

Author index

- Abdou, M., see Ying, A.Y. 329–333 (2004) 1605
Abe, H., see Shepelev, O. 329–333 (2004) 1204
Abe, H., see Yang, Y. 329–333 (2004) 1208
Abe, K., see Fujiwara, M. 329–333 (2004) 452
Abe, K., see Hasegawa, A. 329–333 (2004) 582
Abe, K., see Kondou, K. 329–333 (2004) 652
Abe, K., see Kurtz, R.J. 329–333 (2004) 47
Abe, K., see Nogami, S. 329–333 (2004) 577
Abe, K., see Sakai, K. 329–333 (2004) 457
Abe, K., see Satou, M. 329–333 (2004) 1571
Abe, K., see Toloczko, M.B. 329–333 (2004) 352
Abe, Y., see Yoshitake, T. 329–333 (2004) 342
Abrikosov, I.A., see Wallenius, J. 329–333 (2004) 1175
Adachi, T., S. Nagata, N. Ohtsu, B. Tsuchiya, K. Toh, N. Morishita, M. Yamauchi, N. Nishitani and T. Shikama, Effects of γ -ray and neutron irradiation on electrical characteristic of proton-conducting polymer electrolyte membranes 329–333 (2004) 1499
Adelhelm, C., see Eichin, R. 329–333 (2004) 1638
Aiello, A., A. Ciampichetti and G. Benamati, An overview on tritium permeation barrier development for WCLL blanket concept 329–333 (2004) 1398
Akasaka, N., S. Yamashita, T. Yoshitake, S. Ukai and A. Kimura, Microstructural changes of neutron irradiated ODS ferritic and martensitic steels 329–333 (2004) 1053
Akasaka, N., see Akiyoshi, M. 329–333 (2004) 1466
Akasaka, N., see Yamashita, S. 329–333 (2004) 377
Akasaka, N., see Yoshitake, T. 329–333 (2004) 342
Akiba, M., see Ezato, K. 329–333 (2004) 820
Akiba, M., see Hino, T. 329–333 (2004) 673
Akiba, M., see Hirose, T. 329–333 (2004) 324
Akiba, M., see Ioki, K. 329–333 (2004) 31
Akiba, M., see Tanigawa, H. 329–333 (2004) 1291
Akiba, M., see Tokunaga, K. 329–333 (2004) 757
Akiba, M., see Yoshida, H. 329–333 (2004) 790
Akiyoshi, M., N. Akasaka, Y. Tachi and T. Yano, Relation between macroscopic length change and the crystal structure in heavily neutron-irradiated ceramics 329–333 (2004) 1466
Alamo, A., V. Lambard, X. Averty and M.H. Mathon, Assessment of ODS-14%Cr ferritic alloy for high temperature applications 329–333 (2004) 333
Alamo, A., see Tavassoli, A.-A.F. 329–333 (2004) 257
Alamo, A., see Ukai, S. 329–333 (2004) 356
Alinger, M.J., G.R. Odette and D.T. Hoelzer, The development and stability of Y–Ti–O nanoclusters in mechanically alloyed Fe–Cr based ferritic alloys 329–333 (2004) 382
Alinger, M.J., see Kishimoto, H. 329–333 (2004) 369
Alvani, C., see Casadio, S. 329–333 (2004) 1252
Alvarez, I., see Armas, A.F. 329–333 (2004) 252
Alves, E., see Alves, L.C. 329–333 (2004) 1295
Alves, E., see Tavassoli, A.-A.F. 329–333 (2004) 257
Alves, E.C., see Druyts, F. 329–333 (2004) 1353
Alves, L.C., E. Alves, M.R. da Silva, A. Paul and A. La Barbera, Li ceramic pebbles chemical compatibility with Eurofer samples in fusion relevant conditions 329–333 (2004) 1295
Amemiya, A., see Tsuzuki, K. 329–333 (2004) 721
Ancona, A., see Dell’Orco, G. 329–333 (2004) 1305
Anderl, R., see Smolik, G. 329–333 (2004) 1322
Anderl, R.A., S. Fukada, G.R. Smolik, R.J. Pawelko, S.T. Schuetz, J.P. Sharpe, B.J. Merrill, D.A. Petti, H. Nishimura, T. Terai and S. Tanaka, Deuterium/tritium behavior in Flibe and Flibe-facing materials 329–333 (2004) 1327
Ando, M., E. Wakai, T. Sawai, H. Tanigawa, K. Furuya, S. Jitsukawa, H. Takeuchi, K. Oka, S. Ohnuki and A. Kohyama, Synergistic effect of displacement damage and helium atoms on radiation hardening in F82H at TIARA facility 329–333 (2004) 1137
Andreani, R., E. Diegele, R. Laesser and B. van der Schaaf, The European integrated materials and technology programme in fusion 329–333 (2004) 20
Angelone, M., see Batistoni, P. 329–333 (2004) 683
Aoto, K., see Hoshiya, T. 329–333 (2004) 1043
Appendino, P., M. Ferraris, V. Casalegno, M. Salvo, M. Merola and M. Grattarola, Direct joining of CFC to copper 329–333 (2004) 1563
Ara, K., see Nakamura, H. 329–333 (2004) 202
Arai, T., see Gotoh, Y. 329–333 (2004) 840
Arai, T., see Hirohata, Y. 329–333 (2004) 785
Arai, T., see Masaki, K. 329–333 (2004) 845
Arai, T., see Ochiai, K. 329–333 (2004) 836

- Arakawa, H., see Ishijima, Y. 329–333 (2004) 775
- Arakawa, K., M. Hatanaka, H. Mori and K. Ono, Effects of chromium on the one-dimensional motion of interstitial-type dislocation loops in iron 329–333 (2004) 1194
- Arakawa, K., see Ono, K. 329–333 (2004) 933
- Araki, H., W. Yang, H. Suzuki, Q. Hu, C. Busabok and T. Noda, Fabrication and flexural properties of Tyranno-SA/SiC composites with carbon interlayer by CVI 329–333 (2004) 567
- Araki, H., see Yang, W. 329–333 (2004) 539
- Armas, A.F., C. Petersen, R. Schmitt, M. Avalos and I. Alvarez, Cyclic instability of martensite laths in reduced activation ferritic/martensitic steels 329–333 (2004) 252
- Aruga, T., see Yamaki, D. 329–333 (2004) 1279
- ASDEX Upgrade Team, see Bolt, H. 329–333 (2004) 66
- Ashikawa, N., see Nobuta, Y. 329–333 (2004) 800
- Avalos, M., see Armas, A.F. 329–333 (2004) 252
- Averty, X., see Alamo, A. 329–333 (2004) 333
- Baba, M., see Hagiwara, M. 329–333 (2004) 218
- Bacon, D.J. and Yu.N. Osetsky, Hardening due to copper precipitates in α -iron studied by atomic-scale modelling 329–333 (2004) 1233
- Bae, D.S., S.H. Nahm, H.M. Lee, H. Kinoshita, T. Shibayama and H. Takahashi, Effect of electron-beam irradiation temperature on irradiation damage of high Mn–Cr steel 329–333 (2004) 1038
- Bae, D.S., see Lee, S.P. 329–333 (2004) 534
- Bakhtiari, M., see Tsuzuki, K. 329–333 (2004) 721
- Balachov, I.I., E.N. Shcherbakov, A.V. Kozlov, I.A. Portnykh and F.A. Garner, Influence of radiation-induced voids and bubbles on physical properties of austenitic structural alloys 329–333 (2004) 617
- Balden, M., A.F. Bardamid, A.I. Belyaeva, K.A. Slatin, J.W. Davis, A.A. Haasz, M. Poon, V.G. Konovalov, I.V. Ryzhkov, A.N. Shapoval and V.S. Voitsenya, Surface roughening and grain orientation dependence of the erosion of polycrystalline stainless steel by hydrogen irradiation 329–333 (2004) 1515
- Balden, M., see Greuner, H. 329–333 (2004) 849
- Baluc, see Tavassoli, A.-A.F. 329–333 (2004) 257
- Baluc, N., see Spätig, P. 329–333 (2004) 289
- Barabaschi, P., see Ioki, K. 329–333 (2004) 31
- Barabash, V., Role and contribution of ITER in research of materials and reactor components 329–333 (2004) 156
- Barabash, V. and L.L. Snead, Modified formula for the assessment of the thermal response of neutron irradiated CFC 329–333 (2004) 860
- Barabash, V., see Bolt, H. 329–333 (2004) 66
- Barabash, V., see Ioki, K. 329–333 (2004) 31
- Barabash, V., see Peacock, A.T. 329–333 (2004) 173
- Bardamid, A.F., see Balden, M. 329–333 (2004) 1515
- Bardamid, A.F., see Voitsenya, V.S. 329–333 (2004) 1476
- Bartenev, S.A., I.B. Kvasnitskij, B.N. Kolbasov, P.V. Romanov and V.N. Romanovskij, Radiochemical reprocessing of V–Cr–Ti alloy and its feasibility study 329–333 (2004) 406
- Batistoni, P., M. Angelone, L. Petrizzi and M. Pillon, Neutronics benchmark experiment on tungsten 329–333 (2004) 683
- Bayetti, P., see Grosman, A. 329–333 (2004) 909
- Bedel, L., see Cardella, A. 329–333 (2004) 133
- Bedel, L., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Bekris, N., C.H. Skinner, U. Berndt, C.A. Gentile, M. Glugla, A. Erbe and W. Pilz, Assessment of the heating technique as a possible ex situ detritiation method for carbon wall materials from fusion machines 329–333 (2004) 814
- Beloglazov, S., M. Nishikawa, M. Glugla and T. Kinjyo, Modeling of HT and HTO release from irradiated lithium metazirconate 329–333 (2004) 1274
- Belyaeva, A.I., see Balden, M. 329–333 (2004) 1515
- Bem, P., see Heinzl, V. 329–333 (2004) 223
- Benamati, G., see Aiello, A. 329–333 (2004) 1398
- Benamati, G., see Ciampichetti, A. 329–333 (2004) 1332
- Berghmans, F., see Brichard, B. 329–333 (2004) 1456
- Bernardini, F., see Salvador, M. 329–333 (2004) 1219
- Berndt, U., see Bekris, N. 329–333 (2004) 814
- Berthe, E., see Koza, Y. 329–333 (2004) 706
- Beznosov, A.V., see Pinaev, S.S. 329–333 (2004) 1419
- Bhadeshia, H.K.D.H., see de Carlan, Y. 329–333 (2004) 238
- Bittner-Rohrhofer, K., K. Humer, H. Fillunger, R.K. Maix, H.W. Weber, P.E. Fabian and N.A. Munshi, Radiation effects on the mechanical integrity of novel organic insulators for the ITER magnet coils 329–333 (2004) 1083
- Blokhin, A.I., see Eichin, R. 329–333 (2004) 1638
- Bloom, E.E., S.J. Zinkle and F.W. Wiffen, Materials to deliver the promise of fusion power – progress and challenges 329–333 (2004) 12
- Boccaccini, L.V., L. Giancarli, G. Janeschitz, S. Hermsmeyer, Y. Poitevin, A. Cardella and E. Diegele, Materials and design of the European DEMO blankets 329–333 (2004) 148
- Boccaccini, L.V., see Cardella, A. 329–333 (2004) 133
- Boccaccini, L.V., see Norajitra, P. 329–333 (2004) 1594
- Boeswirth, B., see Greuner, H. 329–333 (2004) 849
- Bogatyrjov, V., see Brichard, B. 329–333 (2004) 1456
- Bolin, J., see Wong, C.P.C. 329–333 (2004) 1599

- Bolt, H., V. Barabash, W. Krauss, J. Linke, R. Neu, S. Suzuki, N. Yoshida and ASDEX Upgrade Team, Materials for the plasma-facing components of fusion reactors 329–333 (2004) 66
- Bolt, H., see Brendel, A. 329–333 (2004) 804
- Bolt, H., see Greuner, H. 329–333 (2004) 849
- Bolt, H., see Koch, F. 329–333 (2004) 1403
- Bolt, H., see You, J.H. 329–333 (2004) 702
- Bonadé, R., P. Spätig, M. Victoria, T. Yamamoto and G.R. Odette, Tensile properties of a tempered martensitic iron–chromium–carbon model alloy 329–333 (2004) 278
- Bondarenko, V.N., see Voitsenya, V.S. 329–333 (2004) 1476
- Borodin, O.V., V.V. Bryk, A.S. Kalchenko, I.M. Neklyudov, A.A. Parkhomenko and V.N. Voyevodin, Swelling and post-irradiated deformation structures in 18Cr–10Ni–Ti irradiated with heavy ions 329–333 (2004) 630
- Boskeljon, J., see Rensman, J. 329–333 (2004) 1113
- Boukos, N., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Brendel, A., C. Popescu, C. Leyens, J. Woltersdorf, E. Pippel and H. Bolt, SiC-fibre reinforced copper as heat sink material for fusion applications 329–333 (2004) 804
- Brezinsek, S., see Ohya, K. 329–333 (2004) 732
- Brichard, B., A. Fernandez Fernandez, H. Ooms, F. Berghmans, M. Décréton, A. Tomashuk, S. Klyamkin, M. Zabezhaïlov, I. Nikolin, V. Bogatyryov, E. Hodgson, T. Kakuta, T. Shikama, T. Nishitani, A. Costley and G. Vayakis, Radiation-hardening techniques of dedicated optical fibres used in plasma diagnostic systems in ITER 329–333 (2004) 1456
- Brill, R., see Koch, F. 329–333 (2004) 1403
- Bryk, V.V., see Borodin, O.V. 329–333 (2004) 630
- Bucci, Ph., see Cardella, A. 329–333 (2004) 133
- Budylnkin, N.I., T.M. Bulanova, E.G. Mironova, N.M. Mitrofanova, S.I. Porollo, V.M. Chernov, V.K. Shamardin and F.A. Garner, The strong influence of displacement rate on void swelling in variants of Fe–16Cr–15Ni–3Mo austenitic stainless steel irradiated in BN-350 and BOR-60 329–333 (2004) 621
- Bulanova, T., A. Fedoseev, G. Kalinin, B. Rodchenkov and V. Shamardin, Effect of irradiation on the steels 316L/LN type to 12 dpa at 400 °C 329–333 (2004) 639
- Bulanova, T.M., see Budylnkin, N.I. 329–333 (2004) 621
- Bulatov, V.V., see Hiratani, M. 329–333 (2004) 1103
- Burgazzi, L., see Nakamura, H. 329–333 (2004) 202
- Busabok, C., see Araki, H. 329–333 (2004) 567
- Byun, T.S., K. Farrell and N. Hashimoto, Plastic instability behavior of bcc and hcp metals after low temperature neutron irradiation 329–333 (2004) 998
- Byun, T.S., see Hashimoto, N. 329–333 (2004) 947
- Cansheng, S., see Wenhua, L. 329–333 (2004) 1361
- Cardella, A., E. Rigal, L. Bedel, Ph. Bucci, J. Fiek, L. Forest, L.V. Boccaccini, E. Diegele, L. Giancarli, S. Hermsmeyer, G. Janeschitz, R. Lässer, A. Li Puma, J.D. Lulewicz, A. Möslang, Y. Poitevin and E. Rabaglino, The manufacturing technologies of the European breeding blankets 329–333 (2004) 133
- Cardella, A., see Boccaccini, L.V. 329–333 (2004) 148
- Cardella, A., see Kawamura, H. 329–333 (2004) 112
- Casadio, S., J.G. van der Laan, C. Alvani, A.J. Magielsen and M.P. Stijkel, Tritium release kinetics from Li₂TiO₃ pebbles as prepared by soft-wet-chemistry 329–333 (2004) 1252
- Casagrande, E., see Filacchioni, G. 329–333 (2004) 263
- Casalegno, V., see Appendino, P. 329–333 (2004) 1563
- Caturla, M.-J., see Mota, F. 329–333 (2004) 1190
- Causey, R.A., see Oliver, B.M. 329–333 (2004) 977
- Cevolani, S., see Nakamura, H. 329–333 (2004) 202
- Chakarova, R., see Malerba, L. 329–333 (2004) 1156
- Chakarova, R., see Wallenius, J. 329–333 (2004) 1175
- Chakin, V.P., I.B. Kupryanov and R.R. Melder, State of beryllium after irradiation at low temperature up to extremely high neutron doses 329–333 (2004) 1347
- Chakin, V.P., see Kupriyanov, I.B. 329–333 (2004) 809
- Chaouadi, R., see Lucon, E. 329–333 (2004) 1078
- Chappuis, P., see Grosman, A. 329–333 (2004) 909
- Chappuis, Ph., see Durocher, A. 329–333 (2004) 914
- Chen, C.W., see Duh, T.S. 329–333 (2004) 518
- Chen, C.W., see Yan, J.Y. 329–333 (2004) 513
- Chen, F.R., see Duh, T.S. 329–333 (2004) 518
- Chen, F.R., see Yan, J.Y. 329–333 (2004) 513
- Chen, J.M., T. Muroga, S.Y. Qiu, T. Nagasaka, W.G. Huang, M.J. Tu, Y. Chen, Y. Xu and Z.Y. Xu, The development of advanced vanadium alloys for fusion applications 329–333 (2004) 401
- Chen, Y., see Chen, J.M. 329–333 (2004) 401
- Chen, Y., see Huang, Q. 329–333 (2004) 268
- Cheng, E.T., Transmutation and activation of reduced activation ferritic martensitic steel in molten salt cooled fusion power plants 329–333 (2004) 1643
- Chernov, V.M., see Budylnkin, N.I. 329–333 (2004) 621
- Chernov, V.M., see Kurtz, R.J. 329–333 (2004) 47
- Chernov, V.M., see Pint, B.A. 329–333 (2004) 119
- Chernov, V.M., see Tyumentsev, A.N. 329–333 (2004) 429
- Chernov, V.M., see Yeliseyeva, O.I. 329–333 (2004) 1424
- Chiba, K., S. Tanaka and T. Yoneoka, Desorption of water from iron oxide by laser irradiation 329–333 (2004) 1575
- Chimi, Y., see Shimada, M. 329–333 (2004) 1446

