L. 283–287 (2000) 488
 Tong, S.-H., see Sun, L.Z. 283–287 (2000) 741
 Toporkov, D., see Scaffidi-Argentina, F. 283–287 (2000) 1111
 Torres, E.P., see Aoyagi, K. 283–287 (2000) 876
 Trester, P.W., see Bray, T.S. 283–287 (2000) 633
 Trester, P.W., see Johnson, W.R. 283–287 (2000) 622
 TRIAM group, see Hirai, T. 283–287 (2000) 1177
 Trinkaus, H., B.N. Singh and S.I. Golubov, Progress in modelling the microstructural evolution in metals under cascade damage conditions 283–287 (2000) 89
 Tsai, H., see Bray, T.S. 283–287 (2000) 633
 Tsai, H., see Fukumoto, K.-i. 283–287 (2000) 492
 Tsai, H., see Johnson, W.R. 283–287 (2000) 622
 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 283–287 (2000) 362
 Tsou, K.L., see Kowbel, W. 283–287 (2000) 570
 Tsuchiya, B., see Fujitsuka, M. 283–287 (2000) 1148
 Tsuchiya, K. and H. Kawamura, Development of wet process with substitution reaction for the mass production of Li₂TiO₃ pebbles 283–287 (2000) 1380
 Tsuchiya, K., H. Kawamura and G. Kalinin, Re-weldability tests of irradiated austenitic stainless steel by a TIG welding method 283–287 (2000) 1210
 Tsuji, H., see Ioka, I. 283–287 (2000) 440
 Tsuji, H., see Kurata, Y. 283–287 (2000) 386
 Tsuji, H., see Matsui, Y. 283–287 (2000) 997
 Tsukuda, N., see Ohkubo, H. 283–287 (2000) 858
 Tsukuda, N., see Onitsuka, T. 283–287 (2000) 922
 Tsukuda, N., see Sugiyama, S. 283–287 (2000) 863
 Tsutsumi, T., see Kuramoto, E. 283–287 (2000) 778
 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 283–287 (2000) 681
 Uchida, S., see Inoue, N. 283–287 (2000) 1187
 Uda, M., see Sato, K. 283–287 (2000) 1157
 Ueda, S., T. Ohsaka and S. Kuwajima, Sputtering studies of beryllium with helium and deuterium using molecular dynamics approach 283–287 (2000) 1100
 Uehara, K., see Tsuzuki, K. 283–287 (2000) 681
 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 283–287 (2000) 396
 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 283–287 (2000) 702
 Ukai, S., see Akasaka, N. 283–287 (2000) 169
 Ukai, S., see Uehira, A. 283–287 (2000) 396
 Ukai, S., see Yamashita, S. 283–287 (2000) 647
 Unholzer, S., see Richter, D. 283–287 (2000) 1434
 Utin, Y., see Ioki, K. 283–287 (2000) 957
 Uz, M., see Natesan, K. 283–287 (2000) 1277
 Valiev, R., see Stamm, H. 283–287 (2000) 597
 Valli, M., see Coppola, R. 283–287 (2000) 183
 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, J., see Lulewicz, J.D. 283–287 (2000) 1361
- van der Schaaf, B., D.S. Gelles, S. Jitsukawa, A. Kimura, R.L. Klueh, A. Möslang and G.R. Odette, Progress and critical issues of reduced activation ferritic/martensitic steel development 283–287 (2000) 52
- van Osch, E.V., see Rensman, J. 283–287 (2000) 1201
- Vandermeulen, W., see Puzzolante, J.-L. 283–287 (2000) 428
- Vasenin, S., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Vaughn, N.L., see Snead, L.L. 283–287 (2000) 551
- Vedernikov, G., see Shikov, A. 283–287 (2000) 968
- Vella, G., see Fütterer, M.A. 283–287 (2000) 1375
- Venhaus, T.J., see Nakamura, H. 283–287 (2000) 1043
- Verzilov, Y.M., see Maekawa, F. 283–287 (2000) 1448
- Victoria, M., see Bailat, C. 283–287 (2000) 446
- Victoria, M., see Baluc, N. 283–287 (2000) 731
- Victoria, M., see Luppó, M.I. 283–287 (2000) 483
- Victoria, M., see Marmy, P. 283–287 (2000) 602
- Victoria, M., see Schäublin, R. 283–287 (2000) 205
- Victoria, M., see Schäublin, R. 283–287 (2000) 339
- Vieider, G., see Barabash, V. 283–287 (2000) 1248
- Vieider, G., see Merola, M. 283–287 (2000) 1068
- Vieider, G., see Rödíg, M. 283–287 (2000) 1161
- Vila, R. and E.R. Hodgson, In-beam dielectric properties of alumina at low frequencies 283–287 (2000) 903
- Volcan, A., see Stamm, H. 283–287 (2000) 597
- von Seggern, J., see Ohya, K. 283–287 (2000) 1182
- von Seggern, J., see Rubel, M. 283–287 (2000) 1089