- Chiocchio, S., see Ioki, K. 329–333 (2004) 31
- Cho, H.S., A. Kimura, S. Ukai and M. Fujiwara, Corrosion properties of oxide dispersion strengthened steels in super-critical water environment 329–333 (2004) 387
- Chuto, K., see Murase, Y. 329–333 (2004) 1066
- Chuto, T., N. Yamamoto, J. Nagakawa and Y. Murase, Creep rupture properties of helium implanted V–4Cr–4Ti alloy NIFS-HEAT-2 329–333 (2004) 416
- Chuto, T., see Yamamoto, N. 329–333 (2004) 993
- Ciampichetti, A., I. Ricapito, G. Benamati and M. Zucchetti, Materials selection and design of a hydrogen measurement device in Pb–17Li 329–333 (2004) 1332
- Ciampichetti, A., see Aiello, A. 329–333 (2004) 1398
- Ciampichetti, A., see Zucchetti, M. 329–333 (2004) 1653
- Coad, J.P., see Rubel, M.J. 329–333 (2004) 795
- Colombo, L., see Salvador, M. 329–333 (2004) 1219
- Coppola, R., M. Klimiankou, M. Mag-nani, A. Möslang and M. Valli, Helium bubble evolution in F82H-mod – correlation between SANS and TEM 329–333 (2004) 1057
- Cordier, J.J., see Durocher, A. 329–333 (2004) 914
- Cordier, J.J., see Grosman, A. 329–333 (2004) 909
- Corwin, W.R., see Mansur, L.K. 329–333 (2004) 166
- Costanza, G., see Montanari, R. 329–333 (2004) 1529
- Costley, A., see Brichard, B. 329–333 (2004) 1456
- Daenner, W., see Ioki, K. 329–333 (2004) 31
- Dai, Y., see Hamaguchi, D. 329–333 (2004) 958
- Dai, Y., see Jia, X. 329–333 (2004) 309
- Dai, Y., see Saito, S. 329–333 (2004) 1093
- Danelyan, L.S., see Guseva, M.I. 329–333 (2004) 825
- Danelyan, L.S., see Zimin, A.M. 329–333 (2004) 855
- Danis, A., see Sporea, D. 329–333 (2004) 1062
- Dänner, W., see Peacock, A.T. 329–333 (2004) 173
- da Silva, M.R., see Alves, L.C. 329–333 (2004) 1295
- Davis, J.W., see Balden, M. 329–333 (2004) 1515
- De Angelis, U., see Filacchioni, G. 329–333 (2004) 263
- de Carlan, Y., M. Muruganath, T. Sourmail and H.K.D.H. Bhadeshia, Design of new Fe–9CrWV reduced-activation martensitic steels for creep properties at 650 °C 329–333 (2004) 238
- Decréton, M., see Brichard, B. 329–333 (2004) 1456
- Decréton, M., see Lucon, E. 329–333 (2004) 1078
- Decreton, M., T. Shikama and E. Hodgson, Performance of functional materials and components in a fusion reactor: the issue of radiation effects in ceramics and glass materials for diagnostics 329–333 (2004) 125
- Dell’Orco, G., A. Ancona, A. DiMaio, M. Simoncini and G. Vella, Thermo-mechanical testing of Li–ceramic for the helium cooled pebble bed (HCPB) breeding blanket 329–333 (2004) 1305
- Dell’Orco, G., see Nakamura, H. 329–333 (2004) 202
- den Boef, R., see Rensman, J. 329–333 (2004) 1113
- De Santis, G., see Filacchioni, G. 329–333 (2004) 263
- Diegele, E., see Andreani, R. 329–333 (2004) 20
- Diegele, E., see Boccaccini, L.V. 329–333 (2004) 148
- Diegele, E., see Cardella, A. 329–333 (2004) 133
- Diegele, E., see Norajitra, P. 329–333 (2004) 1594
- Diegele, E., see Tavassoli, A.-A.F. 329–333 (2004) 257
- DiMaio, A., see Dell’Orco, G. 329–333 (2004) 1305
- Ditenberg, I.A., see Tyumentsev, A.N. 329–333 (2004) 429
- Dokiya, M., see Hoshino, T. 329–333 (2004) 1300
- Doko, D., see Ochiai, S. 329–333 (2004) 1585
- Dominguez, E., see Mota, F. 329–333 (2004) 1190
- Doronina, T., see Maksimkin, O.P. 329–333 (2004) 625
- Drobishev, V.A., see Tyumentsev, A.N. 329–333 (2004) 429
- Druyts, F., E.C. Alves and C.H. Wu, Methods for the mitigation of the chemical reactivity of beryllium in steam 329–333 (2004) 1353
- Dudarev, S.L., ‘Quantum core’ interatomic potentials for transition metals 329–333 (2004) 1151
- Dudarev, S.L., see Hudson, T.S. 329–333 (2004) 971
- Dudu, D., see Sporea, D. 329–333 (2004) 1062
- Duh, T.S., K.M. Yin, J.Y. Yan, P.C. Fang, C.W. Chen, J.J. Kai, F.R. Chen, Y. Katoh and A. Kohyama, Study of helium bubble formation in SiCf/PyC/β-SiC composites by dual-beam irradiation 329–333 (2004) 518
- Durocher, A., M. Lipa, Ph. Chappuis, G. Martin and J.J. Cordier, Rupture analysis of CuCrZr plasma facing component during a loss of flow accident in Tore-Supra 329–333 (2004) 914
- Durocher, A., see Grosman, A. 329–333 (2004) 909
- Dvoriashin, A.M., S.I. Porollo, Yu.V. Konobeev and F.A. Garner, Influence of high dose neutron irradiation on microstructure of EP-450 ferritic–martensitic steel irradiated in three Russian fast reactors 329–333 (2004) 319
- Dvoriashin, A.M., see Porollo, S.I. 329–333 (2004) 314
- Edwards, D.J. and B.N. Singh, Evolution of cleared channels in neutron-irradiated pure copper as a function of tensile strain 329–333 (2004) 1072
- Edwards, D.J., see Xu, Q. 329–333 (2004) 1558
- Eichin, R., C. Adelhelm, A.I. Blokhin, R.A. Forrest, H. Freiesleben, V.D. Kovalchuk, D.V. Markovskij, K. Seidel and S. Unholzer, Measurement and analysis of radioactivity induced in CuCrZr by D–T neutrons 329–333 (2004) 1638
- Eichin, R., see Seidel, K. 329–333 (2004) 1629
- Ejiri, A., see Tsuzuki, K. 329–333 (2004) 721

- Elio, F., see Ioki, K. 329–333 (2004) 31
- Elistratov, N.G., see Zimin, A.M. 329–333 (2004) 855
- Enoeda, M., see Ioki, K. 329–333 (2004) 31
- Enoeda, M., see Shiba, K. 329–333 (2004) 243
- Enoeda, M., see Tanigawa, H. 329–333 (2004) 1291
- Enoeda, M., see Tsuchiya, K. 329–333 (2004) 1248
- Enyama, M., see Matsuyama, M. 329–333 (2004) 752
- Erbe, A., see Bekris, N. 329–333 (2004) 814
- Erbe, A., see Piazza, G. 329–333 (2004) 1260
- Esaka, H., see Tamura, M. 329–333 (2004) 328
- Escourbiac, F., see Grosman, A. 329–333 (2004) 909
- Esposito, E., see Heinzl, V. 329–333 (2004) 223
- Ezato, K., S. Suzuki, K. Sato and M. Akiba, Thermal fatigue experiment of screw cooling tube under one-sided heating condition 329–333 (2004) 820
- Ezato, K., see Ioki, K. 329–333 (2004) 31
- Ezato, K., see Tokunaga, K. 329–333 (2004) 757
- Fabian, P.E., see Bittner-Rohrhofer, K. 329–333 (2004) 1083
- Fang, P.C., see Duh, T.S. 329–333 (2004) 518
- Fang, P.C., see Yan, J.Y. 329–333 (2004) 513
- Farrell, K., see Byun, T.S. 329–333 (2004) 998
- Farrell, K., see Hashimoto, N. 329–333 (2004) 947
- Faulkner, R.G., see Lu, Z. 329–333 (2004) 1017
- Faulkner, R.G., see Sakaguchi, N. 329–333 (2004) 1166
- Fazio, C., see Nakamura, H. 329–333 (2004) 202
- Federici, G., see Ioki, K. 329–333 (2004) 31
- Fedoseev, A., see Bulanova, T. 329–333 (2004) 639
- Fedotov, V.T., see Kalin, B.A. 329–333 (2004) 1544
- Ferdinand, R., see Jameson, R.A. 329–333 (2004) 193
- Fernández, P., M. García-Mazarío, A.M. Lancha and J. Lapeña, Grain boundary microchemistry and metallurgical characterization of Eurofer⁹⁷ after simulated service conditions 329–333 (2004) 273
- Fernandez, P., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Fernandez Fernandez, A., see Brichard, B. 329–333 (2004) 1456
- Ferrara, D., see Filacchioni, G. 329–333 (2004) 263
- Ferraris, M., see Appendino, P. 329–333 (2004) 1563
- Fiek, J., see Cardella, A. 329–333 (2004) 133
- Filacchioni, G., E. Casagrande, U. De Angelis, G. De Santis, D. Ferrara and L. Pilloni, Thermal fatigue behaviour of different candidate structural materials: a comparative study 329–333 (2004) 263
- Filacchioni, G., see Montanari, R. 329–333 (2004) 1529
- Filacchioni, G., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Filatov, V., see Norajitra, P. 329–333 (2004) 1594
- Fillunger, H., see Bittner-Rohrhofer, K. 329–333 (2004) 1083
- Fischer, U., S.P. Simakov and P.P.H. Wilson, Transmutation behaviour of Eurofer under irradiation in the IF-MIF test facility and fusion power reactors 329–333 (2004) 228
- Fischer, U., see Heinzl, V. 329–333 (2004) 223
- Fischer, U., see Simakov, S.P. 329–333 (2004) 213
- Flewitt, P.E.J., see Lu, Z. 329–333 (2004) 1017
- Forest, L., see Cardella, A. 329–333 (2004) 133
- Forest, L., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Forrest, R.A., Extending the energy range of materials activation modelling 329–333 (2004) 1633
- Forrest, R.A., see Eichin, R. 329–333 (2004) 1638
- Forrest, R.A., see Seidel, K. 329–333 (2004) 1629
- Freiesleben, H., see Eichin, R. 329–333 (2004) 1638
- Freiesleben, H., see Seidel, K. 329–333 (2004) 1629
- Friend, M., see Wong, C.P.C. 329–333 (2004) 1599
- Fu, Z., N. Yoshida, H. Iwakiri and Z. Xu, Thermal desorption and surface modification of He⁺ implanted into tungsten 329–333 (2004) 692
- Fujisato, A., see Kondo, H. 329–333 (2004) 208
- Fujita, M., see Noda, T. 329–333 (2004) 1590
- Fujiwara, M., K. Takamashi, M. Satou, A. Hasegawa, K. Abe, K. Kakiuchi and T. Furuya, Influence of Cr, Ti concentrations on oxidation and corrosion resistance of V–Cr–Ti type alloys 329–333 (2004) 452
- Fujiwara, M., see Cho, H.S. 329–333 (2004) 387
- Fujiwara, M., see Lee, J.S. 329–333 (2004) 1122
- Fujiwara, M., see Ohtsuka, S. 329–333 (2004) 372
- Fujiwara, M., see Sakai, K. 329–333 (2004) 457
- Fujiwara, T., see Miyamoto, M. 329–333 (2004) 742
- Fujiwara, T., see Tokitani, M. 329–333 (2004) 761
- Fukada, S., N. Nakamura, J. Monden and M. Nishikawa, Experimental study of cracking methane by Ni/SiO₂ catalyst 329–333 (2004) 1365
- Fukada, S., see Anderl, R.A. 329–333 (2004) 1327
- Fukumoto, K., H. Matsui, T. Muroga, S.J. Zinkle, D.T. Hoelzer and L.L. Snead, Varying temperature effects on mechanical properties of vanadium alloys during neutron irradiation 329–333 (2004) 472
- Fukumoto, K., see Koyama, M. 329–333 (2004) 442
- Fukumoto, K., see Sugiyama, M. 329–333 (2004) 467
- Fukumoto, K.-i., see Hayakawa, R. 329–333 (2004) 411
- Funabiki, T., T. Shimada, Y. Ueda and M. Nishikawa, Effect of tungsten microstructure on blister formation by hydrogen and carbon mixed ion beam irradiation 329–333 (2004) 780
- Funabiki, T., see Shimada, T. 329–333 (2004) 747
- Funabiki, T., see Ueda, Y. 329–333 (2004) 771
- Furuya, K., see Ando, M. 329–333 (2004) 1137
- Furuya, T., see Fujiwara, M. 329–333 (2004) 452
- Futakawa, M., see Ioka, I. 329–333 (2004) 1142
- Gadow, R., see Greuner, H. 329–333 (2004) 849
- Gao, F., see Heinisch, H.L. 329–333 (2004) 924
- García-Mazarío, M., see Fernández, P. 329–333 (2004) 273
- Garner, F.A., D.S. Gelles, L.R. Greenwood, T. Okita, N. Sekimura and W.G. Wolfer, Synergistic influence of displacement rate and helium/dpa ratio on swelling of Fe-(9, 12)Cr binary alloys in FFTF at -400 °C 329–333 (2004) 1008

- Garner, F.A., see Balachov, I.I. 329–333 (2004) 617
 Garner, F.A., see Budylkin, N.I. 329–333 (2004) 621
 Garner, F.A., see Dvoriashin, A.M. 329–333 (2004) 319
 Garner, F.A., see Greenwood, L.R. 329–333 (2004) 1147
 Garner, F.A., see Maksimkin, O.P. 329–333 (2004) 625
 Garner, F.A., see Okita, T. 329–333 (2004) 1013
 Garner, F.A., see Porollo, S.I. 329–333 (2004) 314
 Garner, F.A., see Toloczko, M.B. 329–333 (2004) 352
 Garner, F.A., see Zinkle, S.J. 329–333 (2004) 938
 Gelles, D.S., Microstructural examination of low activation ferritic steels following irradiation in ORR at 330 and 400 °C to ~10 dpa 329–333 (2004) 304
 Gelles, D.S., see Garner, F.A. 329–333 (2004) 1008
 Gelles, D.S., see Toloczko, M.B. 329–333 (2004) 352
 Gentile, C.A., see Bekris, N. 329–333 (2004) 814
 Gentile, C.A., see Sugiyama, K. 329–333 (2004) 874
 Gentzbittel, J.-M., see Tavassoli, A.-A.F. 329–333 (2004) 257
 Gervash, A., see Ioki, K. 329–333 (2004) 31
 Gervash, A., see Norajitra, P. 329–333 (2004) 1594
 Ghoniem, N., see Sharafat, S. 329–333 (2004) 1429
 Ghoniem, N.M., see Noronha, S.J. 329–333 (2004) 1180
 Giancarli, L., see Boccaccini, L.V. 329–333 (2004) 148
 Giancarli, L., see Cardella, A. 329–333 (2004) 133
 Giancarli, L., see Riccardi, B. 329–333 (2004) 56
 Giniyatulin, R., see Norajitra, P. 329–333 (2004) 1594
 Giusti, D., see Nakamura, H. 329–333 (2004) 202
 Glugla, M., see Bekris, N. 329–333 (2004) 814
 Glugla, M., see Beloglazov, S. 329–333 (2004) 1274
 Goncharov, S.A., see Seidel, K. 329–333 (2004) 1629
 Gordeev, S., see Heinzl, V. 329–333 (2004) 223
 Gordeev, S., see Norajitra, P. 329–333 (2004) 1594
 Gorokhov, V.A., see Kupriyanov, I.B. 329–333 (2004) 809
 Gotoh, Y., T. Arai, J. Yagy, K. Masaki, K. Kodama and N. Miya, Transmission electron microscopy of redeposition layers on graphite tiles used for open divertor armor of JT-60 329–333 (2004) 840
 Gotoh, Y., see Hirohata, Y. 329–333 (2004) 785
 Gotoh, Y., see Masaki, K. 329–333 (2004) 845
 Gotoh, Y., see Morimoto, Y. 329–333 (2004) 894
 Gotoh, Y., see Ochiai, K. 329–333 (2004) 836
 Grattarola, M., see Appendino, P. 329–333 (2004) 1563
 Grebennikov, D., see Ioki, K. 329–333 (2004) 31
 Greenwood, L.R. and F.A. Garner, Impact of transmutation issues on interpretation of data obtained from fast reactor irradiation experiments 329–333 (2004) 1147
 Greenwood, L.R., see Garner, F.A. 329–333 (2004) 1008
 Greuner, H., M. Balden, B. Boeswirth, H. Bolt, R. Gadow, P. Grigull, G. Hofmann, T. Huber, W. Kasparek, H. Kumric, S. Lindig, G. Matern, M. Mayer, R. Neu, H. Renner, J. Roth, M. Riegert-Escribano, J. Simon-Weidner and R. Wacker, Evaluation of vacuum plasma-sprayed boron carbide protection for the stainless steel first wall of WENDELSTEIN 7-X 329–333 (2004) 849
 Grigull, P., see Greuner, H. 329–333 (2004) 849
 Grosman, A., P. Bayetti, P. Chappuis, J.J. Cordier, A. Durocher, F. Escourbiac, D. Guilhem, M. Lipa, G. Marbach, R. Mitteau and J. Schlosser, High heat flux components in fusion devices: from current experience in Tore Supra towards the ITER challenge 329–333 (2004) 909
 Gu, Z., see Wen, Z. 329–333 (2004) 1283
 Guilhem, D., see Grosman, A. 329–333 (2004) 909
 Guiric, S.G., see Stoller, R.E. 329–333 (2004) 1238
 Gureev, V.M., see Guseva, M.I. 329–333 (2004) 825
 Gureev, V.M., see Zimin, A.M. 329–333 (2004) 855
 Guseva, M.I., V.M. Gureev, L.S. Danelyan, B.N. Kolbasov, S.N. Korshunov, I.D. Skorlupkin, V.G. Stolyarova, V.I. Vasil'ev, V.M. Strunnikov, V.V. Zatyokin and V.S. Kulikauskas, Study of hydrogen isotope interaction with beryllium and carbon surfaces under their simultaneous exposure to stationary and powerful pulsed plasma 329–333 (2004) 825
 Guseva, M.I., see Zimin, A.M. 329–333 (2004) 855
 Haasz, A.A., see Balden, M. 329–333 (2004) 1515
 Hagiwara, M., T. Itoga, M. Baba, M.S. Uddin, N. Hirabayashi, T. Oishi and T. Yamauchi, Experimental studies on the neutron emission spectrum and activation cross-section for 40 MeV deuterons in IFMIF accelerator structural elements 329–333 (2004) 218
 Hamada, K., see Kudo, Y. 329–333 (2004) 634
 Hamada, K., see Takatsu, H. 329–333 (2004) 178
 Hamaguchi, D. and Y. Dai, Microstructural change in AlMg₃ alloy irradiated by spallation neutrons and high energy protons 329–333 (2004) 958
 Harayama, M., see Maruyama, T. 329–333 (2004) 1022
 Hasegawa, A., S. Miwa, S. Nogami, A. Taniguchi, T. Taguchi and K. Abe, Study of hydrogen effects on microstructural development of SiC base materials under simultaneous irradiation with He- and Si-ion irradiation conditions 329–333 (2004) 582
 Hasegawa, A., see Fujiwara, M. 329–333 (2004) 452
 Hasegawa, A., see Kondou, K. 329–333 (2004) 652
 Hasegawa, A., see Nogami, S. 329–333 (2004) 577
 Hasegawa, A., see Riccardi, B. 329–333 (2004) 56
 Hasegawa, A., see Sakai, K. 329–333 (2004) 457
 Hasegawa, M., see Ishijima, Y. 329–333 (2004) 775
 Hashiba, M., see Hino, T. 329–333 (2004) 673
 Hashiba, M., see Ogawa, H. 329–333 (2004) 678
 Hashimoto, N., T.S. Byun, K. Farrell and S.J. Zinkle, Deformation microstructure of neutron-irradiated pure polycrystalline metals 329–333 (2004) 947