- von Seggern, J., see Tanabe, T. 283–287 (2000) 1128
- Vorobieva, A., see Shikov, A. 283–287 (2000) 968
- Vorobjev, A.N., see Porollo, S.I. 283–287 (2000) 239
- Voss, Z., see Glasbrenner, H. 283–287 (2000) 1332
- Wada, M., see Ohya, K. 283–287 (2000) 1182
- Wada, M., see Tanabe, T. 283–287 (2000) 1128
- Wakai, E., N. Hashimoto, J.P. Robertson, S. Jitsukawa, T. Sawai and A. Hishinuma, Tensile properties and damage microstructures in ORR/HFIR-irradiated austenitic stainless steels 283–287 (2000) 435
- Wakai, E., N. Hashimoto, Y. Miwa, J.P. Robertson, R.L. Klueh, K. Shiba and S. Jitsukawa, Effect of helium production on swelling of F82H irradiated in HFIR 283–287 (2000) 799
- Wakai, E., see Ezawa, T. 283–287 (2000) 244
- Wakai, E., see Miwa, Y. 283–287 (2000) 334
- Walker, C., see Yamamoto, S. 283–287 (2000) 60
- Wan, D., see Karditsas, P.J. 283–287 (2000) 1346
- Wang, M.-X., see Ge, C.-C. 283–287 (2000) 1116
- Wang, Y., see Zhang, C. 283–287 (2000) 259
- Watanabe, H., see Hamaguchi, D. 283–287 (2000) 319
- Watanabe, H., see Yasunaga, K. 283–287 (2000) 179
- 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) 286
- Watanabe, K., see Hatano, Y. 283–287 (2000) 868
- Watanabe, S., see Yamashita, S. 283–287 (2000) 647
- 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) 152
- Weber, H.W., see Humer, K. 283–287 (2000) 973
- Weimar, P., see Schleisiek, K. 283–287 (2000) 1196
- Werle, H., see Markin, A.V. 283–287 (2000) 1094
- Werle, H., see Piazza, G. 283–287 (2000) 1396
- Werle, H., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- West, M.K., see Hoelzer, D.T. 283–287 (2000) 616
- Wident, P., see Alamo, A. 283–287 (2000) 1192
- Wiechers, B., see Linke, J. 283–287 (2000) 1152
- Wiechers, B., see Rödíg, M. 283–287 (2000) 1161
- Wieder, S., see Natesan, K. 283–287 (2000) 1277
- Wienhold, P., see Rubel, M. 283–287 (2000) 1089
- Willms, R.S., see Nakamura, H. 283–287 (2000) 1043
- Wirth, B.D., V. Bulatov and T. Diaz de la Rubia, Atomistic simulation of stacking fault tetrahedra formation in Cu 283–287 (2000) 773
- Withers, J.C., see Kowbel, W. 283–287 (2000) 570
- Wong, C.P.C., Neutron wall loading of Tokamak reactors 283–287 (2000) 588
- Wright, I.G., see Hoelzer, D.T. 283–287 (2000) 1306
- Wu, C.H., see Barabash, V. 283–287 (2000) 138
- Wu, C.H., see Benamati, G. 283–287 (2000) 1033
- Wu, C.H., see Federici, G. 283–287 (2000) 110
- Wu, C.H., see Markin, A.V. 283–287 (2000) 1094
- Würz, H., see Scaffidi-Argentina, F. 283–287 (2000) 1111
- Xu, Q., D.J. Edwards and T. Yoshiie, Effects of heat treatments on microstructure changes in the interface of Cu/SS316L joint materials 283–287 (2000) 1229
- Xu, Q., H.L. Heinisch and T. Yoshiie, Computer simulations of the effects of temperature change on defect accumulation in copper during neutron irradiation 283–287 (2000) 297
- Xu, Q., see Horiki, M. 283–287 (2000) 282
- Xu, Q., see Yoshiie, T. 283–287 (2000) 229
- Xu, Y.C., see Chen, C.Q. 283–287 (2000) 1011
- Xu, Z., see Reed, C.B. 283–287 (2000) 1206
- Xu, Z.-Y., see Ge, C.-C. 283–287 (2000) 1116
- Yabe, H., see Inoue, N. 283–287 (2000) 1187
- Yamada, M., see Ioki, K. 283–287 (2000) 957
- Yamada, R., see Nogami, S. 283–287 (2000) 268
- Yamada, R., see Snead, L.L. 283–287 (2000) 545
- Yamada, R., T. Taguchi and N. Igawa, Mechanical and thermal properties of 2D and 3D SiC/SiC composites 283–287 (2000) 574
- Yamagata, I., see Akasaka, N. 283–287 (2000) 169

Yamaguchi, K., see Ii, T. 283–287 (2000) 898
 Yamaguchi, K., see Yokota, T. 283–287 (2000) 1366
 Yamaki, D., A. Iwamoto and S. Jitsukawa, Improvement of the model for surface process of tritium release from lithium oxide 283–287 (2000) 1414
 Yamaki, D., see Katano, Y. 283–287 (2000) 942
 Yamaki, D., see Mukouda, I. 283–287 (2000) 302