- Hashimoto, N., see Byun, T.S. 329–333 (2004) 998
 Hashimoto, N., see Tanigawa, H. 329–333 (2004) 283
 Hashimoto, T., see Morishima, Y. 329–333 (2004) 663
 Hatakeyama, M., H. Watanabe, T. Muroga and N. Yoshida, The precipitation behavior of ion irradiated V–4Cr–4Ti alloys at various oxygen and nitrogen levels 329–333 (2004) 420
 Hatanaka, M., see Arakawa, K. 329–333 (2004) 1194
 Hatano, Y., see Hayakawa, R. 329–333 (2004) 411
 Hayakawa, R., Y. Hatano, K.-i. Fukumoto, H. Matsui and K. Watanabe, Influence of heat treatment on hydrogen ingress into V–4Cr–4Ti alloy 329–333 (2004) 411
 Hayashi, K., see Tsuchiya, K. 329–333 (2004) 1248
 Hayashi, T., see Masaki, K. 329–333 (2004) 845
 Hayashi, T., see Morioka, A. 329–333 (2004) 1619
 Hayashi, T., see Ochiai, K. 329–333 (2004) 836
 Hayes, J., see Pint, B.A. 329–333 (2004) 119
 Heinisch, H.L., F. Gao and R.J. Kurtz, The effects of interfaces on radiation damage production in layered metal composites 329–333 (2004) 924
 Heinisch, H.L., see Kurtz, R.J. 329–333 (2004) 1199
 Heinzl, V., P. Bem, E. Esposito, S. Gordeev, U. Fischer, A. Moeslang, S. Simakov, A. Shimizu, M. Sugimoto, I. Tiseanu, P. Vladimirov, Y. Watanabe and T. Yutani, Overview on the IFMIF test cell development 329–333 (2004) 223
 Heinzl, V., see Norajitra, P. 329–333 (2004) 1594
 Henager Jr., C.H., E.A. Le and R.H. Jones, A model stress analysis of swelling in SiC/SiC composites as a function of fiber type and carbon interphase structure 329–333 (2004) 502
 Heo, N.-J., see Nagasaka, T. 329–333 (2004) 1539
 Heo, N.-J., see Nishimura, A. 329–333 (2004) 438
 Hermsmeyer, S., see Boccaccini, L.V. 329–333 (2004) 148
 Hermsmeyer, S., see Cardella, A. 329–333 (2004) 133
 Hino, T., Y. Hirohata, Y. Yamauchi, M. Hashiba, A. Kohyama, Y. Kato, Y. Lee, T. Jinushi, M. Akiba, K. Nakamura, H. Yoshida, S. Sengoku, K. Tsuzuki, Y. Kusama, K. Yamaguchi and T. Muroga, Plasma material interaction studies on low activation materials used for plasma facing or blanket component 329–333 (2004) 673
 Hino, T., see Hirohata, Y. 329–333 (2004) 785
 Hino, T., see Nobuta, Y. 329–333 (2004) 800
 Hino, T., see Ogawa, H. 329–333 (2004) 678
 Hino, T., see Tsuzuki, K. 329–333 (2004) 721
 Hino, T., see Yamauchi, Y. 329–333 (2004) 397
 Hino, T., see Yoshida, H. 329–333 (2004) 790
 Hinoki, T., see Nozawa, T. 329–333 (2004) 544
 Hinoki, T., see Taguchi, T. 329–333 (2004) 572
 Hirabayashi, N., see Hagiwara, M. 329–333 (2004) 218
 Hirai, S., see Onozuka, M. 329–333 (2004) 1553
 Hirai, T., see Ohya, K. 329–333 (2004) 732
 Hirako, K., see Seki, M. 329–333 (2004) 1534
 Hiraoka, Y., see Ishijima, Y. 329–333 (2004) 775
 Hiraoka, Y., see Nihei, Y. 329–333 (2004) 648
 Hiratani, M., V.V. Bulatov and H.M. Zbib, Orientation dependent elastic interaction between a truncated stacking fault tetrahedron and a glissile dislocation 329–333 (2004) 1103
 Hirohata, Y., Y. Oya, H. Yoshida, Y. Morimoto, T. Arai, K. Kizu, J. Yagyu, K. Masaki, Y. Gotoh, K. Okuno, N. Miya, T. Hino, S. Tanaka and T. Tanabe, Depth profile and retention of hydrogen isotopes in graphite tiles used in the W-shaped divertor of JT-60U 329–333 (2004) 785
 Hirohata, Y., see Hino, T. 329–333 (2004) 673
 Hirohata, Y., see Miya, N. 329–333 (2004) 74
 Hirohata, Y., see Morimoto, Y. 329–333 (2004) 894
 Hirohata, Y., see Nobuta, Y. 329–333 (2004) 800
 Hirohata, Y., see Ogawa, H. 329–333 (2004) 678
 Hirohata, Y., see Tsuzuki, K. 329–333 (2004) 721
 Hirohata, Y., see Yamauchi, Y. 329–333 (2004) 397
 Hirohata, Y., see Yoshida, H. 329–333 (2004) 790
 Hirose, T., K. Shiba, T. Sawai, S. Jitsukawa and M. Akiba, Effects of heat treatment process for blanket fabrication on mechanical properties of F82H 329–333 (2004) 324
 Hishinuma, Y., A. Kikuchi, Y. Iijima, Y. Yoshida, T. Takeuchi, A. Nishimura and K. Inoue, Microstructure and superconductivity of V-based Laves-phase superconductor tape synthesized by a rapidly-heating/quenching process 329–333 (2004) 1580
 Hodgson, E., see Brichard, B. 329–333 (2004) 1456
 Hodgson, E., see Decretion, M. 329–333 (2004) 125
 Hodgson, E.R., see Martin, P. 329–333 (2004) 1442
 Hodgson, E.R., see Moroño, A. 329–333 (2004) 1438
 Hodgson, E.R., see Vila, R. 329–333 (2004) 1524
 Hoelzer, D.T., see Alinger, M.J. 329–333 (2004) 382
 Hoelzer, D.T., see Fukumoto, K. 329–333 (2004) 472
 Hoelzer, D.T., see Kurtz, R.J. 329–333 (2004) 47
 Hoelzer, D.T., see Miller, M.K. 329–333 (2004) 338
 Hofmann, G., see Greuner, H. 329–333 (2004) 849
 Hojo, M., see Ochiai, S. 329–333 (2004) 1585
 Hojou, K., see Yamaki, D. 329–333 (2004) 1279
 Hong, J.H., see Kim, S.H. 329–333 (2004) 299
 Hori, J., see Morioka, A. 329–333 (2004) 1619
 Hori, J., see Sato, S. 329–333 (2004) 1648
 Horiike, H., see Kondo, H. 329–333 (2004) 208
 Horiike, H., see Nakamura, H. 329–333 (2004) 202
 Hoshino, K., see Tsuzuki, K. 329–333 (2004) 721
 Hoshino, T., H. Kawamura, M. Dokeya, Y. Takahashi, T. Terai and M. Yamawaki, Non-stoichiometry of Li₂TiO₃ under hydrogen atmosphere conditions 329–333 (2004) 1300
 Hoshino, T., see Tsuchiya, K. 329–333 (2004) 1248
 Hoshiya, T., S. Takaya, T. Nakagiri and K. Aoto, Modeling of neutron

- irradiation response for B2-type ordered alloys 329–333 (2004) 1043
- Hu, Q., see Araki, H. 329–333 (2004) 567
- Hu, Q., see Yang, W. 329–333 (2004) 539
- Huang, J., see Noronha, S.J. 329–333 (2004) 1180
- Huang, Q., J. Li and Y. Chen, Study of irradiation effects in China low activation martensitic steel CLAM 329–333 (2004) 268
- Huang, Q., see Li, X. 329–333 (2004) 1407
- Huang, Q., see Wang, H. 329–333 (2004) 1374
- Huang, W.G., see Chen, J.M. 329–333 (2004) 401
- Huber, A., see Ohya, K. 329–333 (2004) 732
- Huber, T., see Greuner, H. 329–333 (2004) 849
- Hudson, T.S., S.L. Dudarev and A.P. Sutton, Suppression of interstitial cluster diffusion by oversized solute atoms 329–333 (2004) 971
- Humer, K., see Bittner-Rohrhofer, K. 329–333 (2004) 1083
- Ida, M., see Kondo, H. 329–333 (2004) 208
- Ida, M., see Nakamura, H. 329–333 (2004) 202
- Igawa, N., T. Taguchi, R. Yamada, Y. Ishii and S. Jitsukawa, Preparation of silicon-based oxide layer on high-crystalline SiC fiber as an interphase in SiC/SiC composites 329–333 (2004) 554
- Igawa, N., see Taguchi, T. 329–333 (2004) 572
- Igawa, N., see Yamada, R. 329–333 (2004) 497
- Iida, T., see Kondo, H. 329–333 (2004) 208
- Iida, T., see Sato, F. 329–333 (2004) 1034
- Iida, T., see Tanaka, T. 329–333 (2004) 1434
- Iijima, Y., see Hishinuma, Y. 329–333 (2004) 1580
- Imai, J., see Kuramoto, E. 329–333 (2004) 1223
- Imai, T., see Sasaki, M. 329–333 (2004) 899
- Imura, H., Japanese policy on the science and technology research 329–333 (2004) 1
- Inokuchi, K., see Yano, T. 329–333 (2004) 1471
- Inoue, K., see Hishinuma, Y. 329–333 (2004) 1580
- Inoue, S., see Kondo, H. 329–333 (2004) 208
- Ioka, I., M. Futakawa, A. Naito, Y. Nanjyo, K. Kiuchi and T. Naoe, Mechanical characterization of austenitic stainless steel ion irradiated under external stress 329–333 (2004) 1142
- Ioki, K., M. Akiba, P. Barabaschi, V. Barabash, S. Chiochio, W. Daenner, F. Elio, M. Enoeda, K. Ezato, G. Federici, A. Gervash, D. Grebennikov, L. Jones, S. Kajjura, V. Krylov, T. Kuroda, P. Lorenzetto, S. Maruyama, M. Merola, N. Miki, M. Morimoto, M. Nakahira, J. Ohmori, M. Onozuka, V. Rozov, K. Sato, Yu. Strebkov, S. Suzuki, V. Tanchuk, R. Tivey and Yu. Utin, ITER nuclear components, preparing for the construction and R&D results 329–333 (2004) 31
- Ise, H., see Nakamura, H. 329–333 (2004) 202
- Ishida, K., see Kawamura, H. 329–333 (2004) 112
- Ishida, S., see Kudo, Y. 329–333 (2004) 634
- Ishida, S., see Morioka, A. 329–333 (2004) 1619
- Ishii, Y., see Igawa, N. 329–333 (2004) 554
- Ishijima, Y., H. Kurishita, K. Yubuta, H. Arakawa, M. Hasegawa, Y. Hiraoka, T. Takida and K. Takebe, Current status of ductile tungsten alloy development by mechanical alloying 329–333 (2004) 775
- Ishikawa, A., see Saito, S. 329–333 (2004) 1093
- Ishikawa, N., see Shimada, M. 329–333 (2004) 1446
- Ishitsuka, E., see Nishitani, T. 329–333 (2004) 1461
- Ishitsuka, E., see Tsuchiya, K. 329–333 (2004) 1248
- Ishizai, T., see Okazawa, H. 329–333 (2004) 967
- Ishizaki, T., see Sato, K. 329–333 (2004) 929
- Ito, H., see Tsuchiya, K. 329–333 (2004) 1248
- Ito, Y., see Iwai, T. 329–333 (2004) 963
- Itoga, T., see Hagiwara, M. 329–333 (2004) 218
- Ivanov, V.M., see Rodchenkov, B.S. 329–333 (2004) 1486
- Iwadachi, T., see Kawamura, H. 329–333 (2004) 112
- Iwadachi, T., see Uchida, M. 329–333 (2004) 1342
- Iwadachi, T., see Yamada, H. 329–333 (2004) 885
- Iwahori, A., see Nishimura, A. 329–333 (2004) 438
- Iwai, T., Y. Ito and M. Koshimizu, Vacancy-type defect production in iron under ion beam irradiation investigated with positron beam Doppler broadening technique 329–333 (2004) 963
- Iwai, T., see Xu, Q. 329–333 (2004) 1558
- Iwakiri, H., K. Yasunaga, N. Yoshida, M. Uchida and H. Kawamura, Thermal desorption of deuterium from ion irradiated Be₁₂Ti 329–333 (2004) 880
- Iwakiri, H., see Fu, Z. 329–333 (2004) 692
- Iwakiri, H., see Matsuyama, M. 329–333 (2004) 752
- Iwakiri, H., see Sugano, R. 329–333 (2004) 942
- Iwakiri, H., see Tokitani, M. 329–333 (2004) 761
- Iwase, A., see Shimada, M. 329–333 (2004) 1446
- Jameson, R.A., R. Ferdinand, H. Klein, J. Rathke, J. Sredniawski and M. Sugimoto, IFMIF accelerator facility 329–333 (2004) 193
- Janeschitz, G., see Boccaccini, L.V. 329–333 (2004) 148
- Janeschitz, G., see Cardella, A. 329–333 (2004) 133
- Janeschitz, G., see Norajitra, P. 329–333 (2004) 1594
- Jankowski, A., see Pint, B.A. 329–333 (2004) 119
- JET-EFDA Contributors, see Rubel, M.J. 329–333 (2004) 795
- Jia, X. and Y. Dai, Microstructure and mechanical properties of F82H weld metal irradiated in SINQ target-3 329–333 (2004) 309
- Jin, J.O., see Lee, S.P. 329–333 (2004) 534
- Jinushi, T., see Hino, T. 329–333 (2004) 673
- Jitsukawa, S., A. Kimura, A. Kohyama, R.L. Klueh, A.A. Tavassoli, B. van der Schaaf, G.R. Odette, J.W. Rensman, M. Victoria and C. Petersen, Recent results of the reduced activation ferritic/martensitic steel development 329–333 (2004) 39

- Jitsukawa, S., see Ando, M. 329–333 (2004) 1137
 Jitsukawa, S., see Hirose, T. 329–333 (2004) 324
 Jitsukawa, S., see Igawa, N. 329–333 (2004) 554
 Jitsukawa, S., see Miwa, Y. 329–333 (2004) 1098
 Jitsukawa, S., see Shiba, K. 329–333 (2004) 243
 Jitsukawa, S., see Taguchi, T. 329–333 (2004) 572
 Jitsukawa, S., see Tanifuji, T. 329–333 (2004) 1266
 Jitsukawa, S., see Tanigawa, H. 329–333 (2004) 283
 Jitsukawa, S., see Tobita, K. 329–333 (2004) 1610
 Jitsukawa, S., see Tsukada, T. 329–333 (2004) 657
 Jitsukawa, S., see Yamaki, D. 329–333 (2004) 1279
 Jones, L., see Ioki, K. 329–333 (2004) 31
 Jones, R.H., see Henager Jr., C.H. 329–333 (2004) 502
 Jones, R.H., see Nogami, S. 329–333 (2004) 577
 Jones, R.H., see Riccardi, B. 329–333 (2004) 56
 Jones, R.H., see Youngblood, G.E. 329–333 (2004) 507
- Kagawa, T., see Sato, F. 329–333 (2004) 1034
 Kagaya, Y., see Nihei, Y. 329–333 (2004) 648
 Kai, J.J., see Duh, T.S. 329–333 (2004) 518
 Kai, J.J., see Yan, J.Y. 329–333 (2004) 513
 Kaito, T., T. Narita, S. Ukai and Y. Matsuda, High temperature oxidation behavior of ODS steels 329–333 (2004) 1388
 Kaito, T., see Ohtsuka, S. 329–333 (2004) 372
 Kaito, T., see Seki, M. 329–333 (2004) 1534
 Kajiura, S., see Ioki, K. 329–333 (2004) 31
 Kakiuchi, K., see Fujiwara, M. 329–333 (2004) 452
 Kakui, H., see Nakamura, H. 329–333 (2004) 202
 Kakuta, T., see Brichard, B. 329–333 (2004) 1456
 Kalchenko, A.S., see Borodin, O.V. 329–333 (2004) 630
 Kalin, B.A., V.T. Fedotov, O.N. Sevrjukov, A. Moeslang and M. Rohde, Development of rapidly quenched brazing foils to join tungsten alloys with ferritic steel 329–333 (2004) 1544
 Kalinin, G., see Bulanova, T. 329–333 (2004) 639
 Kalinin, G.M., B.S. Rodchenkov and V.A. Pechenkin, Specification of stress limits for irradiated 316L(N)-IG steel in ITER structural design criteria 329–333 (2004) 1615
 Kalinin, G.M., see Rodchenkov, B.S. 329–333 (2004) 1486
 Kaminaga, A., see Masaki, K. 329–333 (2004) 845
 Kaminaga, A., see Morioka, A. 329–333 (2004) 1619
 Kamiya, K., see Ogawa, H. 329–333 (2004) 678
 Kamiya, K., see Tsuzuki, K. 329–333 (2004) 721
 Kanedome, M., see Wang, Y. 329–333 (2004) 477
 Kang, S.M., J.Y. Park, W.-J. Kim, S.G. Yoon and W.S. Ryu, Densification of SiC_p/SiC composite by the multi-step of whisker growing and matrix filling 329–333 (2004) 530
 Kang, Y. and T. Terai, In-reactor experiment and the tritium diffusion coefficient in molten lithium–tin alloy 329–333 (2004) 1318
 Kasada, R., see Ono, H. 329–333 (2004) 1117
 Kasai, S., see Ogawa, H. 329–333 (2004) 678
 Kasai, S., see Sugie, T. 329–333 (2004) 1481
 Kasai, S., see Tsuzuki, K. 329–333 (2004) 721
 Kashiwakura, K., see Morishima, Y. 329–333 (2004) 663
 Kasperek, W., see Greuner, H. 329–333 (2004) 849
 Katahira, K., see Yao, Z. 329–333 (2004) 1414
 Kato, S., see Yoshida, E. 329–333 (2004) 1393
 Katoh, Y., A. Kohyama, T. Nozawa and M. Sato, SiC/SiC composites through transient eutectic-phase route for fusion applications 329–333 (2004) 587
 Katoh, Y., see Duh, T.S. 329–333 (2004) 518
 Katoh, Y., see Hino, T. 329–333 (2004) 673
 Katoh, Y., see Lee, S.P. 329–333 (2004) 534
 Katoh, Y., see Lee, Y. 329–333 (2004) 549
 Katoh, Y., see Nozawa, T. 329–333 (2004) 544
 Katoh, Y., see Park, J.S. 329–333 (2004) 558
 Katoh, Y., see Riccardi, B. 329–333 (2004) 56
 Katoh, Y., see Ryazanov, A.I. 329–333 (2004) 486
 Katoh, Y., see Sha, J.J. 329–333 (2004) 592
 Katoh, Y., see Son, S.J. 329–333 (2004) 1549
 Katoh, Y., see Taguchi, T. 329–333 (2004) 572
 Katoh, Y., see Yan, J.Y. 329–333 (2004) 513
 Katoh, Y., see Yang, W. 329–333 (2004) 539
 Katsura, R., J. Morisawa, S. Kawano and B.M. Oliver, Post-irradiation annealing effect on helium diffusivity in austenitic stainless steels 329–333 (2004) 668
 Kawai, M., see Saito, S. 329–333 (2004) 1093
 Kawakami, R., T. Shimada, Y. Ueda and M. Nishikawa, Simulation study of dynamical material mixing on tungsten surfaces at elevated temperatures due to hydrogen and carbon mixed ion beam irradiation 329–333 (2004) 737
 Kawakami, R., see Mitani, T. 329–333 (2004) 830
 Kawakami, R., see Shimada, T. 329–333 (2004) 747
 Kawakami, R., see Ueda, Y. 329–333 (2004) 771
 Kawamoto, K., see Oyaidzu, M. 329–333 (2004) 1313
 Kawamura, H., H. Takahashi, N. Yoshida, Y. Mishima, K. Ishida, T. Iwadachi, A. Cardella, J.G. van der Laan, M. Uchida, K. Munakata, Y. Sato, V. Shestakov and S. Tanaka, Present status of beryllide R&D as neutron multiplier 329–333 (2004) 112
 Kawamura, H., see Hoshino, T. 329–333 (2004) 1300
 Kawamura, H., see Iwakiri, H. 329–333 (2004) 880
 Kawamura, H., see Munakata, K. 329–333 (2004) 1357
 Kawamura, H., see Tsuchiya, K. 329–333 (2004) 1248
 Kawamura, H., see Uchida, M. 329–333 (2004) 1342
 Kawamura, H., see Yamada, H. 329–333 (2004) 885
 Kawano, S., see Katsura, R. 329–333 (2004) 668
 Kawano, S., see Morishima, Y. 329–333 (2004) 663
 Kawase, Y., see Okazawa, H. 329–333 (2004) 967
 Kawashima, H., see Nishitani, T. 329–333 (2004) 1461
 Kawashima, H., see Ogawa, H. 329–333 (2004) 678
 Kawashima, H., see Tsuzuki, K. 329–333 (2004) 721
 Ke, Y., see Wang, H. 329–333 (2004) 1374
 Kenik, E.A., see Miller, M.K. 329–333 (2004) 338
 Kihara, Y., see Seki, M. 329–333 (2004) 1534
 Kikuchi, A., see Hishinuma, Y. 329–333 (2004) 1580
 Kikuchi, K., see Onozuka, M. 329–333 (2004) 1553

- Kikuchi, K., see Saito, S. 329–333 (2004) 1093
 Kikuchi, K., see Tsuzuki, K. 329–333 (2004) 721
 Kikukawa, A., see Tsuchiya, K. 329–333 (2004) 1248
 Kim, I.S., J.S. Lee and A. Kimura, Embrittlement of ER309L stainless steel clad by σ -phase and neutron irradiation 329–333 (2004) 607
 Kim, I.S., see Lee, S.P. 329–333 (2004) 534
 Kim, S.H., B.J. Song, W.S. Ryu and J.H. Hong, Creep rupture properties of nitrogen added 10Cr ferritic/martensitic steels 329–333 (2004) 299
 Kim, S.W., H.K. Yoon, W.J. Park and A. Kohyama, Fatigue crack growth behavior of JLF-1 steel including TIG weldments 329–333 (2004) 248
 Kim, W.-J., see Kang, S.M. 329–333 (2004) 530
 Kimura, A., see Akasaka, N. 329–333 (2004) 1053
 Kimura, A., see Cho, H.S. 329–333 (2004) 387
 Kimura, A., see Jitsukawa, S. 329–333 (2004) 39
 Kimura, A., see Kim, I.S. 329–333 (2004) 607
 Kimura, A., see Lee, J.S. 329–333 (2004) 1122
 Kimura, A., see Ono, H. 329–333 (2004) 1117
 Kimura, A., see Sugano, R. 329–333 (2004) 942
 Kimura, A., see Yoshitake, T. 329–333 (2004) 342
 Kimura, H., see Kodama, H. 329–333 (2004) 889
 Kimura, H., see Oyaidzu, M. 329–333 (2004) 1313
 Kimura, H., see Sasaki, M. 329–333 (2004) 899
 Kinjyo, T., see Beloglazov, S. 329–333 (2004) 1274
 Kinno, M., see Morioka, A. 329–333 (2004) 1619
 Kinoshita, C., see Ryazanov, A.I. 329–333 (2004) 97
 Kinoshita, C., see Shiiyama, K. 329–333 (2004) 1520
 Kinoshita, C., see Shimada, M. 329–333 (2004) 1446
 Kinoshita, C., see Yasuda, K. 329–333 (2004) 1451
 Kinoshita, H., see Bae, D.S. 329–333 (2004) 1038
 Kinoshita, H., see Lu, Z. 329–333 (2004) 1017
 Kinoshita, H., see Yu, G. 329–333 (2004) 1003
 Kirschner, A., see Ohya, K. 329–333 (2004) 732
 Kishimoto, H., M.J. Alinger, G.R. Odette and T. Yamamoto, TEM examination of microstructural evolution during processing of 14CrYWTi nanostructured ferritic alloys 329–333 (2004) 369
 Kishimoto, H., see Odette, G.R. 329–333 (2004) 1243
 Kishimoto, H., see Ryazanov, A.I. 329–333 (2004) 486
 Kishimoto, N., N. Okubo, O.A. Plaksin and Y. Takeda, Electronic excitation effects on radiation damage in insulators under ion irradiation 329–333 (2004) 1048
 Kishimoto, N., see Plaksin, O.A. 329–333 (2004) 1490
 Kiuchi, K., see Ioka, I. 329–333 (2004) 1142
 Kizane, G., J. Tiliks, A. Vitinš and J. Rudzitis, Tritium localisation and release from the ceramic pebbles of breeder 329–333 (2004) 1287
 Kizu, K., see Hirohata, Y. 329–333 (2004) 785
 Kizu, K., see Morimoto, Y. 329–333 (2004) 894
 Klaptsov, A.V., see Ryazanov, A.I. 329–333 (2004) 97
 Klaptsov, A.V., see Ryazanov, A.I. 329–333 (2004) 486
 Klein, H., see Jameson, R.A. 329–333 (2004) 193
 Klimiankou, M., R. Lindau and A. Möslang, TEM characterization of structure and composition of nano-sized ODS particles in reduced activation ferritic–martensitic steels 329–333 (2004) 347
 Klimiankou, M., see Coppola, R. 329–333 (2004) 1057
 Klix, A., see Verzilov, Y. 329–333 (2004) 1337
 Klueh, R.L., see Jitsukawa, S. 329–333 (2004) 39
 Klueh, R.L., see Tanigawa, H. 329–333 (2004) 283
 Klyamkin, S., see Brichard, B. 329–333 (2004) 1456
 Knowles, T.R., see Renk, T.J. 329–333 (2004) 726
 Kobayashi, S., Y. Tsuruoka, K. Nakai and H. Kurishita, Effect of neutron irradiation on the microstructure and hardness in particle dispersed ultra-fine grained V–Y alloys 329–333 (2004) 447
 Kobayashi, S., see Oda, S. 329–333 (2004) 462
 Koch, F., R. Brill, H. Maier, D. Levchuk, A. Suzuki, T. Muroga and H. Bolt, Crystallization behavior of arc-deposited ceramic barrier coatings 329–333 (2004) 1403
 Kodama, H., M. Oyaidzu, M. Sasaki, H. Kimura, Y. Morimoto, Y. Oya, M. Matsuyama, A. Sagara, N. Noda and K. Okuno, Studies on structural and chemical characterization for boron coating films deposited by PCVD 329–333 (2004) 889
 Kodama, H., see Morimoto, Y. 329–333 (2004) 894
 Kodama, H., see Nakagawa, S. 329–333 (2004) 904
 Kodama, H., see Oya, Y. 329–333 (2004) 870
 Kodama, H., see Oyaidzu, M. 329–333 (2004) 1313
 Kodama, K., see Gotoh, Y. 329–333 (2004) 840
 Kodama, K., see Masaki, K. 329–333 (2004) 845
 Kodeli, I., Cross-section sensitivity analyses of 14 MeV Neutron Benchmark Experiment on Tungsten 329–333 (2004) 717
 Koga, A., see Narisato, Y. 329–333 (2004) 1370
 Koga, A., see Okabe, H. 329–333 (2004) 1309
 Kohlbrecher, J., see Spätig, P. 329–333 (2004) 289
 Kohno, Y., see Nihei, Y. 329–333 (2004) 648
 Kohya, T., see Nakano, J. 329–333 (2004) 643
 Kohyama, A., see Ando, M. 329–333 (2004) 1137
 Kohyama, A., see Duh, T.S. 329–333 (2004) 518
 Kohyama, A., see Hino, T. 329–333 (2004) 673
 Kohyama, A., see Jitsukawa, S. 329–333 (2004) 39
 Kohyama, A., see Katoh, Y. 329–333 (2004) 587
 Kohyama, A., see Kim, S.W. 329–333 (2004) 248
 Kohyama, A., see Lee, S.P. 329–333 (2004) 534
 Kohyama, A., see Lee, Y. 329–333 (2004) 549
 Kohyama, A., see Nozawa, T. 329–333 (2004) 544
 Kohyama, A., see Park, J.S. 329–333 (2004) 558
 Kohyama, A., see Riccardi, B. 329–333 (2004) 56
 Kohyama, A., see Ryazanov, A.I. 329–333 (2004) 486
 Kohyama, A., see Sha, J.J. 329–333 (2004) 592
 Kohyama, A., see Son, S.J. 329–333 (2004) 1549
 Kohyama, A., see Taguchi, T. 329–333 (2004) 572
 Kohyama, A., see Tamura, M. 329–333 (2004) 328
 Kohyama, A., see Tanigawa, H. 329–333 (2004) 283
 Kohyama, A., see Yan, J.Y. 329–333 (2004) 513
 Kohyama, A., see Yang, W. 329–333 (2004) 539

- Kohyama, A., see Ying, A.Y. 329–333 (2004) 1605
- Koizumi, N., see Okuno, K. 329–333 (2004) 141
- Kolbasov, B.N., see Bartenev, S.A. 329–333 (2004) 406
- Kolbasov, B.N., see Guseva, M.I. 329–333 (2004) 825
- Kolbasov, B.N., see Zimin, A.M. 329–333 (2004) 855
- Komatsu, N., see Satou, M. 329–333 (2004) 1571
- Komori, A., see Miyamoto, M. 329–333 (2004) 742
- Kondo, H., A. Fujisato, N. Yamaoka, S. Inoue, S. Miyamoto, F. Sato, T. Iida, H. Horiike, I. Matsushita, M. Ida, H. Nakamura, H. Nakamura and T. Muroga, High speed lithium flow experiments for IFMIF target 329–333 (2004) 208
- Kondoh, T., see Nishitani, T. 329–333 (2004) 1461
- Kondou, K., A. Hasegawa and K. Abe, Study on irradiation induced corrosion behavior in austenitic stainless steel using hydrogen-ion bombardment 329–333 (2004) 652
- Konishi, S., Discussion on fast track and impact on materials R&D strategy – fusion material issues for the energy systems in future 329–333 (2004) 161
- Konishi, S., see Tobita, K. 329–333 (2004) 1610
- Kono, S., see Seki, M. 329–333 (2004) 1534
- Konobeev, Yu.V., see Dvoriashin, A.M. 329–333 (2004) 319
- Konobeev, Yu.V., see Porollo, S.I. 329–333 (2004) 314
- Konobeev, Yu.V., see Stepanov, I.A. 329–333 (2004) 1214
- Konovalov, V.G., see Balden, M. 329–333 (2004) 1515
- Konovalov, V.G., see Voitsenya, V.S. 329–333 (2004) 1476
- Konys, J., W. Krauss, Z. Voss and O. Wedemeyer, Corrosion behavior of EUROFER steel in flowing eutectic Pb–17Li alloy 329–333 (2004) 1379
- Konys, J., see Norajitra, P. 329–333 (2004) 1594
- Korotaev, A.D., see Tyumentsev, A.N. 329–333 (2004) 429
- Korshunov, S.N., see Guseva, M.I. 329–333 (2004) 825
- Koshiishi, M., see Morishima, Y. 329–333 (2004) 663
- Koshimizu, M., see Iwai, T. 329–333 (2004) 963
- Kovalchuk, V.D., see Eichin, R. 329–333 (2004) 1638
- Kovalchuk, V.D., see Seidel, K. 329–333 (2004) 1629
- Kovalev, A.M., see Kupriyanov, I.B. 329–333 (2004) 809
- Koyama, M., K. Fukumoto and H. Matsui, Effects of purity on high temperature mechanical properties of vanadium alloys 329–333 (2004) 442
- Koza, Y., E. Berthe, E. Lehmann, J. Linke, M. Rödiger, E. Wessel and L. Singheiser, Formation of dust particles under the influence of intense thermal loads 329–333 (2004) 706
- Kozlov, A.V., see Balachov, I.I. 329–333 (2004) 617
- Kozlov, A.V., see Rodchenkov, B.S. 329–333 (2004) 1486
- Krauss, W., see Bolt, H. 329–333 (2004) 66
- Krauss, W., see Konys, J. 329–333 (2004) 1379
- Krauss, W., see Norajitra, P. 329–333 (2004) 1594
- Kruessmann, R., see Norajitra, P. 329–333 (2004) 1594
- Krylov, V., see Ioki, K. 329–333 (2004) 31
- Kubota, A., see Mota, F. 329–333 (2004) 1190
- Kudo, Y., A. Sakasai, K. Hamada, K. Takano, H. Nakajima, K. Okuno, M. Matsukawa, H. Tamai and S. Ishida, Mechanical tests on the welding part of SS316LN after heat treatment for Nb₃Sn superconducting conductor 329–333 (2004) 634
- Kuehnlein, W., see Roedig, M. 329–333 (2004) 766
- Kulikauskas, V.S., see Guseva, M.I. 329–333 (2004) 825
- Kulikauskas, V.S., see Zimin, A.M. 329–333 (2004) 855
- Kumric, H., see Greuner, H. 329–333 (2004) 849
- Kupriyanov, I.B., V.A. Gorokhov, V.V. Vlasov, A.M. Kovalev and V.P. Chakin, The effect of helium generation and irradiation temperature on tritium release from neutron irradiated beryllium 329–333 (2004) 809
- Kupryanov, I.B., see Chakin, V.P. 329–333 (2004) 1347
- Kuramoto, E., K. Ohsawa, J. Imai, K. Obata and T. Tsutsumi, Computer simulation of the dynamical and thermally activated motion of interstitial clusters in Fe 329–333 (2004) 1223
- Kurata, H., see Ono, K. 329–333 (2004) 933
- Kurishita, H., T. Yamamoto, M. Narui, H. Suwarno, T. Yoshitake, Y. Yano, M. Yamazaki and H. Matsui, Specimen size effects on ductile–brittle transition temperature in Charpy impact testing 329–333 (2004) 1107
- Kurishita, H., see Ishijima, Y. 329–333 (2004) 775
- Kurishita, H., see Kobayashi, S. 329–333 (2004) 447
- Kurishita, H., see Oda, S. 329–333 (2004) 462
- Kurita, G., see Tsuzuki, K. 329–333 (2004) 721
- Kuriu, S., see Mitani, T. 329–333 (2004) 830
- Kuroda, T., see Ioki, K. 329–333 (2004) 31
- Kuroda, T., see Takatsu, H. 329–333 (2004) 178
- Kurtz, R.J. and H.L. Heinisch, The effects of grain boundary structure on binding of He in Fe 329–333 (2004) 1199
- Kurtz, R.J., K. Abe, V.M. Chernov, D.T. Hoelzer, H. Matsui, T. Muroga and G.R. Odette, Recent progress on development of vanadium alloys for fusion 329–333 (2004) 47
- Kurtz, R.J., see Heinisch, H.L. 329–333 (2004) 924
- Kurtz, R.J., see Toloczko, M.B. 329–333 (2004) 352
- Kusama, Y., see Hino, T. 329–333 (2004) 673
- Kusama, Y., see Ogawa, H. 329–333 (2004) 678
- Kusama, Y., see Tsuzuki, K. 329–333 (2004) 721
- Kutsukake, C., see Ochiai, K. 329–333 (2004) 836
- Kutsuwada, M., see Shiiyama, K. 329–333 (2004) 1520
- Kvasnitskij, I.B., see Bartenev, S.A. 329–333 (2004) 406
- La Barbera, A., see Alves, L.C. 329–333 (2004) 1295
- Laesser, R., see Andreani, R. 329–333 (2004) 20
- Lagerstedt, C., see Wallenius, J. 329–333 (2004) 1175
- Lambard, V., see Alamo, A. 329–333 (2004) 333
- Lancha, A.M., see Fernández, P. 329–333 (2004) 273
- Lancha, A.-M., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Landman, I., see Pestchanyi, S. 329–333 (2004) 697

- Lapeña, J., see Fernández, P. 329–333 (2004) 273
- Lässer, R., see Cardella, A. 329–333 (2004) 133
- Le, E.A., see Henager Jr., C.H. 329–333 (2004) 502
- Lee, H.M., see Bae, D.S. 329–333 (2004) 1038
- Lee, J.K., see Park, J.S. 329–333 (2004) 558
- Lee, J.S., A. Kimura, S. Ukai and M. Fujiwara, Effects of hydrogen on the mechanical properties of oxide dispersion strengthening steels 329–333 (2004) 1122
- Lee, J.S., see Kim, I.S. 329–333 (2004) 607
- Lee, S.P., J.O. Jin, J.S. Park, A. Kohyama, Y. Katoh, H.K. Yoon, D.S. Bae and I.S. Kim, High temperature characterization of reaction sintered SiC based materials 329–333 (2004) 534
- Lee, Y., S.J. Son, Y. Katoh and A. Kohyama, Damage evaluation of W-coated SiC by thermal conductivity measurement 329–333 (2004) 549
- Lee, Y., see Hino, T. 329–333 (2004) 673
- Lehmann, E., see Koza, Y. 329–333 (2004) 706
- Levchuk, D., see Koch, F. 329–333 (2004) 1403
- Lewinsohn, C.A., see Serizawa, H. 329–333 (2004) 492
- Leyens, C., see Brendel, A. 329–333 (2004) 804
- LHD Experimental Group, see Nobuta, Y. 329–333 (2004) 800
- Li, J., see Huang, Q. 329–333 (2004) 268
- Li, M., B.N. Singh and J.F. Stubbins, Room temperature creep-fatigue response of selected copper alloys for high heat flux applications 329–333 (2004) 865
- Li, M., see Pan, X. 329–333 (2004) 1088
- Li, X., G. Yu, J. Yu, K. Wang and Q. Huang, Al based coating on martensitic steel 329–333 (2004) 1407
- Li, X., see Yu, G. 329–333 (2004) 1003
- Libera, S., see Riccardi, B. 329–333 (2004) 562
- Likonen, J., see Rubel, M.J. 329–333 (2004) 795
- Lindau, R., see Klimiankou, M. 329–333 (2004) 347
- Lindau, R., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Lindig, S., see Greuner, H. 329–333 (2004) 849
- Linke, J., see Bolt, H. 329–333 (2004) 66
- Linke, J., see Koza, Y. 329–333 (2004) 706
- Linke, J., see Roedig, M. 329–333 (2004) 766
- Lipa, M., see Durocher, A. 329–333 (2004) 914
- Lipa, M., see Grosman, A. 329–333 (2004) 909
- Li Puma, A., see Cardella, A. 329–333 (2004) 133
- Litovchenko, S.V., see Tyumentsev, A.N. 329–333 (2004) 429
- Liu, X., S. Tamura, K. Tokunaga, N. Yoshida, N. Noda, L. Yang and Z. Xu, High heat flux properties of pure tungsten and plasma sprayed tungsten coatings 329–333 (2004) 687
- Liu, X., see Tamura, S. 329–333 (2004) 711
- Loginov, N., see Nakamura, H. 329–333 (2004) 202
- Lorenzetto, P., see Ioki, K. 329–333 (2004) 31
- Lorenzetto, P., see Peacock, A.T. 329–333 (2004) 173
- Lu, Z., R.G. Faulkner, N. Sakaguchi, H. Kinoshita, H. Takahashi and P.E.J. Flewitt, Control of phosphorus inter-granular segregation in ferritic steels 329–333 (2004) 1017
- Lucas, G.E., see Odette, G.R. 329–333 (2004) 1243
- Lucon, E., R. Chaouadi and M. Decréton, Mechanical properties of the European reference RAFM steel (EUROFER97) before and after irradiation at 300 °C 329–333 (2004) 1078
- Lucon, E., see Rensman, J. 329–333 (2004) 1113
- Lucon, E., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Lulewicz, J.D., see Cardella, A. 329–333 (2004) 133
- Maday, M.F., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Magielsen, A.J., see Casadio, S. 329–333 (2004) 1252
- Magnani, M., see Coppola, R. 329–333 (2004) 1057
- Maier, H., see Koch, F. 329–333 (2004) 1403
- Maix, R.K., see Bittner-Rohrhofer, K. 329–333 (2004) 1083
- Majumdar, S., see Wong, C.P.C. 329–333 (2004) 1599
- Maksimkin, O.P., K.V. Tsai, L.G. Turubarova, T. Doronina and F.A. Garner, Characterization of 08Cr-16Ni11Mo3 stainless steel irradiated in the BN-350 reactor 329–333 (2004) 625
- Malang, S., see Norajitra, P. 329–333 (2004) 1594
- Malang, S., see Wong, C.P.C. 329–333 (2004) 1599
- Malerba, L., D. Terentyev, P. Olsson, R. Chakarova and J. Wallenius, Molecular dynamics simulation of displacement cascades in Fe–Cr alloys 329–333 (2004) 1156
- Malerba, L., see Terentyev, D. 329–333 (2004) 1161
- Malerba, L., see Wallenius, J. 329–333 (2004) 1175
- Maloy, S.A., see Oliver, B.M. 329–333 (2004) 977
- Mansur, L.K., A.F. Rowcliffe, R.K. Nanstad, S.J. Zinkle, W.R. Corwin and R.E. Stoller, Materials needs for fusion, Generation IV fission reactors and spallation neutron sources – similarities and differences 329–333 (2004) 166
- Marbach, G., see Grosman, A. 329–333 (2004) 909
- Marian, J., see Wirth, B.D. 329–333 (2004) 103
- Markovskij, D.V., see Eichin, R. 329–333 (2004) 1638
- Markovskij, D.V., see Seidel, K. 329–333 (2004) 1629
- Marmy, P., In-beam mechanical testing of CuCrZr 329–333 (2004) 188
- Marmy, P., see Peacock, A.T. 329–333 (2004) 173
- Martin, G., see Durocher, A. 329–333 (2004) 914
- Martin, P., A. Moroño and E.R. Hodgson, Laser induced damage enhancement due to stainless steel deposition on KS-4V and KUI quartz glasses 329–333 (2004) 1442
- Maruyama, S., see Ioki, K. 329–333 (2004) 31
- Maruyama, T. and M. Harayama, Relationship between dimensional changes and the thermal conductivity of neutron-irradiated SiC 329–333 (2004) 1022
- Maruyama, T., see Yano, T. 329–333 (2004) 1471
- Masaki, K., J. Yagyū, Y. Miyo, Y. Gotō, T. Arai, T. Hayashi, K.