 Yamaki, D., see Tanifuji, T. 283–287 (2000) 1419
 Yamaki, D., see van der Laan, J.G. 283–287 (2000) 99
 Yamamoto, M., see Tsuzuki, K. 283–287 (2000) 681
 Yamamoto, N., J. Nagakawa and K. Shiba, Effects of helium implantation on creep rupture properties of low activation ferritic steel F82H IEA heat 283–287 (2000) 400
 Yamamoto, N., see Nagakawa, J. 283–287 (2000) 391
 Yamamoto, S., see Katano, Y. 283–287 (2000) 942
 Yamamoto, S., T. Shikama, V. Belyakov, E. Farnum, E. Hodgson, T. Nishitani, D. Orlinski, S. Zinkle, S. Kasai, P. Stott, K. Young, V. Zaveriaev, A. Costley, L. de-Kock, C. Walker and G. Janeschitz, Impact of irradiation effects on design solutions for ITER diagnostics 283–287 (2000) 60
 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 283–287 (2000) 992
 Yamamura, T., see Kohyama, A. 283–287 (2000) 565
 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 283–287 (2000) 647
 Yamawaki, M., see Yokota, T. 283–287 (2000) 1366
 Yano, T., K. Ichikawa, M. Akiyoshi and Y. Tachi, Neutron irradiation damage in aluminum oxide and nitride ceramics up to a fluence of $4.2 \times 10^{26} \text{ n/m}^2$ 283–287 (2000) 947
 Yano, T., see Yoshida, K. 283–287 (2000) 560
 Yao, Z., see Yu, J. 283–287 (2000) 1077
 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
 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
 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
 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
 Yokoyama, K., see Hatano, T. 283–287 (2000) 685
 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
 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 Iwakiri, H. 283–287 (2000) 1134
 Yoshida, N., see Morishita, K. 283–287 (2000) 753
 Yoshida, N., see Ono, K. 283–287 (2000) 210
 Yoshida, N., see Tokunaga, K. 283–287 (2000) 1121
 Yoshida, N., see Watanabe, H. 283–287 (2000) 286
 Yoshida, N., see Yasunaga, K. 283–287 (2000) 179
 Yoshida, T., see Ii, T. 283–287 (2000) 898
 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. 283–287 (2000) 282
 Yoshiie, T., see Xu, Q. 283–287 (2000) 1229
 Yoshiie, T., see Xu, Q. 283–287 (2000) 297
 Yoshitake, T., see Ukai, S. 283–287 (2000) 702
 Young, K., see Yamamoto, S. 283–287 (2000) 60
 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. 283–287 (2000) 372
 Yu, G., see Yu, J. 283–287 (2000) 1077
 Yu, J., see Yao, Z. 283–287 (2000) 1287
 Yu, J., Z. Yao, G. Yu, F. Chu, X. Tang, Y. Zeng and T. Noda, The behavior of coatings and SiC_f/SiC composites under thermal shock 283–287 (2000) 1077
 Zakharov, A.P., see Markin, A.V. 283–287 (2000) 1094
 Zalavutdinov, R.Kh., see Markin, A.V. 283–287 (2000) 1094
 Zaluzec, N.J., see Soeda, T. 283–287 (2000) 952
 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
 Zeng, Y., see Yu, J. 283–287 (2000) 1077

- 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 283-287 (2000) 259
- Zhang, N.-M., see Ge, C.-C. 283-287 (2000) 1116
- Zhitlukhin, A., see Scaffidi-Argentina, F. 283-287 (2000) 1111
- Zhou, C., see Yao, Z. 283-287 (2000) 1287
- Zhou, Z.-J., see Ge, C.-C. 283-287 (2000) 1116
- Zinkle, S., see Yamamoto, S. 283-287 (2000) 60
- 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 Fabritsiev, S.A. 283-287 (2000) 523
- Zinkle, S.J., see Hashimoto, N. 283-287 (2000) 528
- Zinkle, S.J., see Hoelzer, D.T. 283-287 (2000) 616
- Zinkle, S.J., see Kurtz, R.J. 283-287 (2000) 70
- Zinkle, S.J., see Pokrovsky, A.S. 283-287 (2000) 404
- Zinkle, S.J., see Rowcliffe, A.F. 283-287 (2000) 508
- Zinkle, S.J., see Snead, L.L. 283-287 (2000) 545
- Zinkle, S.J., see Stoller, R.E. 283-287 (2000) 349
- Zisman, A.A., see Belyaeva, L.A. 283-287 (2000) 461
- Zouev, Yu., see Dolinski, Yu. 283-287 (2000) 854
- Zouev, Yu.N., see Arbutov, V.L. 283-287 (2000) 849
- Zucchetti, M., see Rocco, P. 283-287 (2000) 1473