- Kodama, T. Sasajima, A. Kaminaga, T. Tanabe and N. Miya, In-out asymmetry of low-Z impurity deposition on the JT-60U divertor tiles 329–333 (2004) 845
- Masaki, K., see Gotoh, Y. 329–333 (2004) 840
- Masaki, K., see Hirohata, Y. 329–333 (2004) 785
- Masaki, K., see Morimoto, Y. 329–333 (2004) 894
- Masaki, K., see Morioka, A. 329–333 (2004) 1619
- Masaki, K., see Ochiai, K. 329–333 (2004) 836
- Masaki, K., see Sugiyama, K. 329–333 (2004) 874
- Masuzaki, S., see Miyamoto, M. 329–333 (2004) 742
- Masuzaki, S., see Nobuta, Y. 329–333 (2004) 800
- Matern, G., see Greuner, H. 329–333 (2004) 849
- Mathon, M.H., see Alamo, A. 329–333 (2004) 333
- Matsuda, Y., see Kaito, T. 329–333 (2004) 1388
- Matsui, H., see Fukumoto, K. 329–333 (2004) 472
- Matsui, H., see Hayakawa, R. 329–333 (2004) 411
- Matsui, H., see Koyama, M. 329–333 (2004) 442
- Matsui, H., see Kurishita, H. 329–333 (2004) 1107
- Matsui, H., see Kurtz, R.J. 329–333 (2004) 47
- Matsui, H., see Nakamura, H. 329–333 (2004) 202
- Matsui, H., see Oda, S. 329–333 (2004) 462
- Matsui, H., see Satoh, Y. 329–333 (2004) 1185
- Matsui, H., see Sugiyama, M. 329–333 (2004) 467
- Matsukawa, M., see Kudo, Y. 329–333 (2004) 634
- Matsukawa, M., see Morioka, A. 329–333 (2004) 1619
- Matsukawa, Y. and S.J. Zinkle, Dynamic observation of the collapse process of a stacking fault tetrahedron by moving dislocations 329–333 (2004) 919
- Matsukawa, Y., see Osetsky, Yu.N. 329–333 (2004) 1228
- Matsukawa, Y., see Zinkle, S.J. 329–333 (2004) 88
- Matsumura, S., see Shiiyama, K. 329–333 (2004) 1520
- Matsumura, S., see Shimada, M. 329–333 (2004) 1446
- Matsumura, S., see Yasuda, K. 329–333 (2004) 1451
- Matsuyama, M., S. Nakagawa, M. Enyama, K. Watanabe, H. Iwakiri and N. Yoshida, Effects of heat treatment on trapping and release of tritium from He pre-irradiated tungsten 329–333 (2004) 752
- Matsuyama, M., see Kodama, H. 329–333 (2004) 889
- Matsuyama, M., see Nakagawa, S. 329–333 (2004) 904
- Matsuyama, M., see Oya, Y. 329–333 (2004) 870
- Matsuyama, M., see Torikai, Y. 329–333 (2004) 1624
- Mattas, R., see Wong, C.P.C. 329–333 (2004) 1599
- Matthews, G.F., see Rubel, M.J. 329–333 (2004) 795
- Mattoni, A., see Salvador, M. 329–333 (2004) 1219
- Matushita, I., see Kondo, H. 329–333 (2004) 208
- Maximov, D.V., see Seidel, K. 329–333 (2004) 1629
- Mayer, M., see Greuner, H. 329–333 (2004) 849
- Mazul, I., see Norajitra, P. 329–333 (2004) 1594
- Melder, R.R., see Chakin, V.P. 329–333 (2004) 1347
- Mergia, K., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Merola, M., see Appendino, P. 329–333 (2004) 1563
- Merola, M., see Ioki, K. 329–333 (2004) 31
- Merola, M., see Peacock, A.T. 329–333 (2004) 173
- Merola, M., see Roedig, M. 329–333 (2004) 766
- Merrill, B., see Wong, C.P.C. 329–333 (2004) 1599
- Merrill, B.J., see Anderl, R.A. 329–333 (2004) 1327
- Micicche, G., see Nakamura, H. 329–333 (2004) 202
- Miki, N., see Ioki, K. 329–333 (2004) 31
- Miller, M.K., D.T. Hoelzer, E.A. Kenik and K.F. Russell, Nanometer scale precipitation in ferritic MA/ODS alloy MA957 329–333 (2004) 338
- Mironova, E.G., see Budylnkin, N.I. 329–333 (2004) 621
- Mishima, Y., see Kawamura, H. 329–333 (2004) 112
- Mitani, T., R. Kawakami and S. Kuriu, Simulation study of sputtering erosion and impurity deposition on carbon and tungsten surfaces irradiated with deuterium plasmas including carbon impurity 329–333 (2004) 830
- Mitrofanova, N.M., see Budylnkin, N.I. 329–333 (2004) 621
- Mitteau, R., see Grosman, A. 329–333 (2004) 909
- Miwa, S., see Hasegawa, A. 329–333 (2004) 582
- Miwa, Y., S. Jitsukawa and M. Yonekawa, Fatigue properties of F82H irradiated at 523 K to 3.8 dpa 329–333 (2004) 1098
- Miwa, Y., see Nakano, J. 329–333 (2004) 643
- Miwa, Y., see Tsukada, T. 329–333 (2004) 657
- Miya, N., T. Tanabe, M. Nishikawa, K. Okuno, Y. Hirohata and Y. Oya, Major results of the cooperative program between JAERI and universities using plasma facing materials in JT-60U 329–333 (2004) 74
- Miya, N., see Gotoh, Y. 329–333 (2004) 840
- Miya, N., see Hirohata, Y. 329–333 (2004) 785
- Miya, N., see Masaki, K. 329–333 (2004) 845
- Miya, N., see Morimoto, Y. 329–333 (2004) 894
- Miya, N., see Ochiai, K. 329–333 (2004) 836
- Miya, N., see Sugiyama, K. 329–333 (2004) 874
- Miyamoto, M., M. Tokitani, K. Tokunaga, T. Fujiwara, N. Yoshida, S. Masuzaki and A. Komori, Microscopic damage of materials exposed to glow discharge cleanings in LHD 329–333 (2004) 742
- Miyamoto, M., see Tokitani, M. 329–333 (2004) 761
- Miyamoto, S., see Kondo, H. 329–333 (2004) 208
- Miyasaka, K., see Sugiyama, K. 329–333 (2004) 874
- Miyazaki, N., see Ochiai, S. 329–333 (2004) 1585
- Miyo, Y., see Masaki, K. 329–333 (2004) 845
- Mizukami, S., see Yoshida, T. 329–333 (2004) 982
- Moeslang, A., see Heinzl, V. 329–333 (2004) 223
- Moeslang, A., see Kalin, B.A. 329–333 (2004) 1544
- Moeslang, A., see Norajitra, P. 329–333 (2004) 1594
- Mogahed, E., see Wong, C.P.C. 329–333 (2004) 1599
- Molodsov, A.A., see Pinaev, S.S. 329–333 (2004) 1419
- Monden, J., see Fukada, S. 329–333 (2004) 1365
- Montanari, R., G. Filacchioni, B. Riccardi, M.E. Tata and G. Costanza, Characterization of Eurofer-97 TIG-welded joints by FIMEC indentation tests 329–333 (2004) 1529
- Mori, H., see Arakawa, K. 329–333 (2004) 1194
- Morimoto, M., see Ioki, K. 329–333 (2004) 31
- Morimoto, Y., H. Kimura, K. Takahashi, K. Sakamoto, T. Imai and K. Okuno, M. Sasaki, Energetic deuterium and helium irradiation effects

- on chemical structure of CVD diamond 329–333 (2004) 899
- Morimoto, Y., Y. Oya, Y. Hirohata, H. Kodama, H. Yoshida, K. Kizu, J. Yagyu, K. Masaki, Y. Gotoh, N. Miya, K. Okuno and T. Tanabe, Correlation between hydrogen isotope profiles and surface structure of divertor tiles in JT-60U 329–333 (2004) 894
- Morimoto, Y., see Hirohata, Y. 329–333 (2004) 785
- Morimoto, Y., see Kodama, H. 329–333 (2004) 889
- Morimoto, Y., see Oya, Y. 329–333 (2004) 870
- Morimoto, Y., see Oyaidzu, M. 329–333 (2004) 1313
- Morimoto, Y., see Sasaki, M. 329–333 (2004) 899
- Morimoto, Y., see Smolik, G. 329–333 (2004) 1322
- Morioka, A., S. Sato, M. Kinno, A. Sakasai, J. Hori, K. Ochiai, M. Yamauchi, T. Nishitani, A. Kaminaga, K. Masaki, S. Sakurai, T. Hayashi, M. Matsukawa, H. Tamai and S. Ishida, Irradiation and penetration tests of boron-doped low activation concrete using 2.45 and 14 MeV neutron sources 329–333 (2004) 1619
- Morisawa, J., see Katsura, R. 329–333 (2004) 668
- Morishima, Y., M. Koshiishi, K. Kashiwakura, T. Hashimoto and S. Kawano, Re-weldability of neutron irradiated Type 304 and 316L stainless steels 329–333 (2004) 663
- Morishita, K., see Sugano, R. 329–333 (2004) 942
- Morishita, N., see Adachi, T. 329–333 (2004) 1499
- Moritani, K., Y. Teraoka, I. Takagi and H. Moriyama, Electron spin resonance measurement of irradiation defects in vitreous silica irradiated with neutrons and ion beams 329–333 (2004) 988
- Moritani, K., see Takagi, I. 329–333 (2004) 434
- Moriyama, H., see Moritani, K. 329–333 (2004) 988
- Moriyama, H., see Oyaidzu, M. 329–333 (2004) 1313
- Moriyama, H., see Takagi, I. 329–333 (2004) 434
- Moroño, A., R. Vila and E.R. Hodgson, KU1 and KS-4V quartz glass lenses for remote handling and diagnostic optical transmission systems 329–333 (2004) 1438
- Moroño, A., see Martin, P. 329–333 (2004) 1442
- Möslang, A., see Cardella, A. 329–333 (2004) 133
- Möslang, A., see Coppola, R. 329–333 (2004) 1057
- Möslang, A., see Klimiankou, M. 329–333 (2004) 347
- Möslang, A., see Vladimirov, P. 329–333 (2004) 233
- Mota, F., M.-J. Caturla, J.M. Perlado, E. Dominguez and A. Kubota, Atomistic simulations of threshold displacement energies in SiO₂ 329–333 (2004) 1190
- Motojima, O., see Nobuta, Y. 329–333 (2004) 800
- Munakata, K., H. Kawamura and M. Uchida, Stability of titanium beryllide under water vapor 329–333 (2004) 1357
- Munakata, K., see Kawamura, H. 329–333 (2004) 112
- Munakata, K., see Narisato, Y. 329–333 (2004) 1370
- Munakata, K., see Okabe, H. 329–333 (2004) 1309
- Munakata, K., see Oyaidzu, M. 329–333 (2004) 1313
- Munshi, N.A., see Bittner-Rohrhofer, K. 329–333 (2004) 1083
- Murakawa, H., see Serizawa, H. 329–333 (2004) 492
- Murase, Y., J. Nagakawa, K. Chuto and N. Yamamoto, In-beam fatigue behavior of F82H steel at 500 °C 329–333 (2004) 1066
- Murase, Y., see Chuto, T. 329–333 (2004) 416
- Murase, Y., see Ueno, K. 329–333 (2004) 602
- Murase, Y., see Yamamoto, N. 329–333 (2004) 993
- Muraviev, E.V., see Pinaev, S.S. 329–333 (2004) 1419
- Muroga, T., see Chen, J.M. 329–333 (2004) 401
- Muroga, T., see Fukumoto, K. 329–333 (2004) 472
- Muroga, T., see Hatakeyama, M. 329–333 (2004) 420
- Muroga, T., see Hino, T. 329–333 (2004) 673
- Muroga, T., see Koch, F. 329–333 (2004) 1403
- Muroga, T., see Kondo, H. 329–333 (2004) 208
- Muroga, T., see Kurtz, R.J. 329–333 (2004) 47
- Muroga, T., see Nagasaka, T. 329–333 (2004) 1539
- Muroga, T., see Nakamura, H. 329–333 (2004) 202
- Muroga, T., see Nishimura, A. 329–333 (2004) 438
- Muroga, T., see Pint, B.A. 329–333 (2004) 119
- Muroga, T., see Sato, S. 329–333 (2004) 1648
- Muroga, T., see Sawada, A. 329–333 (2004) 1411
- Muroga, T., see Tanaka, T. 329–333 (2004) 1434
- Muroga, T., see Wang, Y. 329–333 (2004) 477
- Muroga, T., see Watanabe, H. 329–333 (2004) 425
- Muroga, T., see Xu, Q. 329–333 (2004) 1558
- Muroga, T., see Yamauchi, Y. 329–333 (2004) 397
- Muroga, T., see Yao, Z. 329–333 (2004) 1414
- Muruganath, M., see de Carlan, Y. 329–333 (2004) 238
- Nagai, T., see Ochiai, S. 329–333 (2004) 1585
- Nagakawa, J. and K. Ueno, Calculation of radiation-induced deformation of SUS 316 in the ITER-relevant condition 329–333 (2004) 597
- Nagakawa, J., see Chuto, T. 329–333 (2004) 416
- Nagakawa, J., see Murase, Y. 329–333 (2004) 1066
- Nagakawa, J., see Ueno, K. 329–333 (2004) 602
- Nagakawa, J., see Yamamoto, N. 329–333 (2004) 993
- Nagasaka, T., N.-J. Heo, T. Muroga, A. Nishimura, H. Watanabe, M. Narui and K. Shinozaki, Impact properties of NIFS-HEAT-2 (V-4Cr-4Ti) after YAG laser welding and neutron irradiation at 563 K 329–333 (2004) 1539
- Nagasaka, T., see Chen, J.M. 329–333 (2004) 401
- Nagasaka, T., see Nishimura, A. 329–333 (2004) 438
- Nagasaka, T., see Wang, Y. 329–333 (2004) 477
- Nagashima, Y., see Tsuzuki, K. 329–333 (2004) 721
- Nagata, S., S. Yamamoto, K. Toh, B. Tsuchiya, N. Ohtsu, T. Shikama and H. Naramoto, Luminescence in SiO₂ induced by MeV energy proton irradiation 329–333 (2004) 1507
- Nagata, S., see Adachi, T. 329–333 (2004) 1499
- Nagata, S., see Okamoto, K. 329–333 (2004) 1503
- Nagata, S., see Toh, K. 329–333 (2004) 1495
- Nagata, S., see Tsuchiya, B. 329–333 (2004) 1511
- Nagatsu, M., see Sugie, T. 329–333 (2004) 1481

- Nahm, S.H., see Bae, D.S. 329–333 (2004) 1038
- Naito, A., see Ioka, I. 329–333 (2004) 1142
- Nakagawa, S., M. Matsuyama, H. Kodama, Y. Oya, K. Okuno, A. Sagara, N. Noda and K. Watanabe, Behavior of tritium release from thin boron films deposited on SS316 329–333 (2004) 904
- Nakagawa, S., see Matsuyama, M. 329–333 (2004) 752
- Nakagiri, T., see Hoshiya, T. 329–333 (2004) 1043
- Nakahira, M., see Ioki, K. 329–333 (2004) 31
- Nakahira, M., see Takatsu, H. 329–333 (2004) 178
- Nakai, K., see Kobayashi, S. 329–333 (2004) 447
- Nakai, K., see Oda, S. 329–333 (2004) 462
- Nakajima, H., see Kudo, Y. 329–333 (2004) 634
- Nakajima, H., see Takatsu, H. 329–333 (2004) 178
- Nakamichi, I., see Ono, K. 329–333 (2004) 933
- Nakamichi, M., see Tsuchiya, K. 329–333 (2004) 1248
- Nakamichi, M., see Uchida, M. 329–333 (2004) 1342
- Nakamichi, M., see Yamada, H. 329–333 (2004) 885
- Nakamura, H. and M. Nishi, Experimental evaluation of tritium permeation through stainless steel tubes of heat exchanger from primary to secondary water in ITER 329–333 (2004) 183
- Nakamura, H., B. Riccardi, N. Loginov, K. Ara, L. Burgazzi, S. Cevolani, G. Dell'Orco, C. Fazio, D. Giusti, H. Horiike, M. Ida, H. Ise, H. Kakui, H. Matsui, G. Micciche, T. Muroga, H. Nakamura, K. Shimizu, M. Sugimoto, A. Suzuki, H. Takeuchi, S. Tanaka and T. Yoneoka, Present status of the liquid lithium target facility in the international fusion materials irradiation facility (IF-MIF) 329–333 (2004) 202
- Nakamura, H., see Nakamura, H. 329–333 (2004) 202
- Nakamura, H., see Kondo, H. 329–333 (2004) 208
- Nakamura, H., see Kondo, H. 329–333 (2004) 208
- Nakamura, K., see Hino, T. 329–333 (2004) 673
- Nakamura, M., see Ochiai, S. 329–333 (2004) 1585
- Nakamura, N., see Fukada, S. 329–333 (2004) 1365
- Nakano, J., Y. Miwa, T. Kohya and T. Tsukada, Effects of silicon, carbon and molybdenum additions on IASCC of neutron irradiated austenitic stainless steels 329–333 (2004) 643
- Nakazawa, T., see Yamaki, D. 329–333 (2004) 1279
- Nanjo, Y., see Ioka, I. 329–333 (2004) 1142
- Nannetti, C.A., see Riccardi, B. 329–333 (2004) 562
- Nanstad, R.K., see Mansur, L.K. 329–333 (2004) 166
- Naoe, T., see Ioka, I. 329–333 (2004) 1142
- Naramoto, H., see Nagata, S. 329–333 (2004) 1507
- Narisato, Y., K. Munakata, A. Koga, Y. Yokoyama, T. Takata and H. Okabe, Enhancement of isotope exchange reactions over ceramic breeder material by deposition of catalyst metal 329–333 (2004) 1370
- Narisato, Y., see Okabe, H. 329–333 (2004) 1309
- Narita, T., see Kaito, T. 329–333 (2004) 1388
- Narita, T., see Ohtsuka, S. 329–333 (2004) 372
- Narita, T., see Ukai, S. 329–333 (2004) 356
- Narui, M., see Kurishita, H. 329–333 (2004) 1107
- Narui, M., see Nagasaka, T. 329–333 (2004) 1539
- Narui, M., see Tsuchiya, B. 329–333 (2004) 1511
- Neklyudov, I.M., see Borodin, O.V. 329–333 (2004) 630
- Neu, R., see Bolt, H. 329–333 (2004) 66
- Neu, R., see Greuner, H. 329–333 (2004) 849
- Neustroev, V.S., Z.E. Ostrovsky and V.K. Shamardin, Experimental investigation of stress effect on swelling and microstructure of Fe–16Cr–15Ni–3Mo–Nb austenitic stainless steel under low-temperature irradiation up to high damage dose in the BOR-60 reactor 329–333 (2004) 612
- Nihei, Y., Y. Hiraoka, Y. Kagaya, Y. Kohno, K. Shibata and H. Ohtsuka, Effect of pre-strain and reheating on isothermal α' martensite formation in Fe–25.5Ni–4Cr austenitic steel 329–333 (2004) 648
- Nikolin, I., see Brichard, B. 329–333 (2004) 1456
- Nishi, H., Elastic–plastic FEM analysis on low cycle fatigue behavior for alumina dispersion-strengthened copper/stainless steel joint 329–333 (2004) 1567
- Nishi, M., see Nakamura, H. 329–333 (2004) 183
- Nishijima, D., M.Y. Ye, N. Ohno and S. Takamura, Formation mechanism of bubbles and holes on tungsten surface with low-energy and high-flux helium plasma irradiation in NAG-DIS-II 329–333 (2004) 1029
- Nishikawa, M., see Beloglazov, S. 329–333 (2004) 1274
- Nishikawa, M., see Fukada, S. 329–333 (2004) 1365
- Nishikawa, M., see Funabiki, T. 329–333 (2004) 780
- Nishikawa, M., see Kawakami, R. 329–333 (2004) 737
- Nishikawa, M., see Miya, N. 329–333 (2004) 74
- Nishikawa, M., see Oyaidzu, M. 329–333 (2004) 1313
- Nishikawa, M., see Shimada, T. 329–333 (2004) 747
- Nishikawa, M., see Ueda, Y. 329–333 (2004) 771
- Nishimura, A., A. Iwahori, N.J. Heo, T. Nagasaka, T. Muroga and S.-I. Tanaka, Effect of precipitation and solution behavior of impurities on mechanical properties of low activation vanadium alloy 329–333 (2004) 438
- Nishimura, A., see Hishinuma, Y. 329–333 (2004) 1580
- Nishimura, A., see Nagasaka, T. 329–333 (2004) 1539
- Nishimura, H., see Anderl, R.A. 329–333 (2004) 1327
- Nishino, Y., see Saito, S. 329–333 (2004) 1093
- Nishio, S., see Tobita, K. 329–333 (2004) 1610
- Nishitani, N., see Adachi, T. 329–333 (2004) 1499
- Nishitani, T., G. Vayakis, M. Yamauchi, T. Sugie, T. Kondoh, T. Shikama, E. Ishitsuka and H. Kawashima, Radiation-induced thermoelectric sensitivity in the mineral-insulated cable of magnetic diagnostic coils for ITER 329–333 (2004) 1461
- Nishitani, T., see Brichard, B. 329–333 (2004) 1456

- Nishitani, T., see Morioka, A. 329–333 (2004) 1619
 Nishitani, T., see Ochiai, K. 329–333 (2004) 836
 Nishitani, T., see Sato, S. 329–333 (2004) 1648
 Nishitani, T., see Sugie, T. 329–333 (2004) 1481
 Nishitani, T., see Takatsu, H. 329–333 (2004) 178
 Nishitani, T., see Tanaka, T. 329–333 (2004) 1434
 Nishitani, T., see Toh, K. 329–333 (2004) 1495
 Nishitani, T., see Verzilov, Y. 329–333 (2004) 1337
 Nishizawa, K., see Sugiyama, K. 329–333 (2004) 874
 Nita, N., R. Schaeublin and M. Victoria, Impact of irradiation on the microstructure of nanocrystalline materials 329–333 (2004) 953
 Nobuta, Y., Y. Yamauchi, Y. Hirohata, T. Hino, A. Sagara, S. Masuzaki, N. Ashikawa, N. Noda, O. Motojima and LHD Experimental Group, Material probe study for plasma facing wall of LHD 329–333 (2004) 800
 Noda, N., see Kodama, H. 329–333 (2004) 889
 Noda, N., see Liu, X. 329–333 (2004) 687
 Noda, N., see Nakagawa, S. 329–333 (2004) 904
 Noda, N., see Nobuta, Y. 329–333 (2004) 800
 Noda, N., see Ohya, K. 329–333 (2004) 732
 Noda, N., see Oya, Y. 329–333 (2004) 870
 Noda, N., see Tamura, S. 329–333 (2004) 711
 Noda, T., T. Takeuchi and M. Fujita, Induced activity of several candidate superconductor materials in a tokamak-type fusion reactor 329–333 (2004) 1590
 Noda, T., see Araki, H. 329–333 (2004) 567
 Noda, T., see Yang, W. 329–333 (2004) 539
 Nogami, S., A. Hasegawa, L.L. Snead, R.H. Jones and K. Abe, Effect of He pre-implantation and neutron irradiation on mechanical properties of SiC/SiC composite 329–333 (2004) 577
 Nogami, S., see Hasegawa, A. 329–333 (2004) 582
 Norajitra, P., L.V. Boccaccini, E. Diegele, V. Filatov, A. Gervash, R. Giniyatulin, S. Gordeev, V. Heinzl, G. Janeschitz, J. Konys, W. Krauss, R. Kruessmann, S. Malang, I. Mazul, A. Moeslang, C. Petersen, G. Remann, M. Rieth, G. Rizzi, M. Rumyantsev, R. Ruprecht and V. Slobodtchouk, Development of a helium-cooled divertor concept: design-related requirements on materials and fabrication technology 329–333 (2004) 1594
 Noronha, S.J., J. Huang and N.M. Ghoniem, Multiscale modeling of the brittle to ductile transition 329–333 (2004) 1180
 Nozawa, T., T. Hinoki, L.L. Snead, Y. Katoh and A. Kohyama, Neutron irradiation effects on high-crystallinity and near-stoichiometry SiC fibers and their composites 329–333 (2004) 544
 Nozawa, T., see Katoh, Y. 329–333 (2004) 587
 Nozawa, T., see Sha, J.J. 329–333 (2004) 592
 Nozawa, T., see Taguchi, T. 329–333 (2004) 572
 Obata, K., see Kuramoto, E. 329–333 (2004) 1223
 Ochiai, K., T. Hayashi, C. Kutsukake, Y. Gotoh, K. Masaki, T. Arai, N. Miya and T. Nishitani, Measurement of deuterium and tritium retentions on the surface of JT-60 divertor tiles by means of nuclear reaction analysis 329–333 (2004) 836
 Ochiai, K., see Morioka, A. 329–333 (2004) 1619
 Ochiai, K., see Sato, S. 329–333 (2004) 1648
 Ochiai, K., see Verzilov, Y. 329–333 (2004) 1337
 Ochiai, S., N. Miyazaki, D. Doko, T. Nagai, M. Nakamura, H. Okuda, S.S. Oh, M. Hojo, M. Tanaka and K. Osamura, Damage evolution under bending and tensile stress and its influence on critical current of Bi2223/Ag superconducting composite tape 329–333 (2004) 1585
 Oda, S., H. Kurishita, Y. Tsuruoka, S. Kobayashi, K. Nakai and H. Matsui, High temperature strength of fine-grained, particle-dispersed V-(1.7–2.4)wt%Y alloys with different grain sizes and particle densities 329–333 (2004) 462
 Oda, T., Y. Oya and S. Tanaka, Observation of multiple O–D vibration peaks in Li₂O using FT-IR 329–333 (2004) 1256
 Oda, T., see Tanaka, S. 329–333 (2004) 1270
 Oda, Y., see Onozuka, M. 329–333 (2004) 1553
 Odette, G.R., see Kurtz, R.J. 329–333 (2004) 47
 Odette, G.R., T. Yamamoto, H. Kishimoto, M. Sokolov, P. Spätig, W.J. Yang, J.-W. Rensman and G.E. Lucas, A master curve analysis of F82H using statistical and constraint loss size adjustments of small specimen data 329–333 (2004) 1243
 Odette, G.R., see Alinger, M.J. 329–333 (2004) 382
 Odette, G.R., see Bonadé, R. 329–333 (2004) 278
 Odette, G.R., see Jitsukawa, S. 329–333 (2004) 39
 Odette, G.R., see Kishimoto, H. 329–333 (2004) 369
 Odette, G.R., see Wirth, B.D. 329–333 (2004) 103
 Ogawa, H., Y. Yamauchi, K. Tsuzuki, H. Kawashima, M. Sato, K. Shinohara, K. Kamiya, S. Kasai, Y. Kusama, K. Yamaguchi, Y. Hirohata, M. Hashiba and T. Hino, Impurity release and deuterium retention properties of a ferritic steel wall in JFT-2M 329–333 (2004) 678
 Ogawa, H., see Tsuzuki, K. 329–333 (2004) 721
 Oh, S.S., see Ochiai, S. 329–333 (2004) 1585
 Ohgo, T., see Ohya, K. 329–333 (2004) 732
 Ohkubo, Y., see Okazawa, H. 329–333 (2004) 967
 Ohmori, J., see Ioki, K. 329–333 (2004) 31
 Ohno, N., see Nishijima, D. 329–333 (2004) 1029
 Ohnuki, S., T. Yasuda, T. Suda, S. Watanabe and B.M. Oliver, Effect of alloying elements and neutron-irradiation on hydrogen behavior in V alloys 329–333 (2004) 481

- Ohnuki, S., see Ando, M. 329–333 (2004) 1137
 Ohnuki, S., see Sakuma, D. 329–333 (2004) 392
 Ohnuki, S., see Tanaka, T. 329–333 (2004) 294
 Ohnuki, S., see Wang, Y. 329–333 (2004) 477
 Ohnuki, S., see Yamashita, S. 329–333 (2004) 377
 Ohsawa, K., see Kuramoto, E. 329–333 (2004) 1223
 Ohtsu, N., see Adachi, T. 329–333 (2004) 1499
 Ohtsu, N., see Nagata, S. 329–333 (2004) 1507
 Ohtsuka, H., see Nihei, Y. 329–333 (2004) 648
 Ohtsuka, S., S. Ukai, M. Fujiwara, T. Kaito and T. Narita, Improvement of 9Cr-ODS martensitic steel properties by controlling excess oxygen and titanium contents 329–333 (2004) 372
 Ohtsuka, S., see Yoshitake, T. 329–333 (2004) 342
 Ohya, K., T. Tanabe, M. Rubel, M. Wada, T. Ohgo, T. Hirai, V. Philipps, A. Kirschner, A. Pospieszczyk, A. Huber, G. Sergienko, S. Brezinek and N. Noda, Modeling of erosion and deposition patterns on C–W and W–Ta twin limiters exposed to the TEXTOR edge plasmas 329–333 (2004) 732
 Oishi, T., see Hagiwara, M. 329–333 (2004) 218
 Oka, K., see Ando, M. 329–333 (2004) 1137
 Oka, K., see Sakuma, D. 329–333 (2004) 392
 Oka, K., see Tanaka, T. 329–333 (2004) 294
 Okabe, H., K. Munakata, Y. Yokoyama, A. Koga, Y. Narisato, R.-D. Penzhorn and K. Okuno, Modeling of tritium release from ceramic breeder materials by focusing on transport process in breeder grain 329–333 (2004) 1309
 Okabe, H., see Narisato, Y. 329–333 (2004) 1370
 Okada, M., see Oyaidzu, M. 329–333 (2004) 1313
 Okamoto, K., K. Toh, S. Nagata, B. Tsuchiya, T. Suzuki, N. Shamoto and T. Shikama, Temperature dependence of radiation induced optical transmission loss in fused silica core optical fibers 329–333 (2004) 1503
 Okamoto, K., see Toh, K. 329–333 (2004) 1495
 Okazawa, H., T. Yoshiie, T. Ishizai, K. Sato, Q. Xu, Y. Satoh, Y. Ohkubo and Y. Kawase, Detection of interstitial clusters in neutron irradiated Ni–Hf alloy by perturbed angular correlation and positron annihilation lifetime measurements 329–333 (2004) 967
 Okita, T., W.G. Wolfer, F.A. Garner and N. Sekimura, Influence of boron on void swelling in model austenitic steels 329–333 (2004) 1013
 Okita, T., see Garner, F.A. 329–333 (2004) 1008
 Okubo, N., see Kishimoto, N. 329–333 (2004) 1048
 Okuda, H., see Ochiai, S. 329–333 (2004) 1585
 Okumiya, M., see Tamura, S. 329–333 (2004) 711
 Okuno, K., A. Shikov and N. Koizumi, Superconducting magnet system in a fusion reactor 329–333 (2004) 141
 Okuno, K., see Hirohata, Y. 329–333 (2004) 785
 Okuno, K., see Kodama, H. 329–333 (2004) 889
 Okuno, K., see Kudo, Y. 329–333 (2004) 634
 Okuno, K., see Miya, N. 329–333 (2004) 74
 Okuno, K., see Morimoto, Y. 329–333 (2004) 894
 Okuno, K., see Nakagawa, S. 329–333 (2004) 904
 Okuno, K., see Okabe, H. 329–333 (2004) 1309
 Okuno, K., see Oya, Y. 329–333 (2004) 870
 Okuno, K., see Oyaidzu, M. 329–333 (2004) 1313
 Okuno, K., see Sasaki, M. 329–333 (2004) 899
 Okuno, K., see Smolik, G. 329–333 (2004) 1322
 Oliver, B.M., R.A. Causey and S.A. Maloy, Deuterium retention and release from highly irradiated annealed tungsten after exposure to a deuterium DC glow discharge 329–333 (2004) 977
 Oliver, B.M., see Katsura, R. 329–333 (2004) 668
 Oliver, B.M., see Ohnuki, S. 329–333 (2004) 481
 Olson, C.L., see Renk, T.J. 329–333 (2004) 726
 Olsson, P., see Malerba, L. 329–333 (2004) 1156
 Olsson, P., see Wallenius, J. 329–333 (2004) 1175
 Ono, H., R. Kasada and A. Kimura, Specimen size effects on fracture toughness of JLF-1 reduced-activation ferritic steel 329–333 (2004) 1117
 Ono, K., K. Arakawa, H. Shibasaki, H. Kurata, I. Nakamichi and N. Yoshida, Release of helium from irradiation damage in Fe–9Cr ferritic alloy 329–333 (2004) 933
 Ono, K., see Arakawa, K. 329–333 (2004) 1194
 Onose, S., see Yano, T. 329–333 (2004) 1471
 Onozuka, M., S. Hirai, K. Kikuchi, Y. Oda and K. Shimizu, Manufacturing study of Be, W and CFC bonded structures for plasma-facing components 329–333 (2004) 1553
 Onozuka, M., see Ioki, K. 329–333 (2004) 31
 Ooms, H., see Brichard, B. 329–333 (2004) 1456
 Orlinskij, D.V., see Voitsenya, V.S. 329–333 (2004) 1476
 Osamura, K., see Ochiai, S. 329–333 (2004) 1585
 Osetsky, Yu.N., R.E. Stoller and Y. Matsukawa, Dislocation–stacking fault tetrahedron interaction: what can we learn from atomic-scale modelling 329–333 (2004) 1228
 Osetsky, Yu.N., see Bacon, D.J. 329–333 (2004) 1233
 Ostrovsky, Z.E., see Neustroev, V.S. 329–333 (2004) 612
 Ouchi, A., see Tsukada, T. 329–333 (2004) 657
 Oya, Y., H. Kodama, M. Oyaidzu, Y. Morimoto, M. Matsuyama, A. Sagara, N. Noda and K. Okuno, Implanted hydrogen isotope retention and chemical behavior in boron thin films for wall conditioning 329–333 (2004) 870
 Oya, Y., see Hirohata, Y. 329–333 (2004) 785
 Oya, Y., see Kodama, H. 329–333 (2004) 889
 Oya, Y., see Miya, N. 329–333 (2004) 74
 Oya, Y., see Morimoto, Y. 329–333 (2004) 894
 Oya, Y., see Nakagawa, S. 329–333 (2004) 904
 Oya, Y., see Oda, T. 329–333 (2004) 1256
 Oya, Y., see Tanaka, S. 329–333 (2004) 1270

- Oyaïdzu, M., Y. Morimoto, H. Kodama, M. Sasaki, H. Kimura, K. Munakata, M. Okada, K. Kawamoto, H. Moriyama, M. Nishikawa and K. Okuno, Correlation between annihilation of radiation defects and tritium release in Li_2TiO_3 329–333 (2004) 1313
- Oyaïdzu, M., see Kodama, H. 329–333 (2004) 889
- Oyaïdzu, M., see Oya, Y. 329–333 (2004) 870
- Pan, X., X. Wu, M. Li and J.F. Stubbins, Modeling tensile response and flow localization effects in selected copper alloys 329–333 (2004) 1088
- Park, J.S., Y. Katoh, A. Kohyama, J.K. Lee, J.J. Sha and H.K. Yoon, Tailoring the microstructure of hot-pressed SiC by heat treatment 329–333 (2004) 558
- Park, J.S., see Lee, S.P. 329–333 (2004) 534
- Park, J.S., see Sha, J.J. 329–333 (2004) 592
- Park, J.Y., see Kang, S.M. 329–333 (2004) 530
- Park, K.H., see Son, S.J. 329–333 (2004) 1549
- Park, W.J., see Kim, S.W. 329–333 (2004) 248
- Parkhomenko, A.A., see Borodin, O.V. 329–333 (2004) 630
- Parmentier, P., see Ukai, S. 329–333 (2004) 356
- Paúl, A., see Alves, L.C. 329–333 (2004) 1295
- Pawelko, R., see Smolik, G. 329–333 (2004) 1322
- Pawelko, R.J., see Anderl, R.A. 329–333 (2004) 1327
- Peacock, A.T., V. Barabash, W. Dänner, M. Rödiger, P. Lorenzetto, P. Marmy, M. Merola, B.N. Singh, S. Tähtinen, J. van der Laan and C.H. Wu, Overview of recent European materials R&D activities related to ITER 329–333 (2004) 173
- Pechenkin, V.A., see Kalinin, G.M. 329–333 (2004) 1615
- Pechenkin, V.A., see Stepanov, I.A. 329–333 (2004) 1214
- Penzhorn, R.-D., see Okabe, H. 329–333 (2004) 1309
- Penzhorn, R.-D., see Torikai, Y. 329–333 (2004) 1624
- Perlado, J.M., see Mota, F. 329–333 (2004) 1190
- Perlado, J.M., see Salvador, M. 329–333 (2004) 1219
- Pestchanyi, S., V. Safronov and I. Landman, Estimation of carbon fibre composites as ITER divertor armour 329–333 (2004) 697
- Petersen, C., see Armas, A.F. 329–333 (2004) 252
- Petersen, C., see Jitsukawa, S. 329–333 (2004) 39
- Petersen, C., see Norajitra, P. 329–333 (2004) 1594
- Petersen, C., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Peterson, R.R., see Renk, T.J. 329–333 (2004) 726
- Petrisor, T., see Riccardi, B. 329–333 (2004) 562
- Petrizzi, L., see Batistoni, P. 329–333 (2004) 683
- Petti, D., see Smolik, G. 329–333 (2004) 1322
- Petti, D.A., see Anderl, R.A. 329–333 (2004) 1327
- Philipps, V., see Ohya, K. 329–333 (2004) 732
- Philipps, V., see Rubel, M.J. 329–333 (2004) 795
- Philipps, V., see Sugiyama, K. 329–333 (2004) 874
- Piazza, G., A. Erbe, R. Rolli and O. Romer, Post-irradiation examinations of Li_4SiO_4 pebbles irradiated in the EXOTIC-8 experiment 329–333 (2004) 1260
- Pillon, M., see Batistoni, P. 329–333 (2004) 683
- Pilloni, L., see Filacchioni, G. 329–333 (2004) 263
- Pilloni, L., see Riccardi, B. 329–333 (2004) 562
- Pilz, W., see Bekris, N. 329–333 (2004) 814
- Pinaev, S.S., E.V. Muraviev, A.V. Beznosov and A.A. Molodsov, Optimization of insulating coating formation technology on the structural materials for heavy liquid metal coolants 329–333 (2004) 1419
- Pint, B.A., P.F. Tortorelli, A. Jankowski, J. Hayes, T. Muroga, A. Suzuki, O.I. Yeliseyeva and V.M. Chernov, Recent progress in the development of electrically insulating coatings for a liquid lithium blanket 329–333 (2004) 119
- Pinzhin, Yu.P., see Tyumentsev, A.N. 329–333 (2004) 429
- Pippel, E., see Brendel, A. 329–333 (2004) 804
- Pippel, E., see Riccardi, B. 329–333 (2004) 562
- Pitzer, D., see Roedig, M. 329–333 (2004) 766
- Plaksin, O.A., N. Kishimoto and T. Shikama, Non-linear optical properties of silica-glass-core-fiber waveguides under intense pulsed reactor irradiation 329–333 (2004) 1490
- Plaksin, O.A., see Kishimoto, N. 329–333 (2004) 1048
- Poitevin, Y., see Boccaccini, L.V. 329–333 (2004) 148
- Poitevin, Y., see Cardella, A. 329–333 (2004) 133
- Pontikis, V., see Wallenius, J. 329–333 (2004) 1175
- Poon, M., see Balden, M. 329–333 (2004) 1515
- Popescu, C., see Brendel, A. 329–333 (2004) 804
- Porollo, S.I., A.M. Dvoriashin, Yu.V. Konobeev and F.A. Garner, Microstructure and mechanical properties of ferritic/martensitic steel EP-823 after neutron irradiation to high doses in BOR-60 329–333 (2004) 314
- Porollo, S.I., see Budylnkin, N.I. 329–333 (2004) 621
- Porollo, S.I., see Dvoriashin, A.M. 329–333 (2004) 319
- Portnykh, I.A., see Balachov, I.I. 329–333 (2004) 617
- Pospieszczyk, A., see Ohya, K. 329–333 (2004) 732
- Potapenko, M.M., see Tyumentsev, A.N. 329–333 (2004) 429
- Potapenko, M.M., see Yeliseyeva, O.I. 329–333 (2004) 1424
- Pramono, Y. and T. Yano, Helium release and diffusion mechanism in SiC containing B_4C 329–333 (2004) 1170
- Preininger, D., Effect of particle morphology and microstructure on strength, work-hardening and ductility behaviour of ODS-(7–13)Cr steels 329–333 (2004) 362
- Qiu, S.Y., see Chen, J.M. 329–333 (2004) 401
- Rabaglino, E., see Cardella, A. 329–333 (2004) 133
- Rathke, J., see Jameson, R.A. 329–333 (2004) 193
- Rehn, L.E., see Sakuma, D. 329–333 (2004) 392
- Reimann, G., see Norajitra, P. 329–333 (2004) 1594

- Renk, T.J., T.J. Tanaka, C.L. Olson, R.R. Peterson and T.R. Knowles, Laser inertial fusion dry-wall materials response to pulsed ions at power-plant level fluences 329–333 (2004) 726
- Renner, H., see Greuner, H. 329–333 (2004) 849
- Rensman, J., E. Lucon, J. Boskeljon, J. van Hoepen, R. den Boef and P. ten Pierick, Irradiation resistance of Eurofer97 at 300 °C up to 10 dpa 329–333 (2004) 1113
- Rensman, J.W., see Jitsukawa, S. 329–333 (2004) 39
- Rensman, J.-W., see Odette, G.R. 329–333 (2004) 1243
- Rensman, J.-W., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Riccapito, I., see Ciampichetti, A. 329–333 (2004) 1332
- Riccardi, B., C.A. Nannetti, T. Petrisor, J. Woltersdorf, E. Pippel, S. Libera and L. Pilloni, Issues of low activation brazing of SiC_f/SiC composites by using alloys without free silicon 329–333 (2004) 562
- Riccardi, B., L. Giancarli, A. Hasegawa, Y. Katoh, A. Kohyama, R.H. Jones and L.L. Snead, Issues and advances in SiC_f/SiC composites development for fusion reactors 329–333 (2004) 56
- Riccardi, B., see Montanari, R. 329–333 (2004) 1529
- Riccardi, B., see Nakamura, H. 329–333 (2004) 202
- Riegert-Escribano, M., see Greuner, H. 329–333 (2004) 849
- Rieth, M., see Norajitra, P. 329–333 (2004) 1594
- Rigal, E., see Cardella, A. 329–333 (2004) 133
- Rigal, E., see Roedig, M. 329–333 (2004) 766
- Rizzi, G., see Norajitra, P. 329–333 (2004) 1594
- Rodchenkov, B., see Bulanova, T. 329–333 (2004) 639
- Rodchenkov, B.S., V.M. Ivanov, G.M. Kalinin, A.V. Kozlov, Yu.S. Strebkov and E.N. Scherbakov, Neutron irradiation effects on properties of insulator coatings for ITER in-vessel components 329–333 (2004) 1486
- Rodchenkov, B.S., see Kalinin, G.M. 329–333 (2004) 1615
- Rödiger, M., see Koza, Y. 329–333 (2004) 706
- Rödiger, M., see Peacock, A.T. 329–333 (2004) 173
- Roedig, M., W. Kuehnlein, J. Linke, D. Pitzer, M. Merola, E. Rigal, B. Schedler and E. Visca, Post irradiation testing of samples from the irradiation experiments PARIDE 3 and PARIDE 4 329–333 (2004) 766
- Rohde, M., see Kalin, B.A. 329–333 (2004) 1544
- Rolli, R., see Piazza, G. 329–333 (2004) 1260
- Romanov, P.V., see Bartenev, S.A. 329–333 (2004) 406
- Romanovskij, V.N., see Bartenev, S.A. 329–333 (2004) 406
- Romer, O., see Piazza, G. 329–333 (2004) 1260
- Roth, J., see Greuner, H. 329–333 (2004) 849
- Rowcliffe, A.F., see Mansur, L.K. 329–333 (2004) 166
- Rozov, V., see Ioki, K. 329–333 (2004) 31
- Rubel, M., see Ohya, K. 329–333 (2004) 732
- Rubel, M., see Sugiyama, K. 329–333 (2004) 874
- Rubel, M.J., J.P. Coad, K. Stenström, P. Wienhold, J. Likonen, G.F. Matthews and V. Philipps, Overview of tracer techniques in studies of material erosion, re-deposition and fuel inventory in tokamaks 329–333 (2004) 795
- Rudzitis, J., see Kizane, G. 329–333 (2004) 1287
- Rumyantsev, M., see Norajitra, P. 329–333 (2004) 1594
- Ruprecht, R., see Norajitra, P. 329–333 (2004) 1594
- Russell, K.F., see Miller, M.K. 329–333 (2004) 338
- Ryazanov, A.I., A.V. Klaptsov, A. Kohyama, Y. Katoh and H. Kishimoto, Effect of helium on dislocation loop formation and radiation swelling in SiC 329–333 (2004) 486
- Ryazanov, A.I., A.V. Klaptsov, C. Kinoshita and K. Yasuda, Determination of effective charge states for point radiation defects in fusion ceramic materials 329–333 (2004) 97
- Ryu, W.S., see Kang, S.M. 329–333 (2004) 530
- Ryu, W.S., see Kim, S.H. 329–333 (2004) 299
- Ryzhkov, I.V., see Balden, M. 329–333 (2004) 1515
- Ryzhkov, I.V., see Voitsenya, V.S. 329–333 (2004) 1476
- Sadamoto, Y., see Tsuzuki, K. 329–333 (2004) 721
- Safronov, V., see Pestchanyi, S. 329–333 (2004) 697
- Sagara, A., see Kodama, H. 329–333 (2004) 889
- Sagara, A., see Nakagawa, S. 329–333 (2004) 904
- Sagara, A., see Nobuta, Y. 329–333 (2004) 800
- Sagara, A., see Oya, Y. 329–333 (2004) 870
- Saito, S., K. Kikuchi, K. Usami, A. Ishikawa, Y. Nishino, M. Kawai and Y. Dai, Bend-fatigue properties of 590 MeV proton irradiated JPCA and 316F SS 329–333 (2004) 1093
- Sakaguchi, N., S. Watanabe, H. Takahashi and R.G. Faulkner, A multi-scale approach to radiation-induced segregation at various grain boundaries 329–333 (2004) 1166
- Sakaguchi, N., see Lu, Z. 329–333 (2004) 1017
- Sakai, K., M. Satou, M. Fujiwara, K. Takanashi, A. Hasegawa and K. Abe, Mechanical properties and microstructures of high-chromium V–Cr–Ti type alloys 329–333 (2004) 457
- Sakamoto, K., see Sasaki, M. 329–333 (2004) 899
- Sakasai, A., see Kudo, Y. 329–333 (2004) 634
- Sakasai, A., see Morioka, A. 329–333 (2004) 1619
- Sakasegawa, H., see Tamura, M. 329–333 (2004) 328
- Sakasegawa, H., see Tanigawa, H. 329–333 (2004) 283
- Sakuma, D., S. Yamashita, K. Oka, S. Ohnuki, L.E. Rehn and E. Wakai, Y₂O₃ nano-particle formation in ODS ferritic steels by Y and O dual ion-implantation 329–333 (2004) 392
- Sakurai, S., see Morioka, A. 329–333 (2004) 1619
- Salvador, M., J.M. Perlado, A. Mattoni, F. Bernardini and L. Colombo, Defect energetics of β-SiC using a new tight-binding molecular dynamics model 329–333 (2004) 1219
- Salvo, M., see Appendino, P. 329–333 (2004) 1563

- Sandberg, N., see Wallenius, J. 329–333 (2004) 1175
- Sasajima, T., see Masaki, K. 329–333 (2004) 845
- Sasaki, M., see Kodama, H. 329–333 (2004) 889
- Sasaki, M., see Oyaidzu, M. 329–333 (2004) 1313
- Sasaki, T., see Takagi, I. 329–333 (2004) 434
- Sato, F., T. Tanaka, T. Kagawa and T. Iida, Impedance measurements of thin film ceramics under ion beam irradiation 329–333 (2004) 1034
- Sato, F., see Kondo, H. 329–333 (2004) 208
- Sato, F., see Tanaka, T. 329–333 (2004) 1434
- Sato, K., T. Yoshiie, T. Ishizaki and Q. Xu, Anisotropic motion of point defects near edge dislocations 329–333 (2004) 929
- Sato, K., see Ezato, K. 329–333 (2004) 820
- Sato, K., see Ioki, K. 329–333 (2004) 31
- Sato, K., see Okazawa, H. 329–333 (2004) 967
- Sato, K., see Takatsu, H. 329–333 (2004) 178
- Sato, K., see Tokunaga, K. 329–333 (2004) 757
- Sato, M., see Katoh, Y. 329–333 (2004) 587
- Sato, M., see Ogawa, H. 329–333 (2004) 678
- Sato, M., see Tsuzuki, K. 329–333 (2004) 721
- Sato, S., T. Tanaka, J. Hori, K. Ochiai, T. Nishitani and T. Muroga, Radioactivity of the vanadium-alloy induced by D–T neutron irradiation 329–333 (2004) 1648
- Sato, S., see Morioka, A. 329–333 (2004) 1619
- Sato, S., see Verzilov, Y. 329–333 (2004) 1337
- Sato, Y., see Kawamura, H. 329–333 (2004) 112
- Satoh, Y., M. Tsukada, H. Matsui and T. Yoshiie, Cascade and subcascade structure in fission neutron irradiated fcc metals and their correlation to fusion neutron irradiation 329–333 (2004) 1185
- Satoh, Y., see Okazawa, H. 329–333 (2004) 967
- Satoh, Y., see Yoshiie, T. 329–333 (2004) 81
- Satou, M., N. Komatsu, T. Sawada and K. Abe, Calculation of electronic structure at bonding interface between vanadium and oxide ceramics for insulator coating applications 329–333 (2004) 1571
- Satou, M., see Fujiwara, M. 329–333 (2004) 452
- Satou, M., see Sakai, K. 329–333 (2004) 457
- Sawada, A., A. Suzuki, T. Terai and T. Muroga, Properties of AlN coatings produced by RF sputtering method 329–333 (2004) 1411
- Sawada, T., see Satou, M. 329–333 (2004) 1571
- Sawai, T., see Ando, M. 329–333 (2004) 1137
- Sawai, T., see Hirose, T. 329–333 (2004) 324
- Sawan, M., see Wong, C.P.C. 329–333 (2004) 1599
- Saze, T., see Sugiyama, K. 329–333 (2004) 874
- Schaeublin, R., see Nita, N. 329–333 (2004) 953
- Schäublin, R., see Spätig, P. 329–333 (2004) 289
- Schäublin, R., see Yao, Z. 329–333 (2004) 1127
- Schedler, B., see Roedig, M. 329–333 (2004) 766
- Scherbakov, E.N., see Rodchenkov, B.S. 329–333 (2004) 1486
- Schirra, M., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Schlosser, J., see Grosman, A. 329–333 (2004) 909
- Schmitt, R., see Armas, A.F. 329–333 (2004) 252
- Schmitt, R., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Schneider, H.C., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Schuetz, S.T., see Anderl, R.A. 329–333 (2004) 1327
- Seidel, K., R. Eichin, R.A. Forrest, H. Freiesleben, S.A. Goncharov, V.D. Kovalchuk, D.V. Markovskij, D.V. Maximov and S. Unholzer, Activation experiment with tungsten in fusion peak neutron field 329–333 (2004) 1629
- Seidel, K., see Eichin, R. 329–333 (2004) 1638
- Seki, M., K. Hirako, S. Kono, Y. Kihara, T. Kaito and S. Ukai, Pressurized resistance welding technology development in 9Cr-ODS martensitic steels 329–333 (2004) 1534
- Sekimura, N., see Garner, F.A. 329–333 (2004) 1008
- Sekimura, N., see Okita, T. 329–333 (2004) 1013
- Sekimura, N., see Shepelyev, O. 329–333 (2004) 1204
- Sekimura, N., see Yang, Y. 329–333 (2004) 1208
- Sengoku, S., see Hino, T. 329–333 (2004) 673
- Senor, D.J., see Youngblood, G.E. 329–333 (2004) 507
- Sergienko, G., see Ohya, K. 329–333 (2004) 732
- Serizawa, H., C.A. Lewinsohn and H. Murakawa, Development of new interface potential for evaluating strength of SiC/SiC composite joint 329–333 (2004) 492
- Sevrjukov, O.N., see Kalin, B.A. 329–333 (2004) 1544
- Sha, J.J., T. Nozawa, J.S. Park, Y. Katoh and A. Kohyama, Effect of heat treatment on the tensile strength and creep resistance of advanced SiC fibers 329–333 (2004) 592
- Sha, J.J., see Park, J.S. 329–333 (2004) 558
- Shamardin, V., see Bulanova, T. 329–333 (2004) 639
- Shamardin, V.K., see Budylnkin, N.I. 329–333 (2004) 621
- Shamardin, V.K., see Neustroev, V.S. 329–333 (2004) 612
- Shamoto, N., see Okamoto, K. 329–333 (2004) 1503
- Shamoto, N., see Toh, K. 329–333 (2004) 1495
- Shapoval, A.N., see Balden, M. 329–333 (2004) 1515
- Shapoval, A.N., see Voitsenya, V.S. 329–333 (2004) 1476
- Sharafat, S., N. Ghoniem and S. Zinkle, Thermodynamic stability of oxide, nitride, and carbide coating materials in liquid Sn–25Li 329–333 (2004) 1429
- Sharafat, S., see Wong, C.P.C. 329–333 (2004) 1599
- Sharpe, J.P., see Anderl, R.A. 329–333 (2004) 1327
- Shcherbakov, E.N., see Balachov, I.I. 329–333 (2004) 617
- Shepelyev, O., N. Sekimura and H. Abe, Diffusion and conversion of interstitial dumbbells in segregated ternary alloys under irradiation 329–333 (2004) 1204
- Shestakov, V., see Kawamura, H. 329–333 (2004) 112
- Shevchenko, N.V., see Tyumentsev, A.N. 329–333 (2004) 429
- Shiba, K., M. Enoeda and S. Jitsukawa, Reduced activation martensitic steels as a structural material for ITER test blanket 329–333 (2004) 243
- Shiba, K., see Hirose, T. 329–333 (2004) 324
- Shiba, K., see Tanigawa, H. 329–333 (2004) 283
- Shiba, K., see Tsukada, T. 329–333 (2004) 657
- Shibasaki, H., see Ono, K. 329–333 (2004) 933

- Shibata, K., see Nihei, Y. 329–333 (2004) 648
- Shibata, T., see Tsuzuki, K. 329–333 (2004) 721
- Shibayama, T., see Bae, D.S. 329–333 (2004) 1038
- Shiyyama, K., A. Shiraishi, M. Kutsuwada, S. Matsumura and C. Kinoshita, Effect of Cr₂O₃ and NiO dopants in α -Al₂O₃ on its electrical conductivity under electron irradiation 329–333 (2004) 1520
- Shikama, M., see Yano, T. 329–333 (2004) 1471
- Shikama, T., see Adachi, T. 329–333 (2004) 1499
- Shikama, T., see Brichard, B. 329–333 (2004) 1456
- Shikama, T., see Decreton, M. 329–333 (2004) 125
- Shikama, T., see Nagata, S. 329–333 (2004) 1507
- Shikama, T., see Nishitani, T. 329–333 (2004) 1461
- Shikama, T., see Okamoto, K. 329–333 (2004) 1503
- Shikama, T., see Plaksin, O.A. 329–333 (2004) 1490
- Shikama, T., see Takatsu, H. 329–333 (2004) 178
- Shikama, T., see Toh, K. 329–333 (2004) 1495
- Shikama, T., see Tsuchiya, B. 329–333 (2004) 1511
- Shikov, A., see Okuno, K. 329–333 (2004) 141
- Shimada, M., S. Matsumura, K. Yasuda, C. Kinoshita, Y. Chimi, N. Ishikawa and A. Iwase, Radiation-induced disordering in magnesium aluminate spinel subjected to ionizing radiation 329–333 (2004) 1446
- Shimada, M., see Yasuda, K. 329–333 (2004) 1451
- Shimada, R., see Tsuzuki, K. 329–333 (2004) 721
- Shimada, T., T. Funabiki, R. Kawakami, Y. Ueda and M. Nishikawa, Carbon behavior on tungsten surface after carbon and hydrogen mixed beam irradiation 329–333 (2004) 747
- Shimada, T., see Funabiki, T. 329–333 (2004) 780
- Shimada, T., see Kawakami, R. 329–333 (2004) 737
- Shimada, T., see Ueda, Y. 329–333 (2004) 771
- Shimizu, A., see Heinzel, V. 329–333 (2004) 223
- Shimizu, A., see Ying, A.Y. 329–333 (2004) 1605
- Shimizu, K., see Nakamura, H. 329–333 (2004) 202
- Shimizu, K., see Onozuka, M. 329–333 (2004) 1553
- Shimomura, Y., The present status and future prospects of the ITER project 329–333 (2004) 5
- Shinohara, K., see Ogawa, H. 329–333 (2004) 678
- Shinohara, K., see Tsuzuki, K. 329–333 (2004) 721
- Shinozaki, K., see Nagasaka, T. 329–333 (2004) 1539
- Shinozuka, K., see Tamura, M. 329–333 (2004) 328
- Shiraishi, A., see Shiyyama, K. 329–333 (2004) 1520
- Shitan', A.F., see Voitsenya, V.S. 329–333 (2004) 1476
- Shu, W., see Takatsu, H. 329–333 (2004) 178
- Shuba, Ya.V., see Tyumentsev, A.N. 329–333 (2004) 429
- Simakov, S., see Heinzel, V. 329–333 (2004) 223
- Simakov, S.P., U. Fischer and U. von Möllendorff, Assessment of the ³H and ⁷Be generation in the IFMIF lithium loop 329–333 (2004) 213
- Simakov, S.P., see Fischer, U. 329–333 (2004) 228
- Simoncini, M., see Dell'Orco, G. 329–333 (2004) 1305
- Simon-Weidner, J., see Greuner, H. 329–333 (2004) 849
- Singh, B.N., see Edwards, D.J. 329–333 (2004) 1072
- Singh, B.N., see Li, M. 329–333 (2004) 865
- Singh, B.N., see Peacock, A.T. 329–333 (2004) 173
- Singheiser, L., see Koza, Y. 329–333 (2004) 706
- Skinner, C.H., see Bekris, N. 329–333 (2004) 814
- Skinner, C.H., see Sugiyama, K. 329–333 (2004) 874
- Skorlupkin, I.D., see Guseva, M.I. 329–333 (2004) 825
- Slatin, K.A., see Balden, M. 329–333 (2004) 1515
- Slobodtchouk, V., see Norajitra, P. 329–333 (2004) 1594
- Smolentsev, S., see Wong, C.P.C. 329–333 (2004) 1599
- Smolik, G., R. Pawelko, Y. Morimoto, K. Okuno, R. Anderl, D. Petti and T. Terai, Mobilization measurements from Flibe under argon and air flow 329–333 (2004) 1322
- Smolik, G.R., see Anderl, R.A. 329–333 (2004) 1327
- Snead, L.L., Limits on irradiation-induced thermal conductivity and electrical resistivity in silicon carbide materials 329–333 (2004) 524
- Snead, L.L., see Barabash, V. 329–333 (2004) 860
- Snead, L.L., see Fukumoto, K. 329–333 (2004) 472
- Snead, L.L., see Nogami, S. 329–333 (2004) 577
- Snead, L.L., see Nozawa, T. 329–333 (2004) 544
- Snead, L.L., see Riccardi, B. 329–333 (2004) 56
- Snead, L.L., see Taguchi, T. 329–333 (2004) 572
- Sokolov, M., see Odette, G.R. 329–333 (2004) 1243
- Sokolov, M.A., see Tanigawa, H. 329–333 (2004) 283
- Solodovchenko, S.I., see Voitsenya, V.S. 329–333 (2004) 1476
- Son, S.J., K.H. Park, Y. Katoh and A. Kohyama, Interfacial reactions and mechanical properties of W–SiC in-situ joints for plasma facing components 329–333 (2004) 1549
- Son, S.J., see Lee, Y. 329–333 (2004) 549
- Song, B.J., see Kim, S.H. 329–333 (2004) 299
- Sourmail, T., see de Carlan, Y. 329–333 (2004) 238
- Spätig, P., R. Schäublin, N. Baluc, J. Kohlbrecher and M. Victoria, SANS investigation of proton-irradiated EUROFER97 329–333 (2004) 289
- Spätig, P., see Bonadé, R. 329–333 (2004) 278
- Spätig, P., see Odette, G.R. 329–333 (2004) 1243
- Spätig, P., see Tavassoli, A.-A.F. 329–333 (2004) 257
- Spřichal, K. and M. Zmitko, Corrosion behaviour of EUROFER in Pb–17Li at 500 °C 329–333 (2004) 1384
- Sporea, D., I. Vata, D. Dudu and A. Danis, Neutron degradation of UV enhanced optical fibers for fusion installation plasma diagnostics 329–333 (2004) 1062
- Sredniawski, J., see Jameson, R.A. 329–333 (2004) 193
- Stenström, K., see Rubel, M.J. 329–333 (2004) 795
- Stepanov, I.A., V.A. Pechenkin and Yu.V. Konobeev, Modeling of radiation-induced segregation at grain boundaries in Fe–Cr–Ni alloys 329–333 (2004) 1214
- Stijkel, M.P., see Casadio, S. 329–333 (2004) 1252
- Stoller, R.E. and S.G. Guiriec, Secondary factors influencing cascade damage formation 329–333 (2004) 1238
- Stoller, R.E., see Mansur, L.K. 329–333 (2004) 166
- Stoller, R.E., see Osetsky, Yu.N. 329–333 (2004) 1228

- Stolyarova, V.G., see Guseva, M.I. 329–333 (2004) 825
 Stolyarova, V.G., see Zimin, A.M. 329–333 (2004) 855
 Strebkov, Yu., see Ioki, K. 329–333 (2004) 31
 Strebkov, Yu.S., see Rodchenkov, B.S. 329–333 (2004) 1486
 Strunnikov, V.M., see Guseva, M.I. 329–333 (2004) 825
 Stubbins, J.F., see Li, M. 329–333 (2004) 865
 Stubbins, J.F., see Pan, X. 329–333 (2004) 1088
 Suda, T., see Ohnuki, S. 329–333 (2004) 481
 Suda, T., see Tanaka, T. 329–333 (2004) 294
 Suda, T., see Wang, Y. 329–333 (2004) 477
 Sugano, R., K. Morishita, A. Kimura, H. Iwakiri and N. Yoshida, Microstructural evolution in Fe and Fe–Cr model alloys after He⁺ ion irradiations 329–333 (2004) 942
 Sugie, T., S. Kasai, M. Taniguchi, M. Nagatsu and T. Nishitani, Irradiation test of Mo- and W-mirrors for ITER by low energy deuterium ions 329–333 (2004) 1481
 Sugie, T., see Nishitani, T. 329–333 (2004) 1461
 Sugihara, T., see Takagi, I. 329–333 (2004) 434
 Sugimoto, M. and H. Takeuchi, Low activation materials applicable to the IFMIF accelerator 329–333 (2004) 198
 Sugimoto, M., see Heinzl, V. 329–333 (2004) 223
 Sugimoto, M., see Jameson, R.A. 329–333 (2004) 193
 Sugimoto, M., see Nakamura, H. 329–333 (2004) 202
 Sugiyama, K., T. Tanabe, K. Miyasaka, K. Masaki, K. Tobita, N. Miya, V. Philipps, M. Rubel, C.H. Skinner, C.A. Gentile, T. Saze and K. Nishizawa, Tritium profile in plasma-facing components following D–D operation 329–333 (2004) 874
 Sugiyama, M., K. Fukumoto and H. Matsui, Dislocation channel formation process in V–Cr–Ti alloys irradiated below 300 °C 329–333 (2004) 467
 Sutton, A.P., see Hudson, T.S. 329–333 (2004) 971
 Suwarno, H., see Kurishita, H. 329–333 (2004) 1107
 Suzuki, A., see Koch, F. 329–333 (2004) 1403
 Suzuki, A., see Nakamura, H. 329–333 (2004) 202
 Suzuki, A., see Pint, B.A. 329–333 (2004) 119
 Suzuki, A., see Sawada, A. 329–333 (2004) 1411
 Suzuki, A., see Tanaka, T. 329–333 (2004) 1434
 Suzuki, A., see Yao, Z. 329–333 (2004) 1414
 Suzuki, H., see Araki, H. 329–333 (2004) 567
 Suzuki, H., see Yang, W. 329–333 (2004) 539
 Suzuki, S., see Bolt, H. 329–333 (2004) 66
 Suzuki, S., see Ezato, K. 329–333 (2004) 820
 Suzuki, S., see Ioki, K. 329–333 (2004) 31
 Suzuki, S., see Takatsu, H. 329–333 (2004) 178
 Suzuki, S., see Tokunaga, K. 329–333 (2004) 757
 Suzuki, T., see Okamoto, K. 329–333 (2004) 1503
 Suzuki, T., see Toh, K. 329–333 (2004) 1495
 Sviatoslavsky, I., see Wong, C.P.C. 329–333 (2004) 1599
 Tachi, Y., see Akiyoshi, M. 329–333 (2004) 1466
 Taguchi, T., T. Nozawa, N. Igawa, Y. Katoh, S. Jitsukawa, A. Kohyama, T. Hinoki and L.L. Snead, Fabrication of advanced SiC fiber/F-CVI SiC matrix composites with SiC/C multi-layer interphase 329–333 (2004) 572
 Taguchi, T., see Hasegawa, A. 329–333 (2004) 582
 Taguchi, T., see Igawa, N. 329–333 (2004) 554
 Taguchi, T., see Wakai, E. 329–333 (2004) 1133
 Taguchi, T., see Yamada, R. 329–333 (2004) 497
 Tähtinen, S., see Peacock, A.T. 329–333 (2004) 173
 Takada, F., see Wakai, E. 329–333 (2004) 1133
 Takagi, I., T. Sugihara, T. Sasaki, K. Moritani and H. Moriyama, Potential energy diagram for hydrogen near vanadium surface 329–333 (2004) 434
 Takagi, I., see Moritani, K. 329–333 (2004) 988
 Takahara, S., see Yoshida, T. 329–333 (2004) 982
 Takahashi, H., see Bae, D.S. 329–333 (2004) 1038
 Takahashi, H., see Kawamura, H. 329–333 (2004) 112
 Takahashi, H., see Lu, Z. 329–333 (2004) 1017
 Takahashi, H., see Sakaguchi, N. 329–333 (2004) 1166
 Takahashi, H., see Yu, G. 329–333 (2004) 1003
 Takahashi, K., see Sasaki, M. 329–333 (2004) 899
 Takahashi, Y., see Hoshino, T. 329–333 (2004) 1300
 Takamura, S., see Nishijima, D. 329–333 (2004) 1029
 Takanashi, K., see Fujiwara, M. 329–333 (2004) 452
 Takanashi, K., see Sakai, K. 329–333 (2004) 457
 Takano, K., see Kudo, Y. 329–333 (2004) 634
 Takata, T., see Narisato, Y. 329–333 (2004) 1370
 Takatsu, H., K. Sato, K. Hamada, M. Nakahira, S. Suzuki, H. Nakajima, T. Kuroda, T. Nishitani, T. Shikama and W. Shu, Overview on materials R&D activities in Japan towards ITER construction and operation 329–333 (2004) 178
 Takaya, S., see Hoshiya, T. 329–333 (2004) 1043
 Takebe, K., see Ishijima, Y. 329–333 (2004) 775
 Takeda, Y., see Kishimoto, N. 329–333 (2004) 1048
 Takeuchi, H., see Ando, M. 329–333 (2004) 1137
 Takeuchi, H., see Nakamura, H. 329–333 (2004) 202
 Takeuchi, H., see Sugimoto, M. 329–333 (2004) 198
 Takeuchi, T., see Hishinuma, Y. 329–333 (2004) 1580
 Takeuchi, T., see Noda, T. 329–333 (2004) 1590
 Takida, T., see Ishijima, Y. 329–333 (2004) 775
 Tamai, H., see Kudo, Y. 329–333 (2004) 634
 Tamai, H., see Morioka, A. 329–333 (2004) 1619
 Tamura, M., H. Sakasegawa, A. Kohyama, H. Esaka and K. Shinozuka, Creep deformation of iron strengthened by MX type particles 329–333 (2004) 328
 Tamura, S., X. Liu, K. Tokunaga, Y. Tsunekawa, M. Okumiya, N. Noda and N. Yoshida, High-temperature properties of joint interface of VPS-tungsten coated CFC 329–333 (2004) 711
 Tamura, S., see Liu, X. 329–333 (2004) 687
 Tamura, S., see Tokunaga, K. 329–333 (2004) 757
 Tanabe, T., see Hirohata, Y. 329–333 (2004) 785
 Tanabe, T., see Masaki, K. 329–333 (2004) 845
 Tanabe, T., see Miya, N. 329–333 (2004) 74
 Tanabe, T., see Morimoto, Y. 329–333 (2004) 894
 Tanabe, T., see Ohya, K. 329–333 (2004) 732
 Tanabe, T., see Sugiyama, K. 329–333 (2004) 874

- Tanabe, T., see Yoshida, T. 329–333 (2004) 982
- Tanaka, K., see Yasuda, K. 329–333 (2004) 1451
- Tanaka, M., see Ochiai, S. 329–333 (2004) 1585
- Tanaka, S., T. Oda and Y. Oya, Hydrogen isotope behavior in Li_2O at low temperature by FT-IR 329–333 (2004) 1270
- Tanaka, S., see Anderl, R.A. 329–333 (2004) 1327
- Tanaka, S., see Chiba, K. 329–333 (2004) 1575
- Tanaka, S., see Hirohata, Y. 329–333 (2004) 785
- Tanaka, S., see Kawamura, H. 329–333 (2004) 112
- Tanaka, S., see Nakamura, H. 329–333 (2004) 202
- Tanaka, S., see Oda, T. 329–333 (2004) 1256
- Tanaka, S., see Tanigawa, H. 329–333 (2004) 1291
- Tanaka, S.-I., see Nishimura, A. 329–333 (2004) 438
- Tanaka, T., A. Suzuki, T. Muroga, F. Sato, T. Iida and T. Nishitani, Radiation induced conductivity of ceramic coating materials under 14 MeV neutron irradiation 329–333 (2004) 1434
- Tanaka, T., K. Oka, S. Ohnuki, S. Yamashita, T. Suda, S. Watanabe and E. Wakai, Synergistic effect of helium and hydrogen for defect evolution under multi-ion irradiation of Fe–Cr ferritic alloys 329–333 (2004) 294
- Tanaka, T., see Sato, F. 329–333 (2004) 1034
- Tanaka, T., see Sato, S. 329–333 (2004) 1648
- Tanaka, T.J., see Renk, T.J. 329–333 (2004) 726
- Tanchuk, V., see Ioki, K. 329–333 (2004) 31
- Tanifuji, T., D. Yamaki and S. Jitsukawa, Tritium release from neutron-irradiated Li_2O sintered pellets: isothermal annealing of tritium traps 329–333 (2004) 1266
- Tanifuji, T., see Yamaki, D. 329–333 (2004) 1279
- Tanigawa, H., N. Hashimoto, H. Sakasegawa, R.L. Klueh, M.A. Sokolov, K. Shiba, S. Jitsukawa and A. Kohyama, Microstructure property analysis of HFIR-irradiated reduced-activation ferritic/martensitic steels 329–333 (2004) 283
- Tanigawa, H., S. Tanaka, M. Enoeda and M. Akiba, FT-IR study on interaction of irradiated deuteron with defects in Li_2O 329–333 (2004) 1291
- Tanigawa, H., see Ando, M. 329–333 (2004) 1137
- Taniguchi, A., see Hasegawa, A. 329–333 (2004) 582
- Taniguchi, M., see Sugie, T. 329–333 (2004) 1481
- Taniguchi, M., see Tokunaga, K. 329–333 (2004) 757
- Taniguchi, M., see Yoshida, H. 329–333 (2004) 790
- Tata, M.E., see Montanari, R. 329–333 (2004) 1529
- Tavassoli, A.A., see Jitsukawa, S. 329–333 (2004) 39
- Tavassoli, A.-A.F., A. Alamo, L. Bedel, L. Forest, J.-M. Gentzmittel, J.-W. Rensman, E. Diegele, R. Lindau, M. Schirra, R. Schmitt, H.C. Schneider, C. Petersen, A.-M. Lancha, P. Fernandez, G. Filacchioni, M.F. Maday, K. Mergia, N. Boukos, Baluc, P. Spätig, E. Alves and E. Lucon, Materials design data for reduced activation martensitic steel type EUROFER 329–333 (2004) 257
- ten Pierick, P., see Rensman, J. 329–333 (2004) 1113
- Terai, T., see Anderl, R.A. 329–333 (2004) 1327
- Terai, T., see Hoshino, T. 329–333 (2004) 1300
- Terai, T., see Kang, Y. 329–333 (2004) 1318
- Terai, T., see Sawada, A. 329–333 (2004) 1411
- Terai, T., see Smolik, G. 329–333 (2004) 1322
- Teraoka, Y., see Moritani, K. 329–333 (2004) 988
- Terentyev, D. and L. Malerba, Diffusivity of solute atoms, matrix atoms and interstitial atoms in Fe–Cr alloys: a molecular dynamics study 329–333 (2004) 1161
- Terentyev, D., see Malerba, L. 329–333 (2004) 1156
- Terentyev, D., see Wallenius, J. 329–333 (2004) 1175
- Tilik, J., see Kizane, G. 329–333 (2004) 1287
- Tiseanu, I., see Heinzl, V. 329–333 (2004) 223
- Tivey, R., see Ioki, K. 329–333 (2004) 31
- Tobita, K., S. Nishio, S. Konishi and S. Jitsukawa, Waste management for JAERI fusion reactors 329–333 (2004) 1610
- Tobita, K., see Sugiyama, K. 329–333 (2004) 874
- Toh, K., T. Shikama, S. Nagata, B. Tsuchiya, T. Suzuki, K. Okamoto, N. Shamoto, M. Yamauchi and T. Nishitani, Optical characteristics of aluminum coated fused silica core fibers under 14 MeV fusion neutron irradiation 329–333 (2004) 1495
- Toh, K., see Adachi, T. 329–333 (2004) 1499
- Toh, K., see Nagata, S. 329–333 (2004) 1507
- Toh, K., see Okamoto, K. 329–333 (2004) 1503
- Toh, K., see Tsuchiya, B. 329–333 (2004) 1511
- Tokitani, M., M. Miyamoto, K. Tokunaga, H. Iwakiri, T. Fujiwara and N. Yoshida, Desorption of helium from austenitic stainless steel heavily bombarded by low energy He ions 329–333 (2004) 761
- Tokitani, M., see Miyamoto, M. 329–333 (2004) 742
- Tokunaga, K., S. Tamura, N. Yoshida, K. Ezato, M. Taniguchi, K. Sato, S. Suzuki and M. Akiba, Synergistic effects of high heat loading and helium irradiation of tungsten 329–333 (2004) 757
- Tokunaga, K., see Liu, X. 329–333 (2004) 687
- Tokunaga, K., see Miyamoto, M. 329–333 (2004) 742
- Tokunaga, K., see Tamura, S. 329–333 (2004) 711
- Tokunaga, K., see Tokitani, M. 329–333 (2004) 761
- Toloczko, M.B., D.S. Gelles, F.A. Garner, R.J. Kurtz and K. Abe, Irradiation creep and swelling from 400 to 600 °C of the oxide dispersion strengthened ferritic alloy MA957 329–333 (2004) 352
- Tomashuk, A., see Brichard, B. 329–333 (2004) 1456
- Torikai, Y., R.-D. Penzhorn, M. Matsuyama and K. Watanabe, Tritium uptake by SS316 and its decontamination 329–333 (2004) 1624
- Tortorelli, P.F., see Pint, B.A. 329–333 (2004) 119
- Tsai, K.V., see Maksimkin, O.P. 329–333 (2004) 625
- Tsaran, T.V., see Yeliseyeva, O.I. 329–333 (2004) 1424

- Tsuchiya, B., T. Shikama, S. Nagata, K. Toh, M. Narui and M. Yamazaki, Electrical conductivities of dense and porous alumina under reactor irradiation 329–333 (2004) 1511
- Tsuchiya, B., see Adachi, T. 329–333 (2004) 1499
- Tsuchiya, B., see Nagata, S. 329–333 (2004) 1507
- Tsuchiya, B., see Okamoto, K. 329–333 (2004) 1503
- Tsuchiya, B., see Toh, K. 329–333 (2004) 1495
- Tsuchiya, K., A. Kikukawa, T. Hoshino, M. Nakamichi, H. Yamada, D. Yamaki, M. Enoda, E. Ishitsuka, H. Kawamura, H. Ito and K. Hayashi, In situ tritium recovery behavior from Li_2TiO_3 pebble bed under neutron pulse operation 329–333 (2004) 1248
- Tsukada, M., see Satoh, Y. 329–333 (2004) 1185
- Tsukada, T., Y. Miwa, S. Jitsukawa, K. Shiba and A. Ouchi, Effects of water and irradiation temperatures on IASCC susceptibility of type 316 stainless steel 329–333 (2004) 657
- Tsukada, T., see Nakano, J. 329–333 (2004) 643
- Tsunekawa, Y., see Tamura, S. 329–333 (2004) 711
- Tsuruoka, Y., see Kobayashi, S. 329–333 (2004) 447
- Tsuruoka, Y., see Oda, S. 329–333 (2004) 462
- Tsutsui, H., see Tsuzuki, K. 329–333 (2004) 721
- Tsutsumi, T., see Kuramoto, E. 329–333 (2004) 1223
- Tsuzuki, K., K. Shinohara, K. Kamiya, H. Kawashima, M. Sato, G. Kurita, M. Bakhtiari, H. Ogawa, K. Hoshino, S. Kasai, K. Uehara, Y. Kusama, M. Yamamoto, T. Shibata, K. Kikuchi, H. Tsutsui, R. Shimada, T. Hino, Y. Hirohata, A. Amemiya, Y. Sadamoto, Y. Nagashima and A. Ejiri, Investigation of compatibility of low activation ferritic steel with high performance plasma by full covering of inside vacuum vessel wall on JFT-2M 329–333 (2004) 721
- Tsuzuki, K., see Hino, T. 329–333 (2004) 673
- Tsuzuki, K., see Ogawa, H. 329–333 (2004) 678
- Tu, M.J., see Chen, J.M. 329–333 (2004) 401
- Turubarova, L.G., see Maksimkin, O.P. 329–333 (2004) 625
- Tyumentsev, A.N., A.D. Korotaev, Yu.P. Pinzhin, I.A. Ditenberg, S.V. Litovchenko, Ya.V. Shuba, N.V. Shevchenko, V.A. Drobishev, M.M. Potapenko and V.M. Chernov, Effect of the modes of thermo-mechanical treatment on the formation of the multiphase and grain structure of V-4Ti-4Cr alloys 329–333 (2004) 429
- Uchida, M., M. Uda, T. Iwadachi, M. Nakamichi and H. Kawamura, Elemental development of beryllide electrode for pebble production by rotating electrode method 329–333 (2004) 1342
- Uchida, M., see Iwakiri, H. 329–333 (2004) 880
- Uchida, M., see Kawamura, H. 329–333 (2004) 112
- Uchida, M., see Munakata, K. 329–333 (2004) 1357
- Uchida, M., see Yamada, H. 329–333 (2004) 885
- Uda, M., see Uchida, M. 329–333 (2004) 1342
- Uda, M., see Yamada, H. 329–333 (2004) 885
- Uddin, M.S., see Hagiwara, M. 329–333 (2004) 218
- Ueda, Y., T. Funabiki, T. Shimada, R. Kawakami and M. Nishikawa, Effects of carbon impurity in fusion plasmas on erosion of RAF first wall 329–333 (2004) 771
- Ueda, Y., see Funabiki, T. 329–333 (2004) 780
- Ueda, Y., see Kawakami, R. 329–333 (2004) 737
- Ueda, Y., see Shimada, T. 329–333 (2004) 747
- Uehara, K., see Tsuzuki, K. 329–333 (2004) 721
- Ueno, K., J. Nagakawa, Y. Murase and N. Yamamoto, Effect of cold work on the irradiation creep of SUS 316L 329–333 (2004) 602
- Ueno, K., see Nagakawa, J. 329–333 (2004) 597
- Ukai, J., see Yano, T. 329–333 (2004) 1471
- Ukai, S., T. Narita, A. Alamo and P. Parmentier, Tube manufacturing trials by different routes in 9CrW-ODS martensitic steels 329–333 (2004) 356
- Ukai, S., see Akasaka, N. 329–333 (2004) 1053
- Ukai, S., see Cho, H.S. 329–333 (2004) 387
- Ukai, S., see Kaito, T. 329–333 (2004) 1388
- Ukai, S., see Lee, J.S. 329–333 (2004) 1122
- Ukai, S., see Ohtsuka, S. 329–333 (2004) 372
- Ukai, S., see Seki, M. 329–333 (2004) 1534
- Ukai, S., see Yoshitake, T. 329–333 (2004) 342
- Unholzer, S., see Eichin, R. 329–333 (2004) 1638
- Unholzer, S., see Seidel, K. 329–333 (2004) 1629
- Usami, K., see Saito, S. 329–333 (2004) 1093
- Utin, Yu., see Ioki, K. 329–333 (2004) 31
- Valli, M., see Coppola, R. 329–333 (2004) 1057
- van der Laan, J., see Peacock, A.T. 329–333 (2004) 173
- van der Laan, J.G., see Casadio, S. 329–333 (2004) 1252
- van der Laan, J.G., see Kawamura, H. 329–333 (2004) 112
- van der Schaaf, B., see Andreani, R. 329–333 (2004) 20
- van der Schaaf, B., see Jitsukawa, S. 329–333 (2004) 39
- van Hoepen, J., see Rensman, J. 329–333 (2004) 1113
- Vasil'ev, V.I., see Guseva, M.I. 329–333 (2004) 825
- Vasiliev, N.N., see Zimin, A.M. 329–333 (2004) 855
- Vata, I., see Sporea, D. 329–333 (2004) 1062
- Vayakis, G., see Brichard, B. 329–333 (2004) 1456
- Vayakis, G., see Nishitani, T. 329–333 (2004) 1461
- Vella, G., see Dell'Orco, G. 329–333 (2004) 1305
- Ventelon, L., see Wirth, B.D. 329–333 (2004) 103
- Verzilov, Y., K. Ochiai, A. Klix, S. Sato, M. Wada, M. Yamauchi and T. Nishitani, Non-destructive analysis of impurities in beryllium, affecting evaluation of the tritium breeding ratio 329–333 (2004) 1337
- Victoria, M., see Bonadé, R. 329–333 (2004) 278
- Victoria, M., see Jitsukawa, S. 329–333 (2004) 39
- Victoria, M., see Nita, N. 329–333 (2004) 953
- Victoria, M., see Spätig, P. 329–333 (2004) 289
- Victoria, M., see Yao, Z. 329–333 (2004) 1127
- Victoria, M., see Yu, G. 329–333 (2004) 1003

- Vila, R. and E.R. Hodgson, RIEMF in MgO and Al₂O₃ insulated MI cable ITER magnetic diagnostic coils 329–333 (2004) 1524
- Vila, R., see Moroño, A. 329–333 (2004) 1438
- Visca, E., see Roedig, M. 329–333 (2004) 766
- Vitins, A., see Kizane, G. 329–333 (2004) 1287
- Vladimirov, P. and A. Möslang, Comparison of material irradiation conditions for fusion, spallation, stripping and fission neutron sources 329–333 (2004) 233
- Vladimirov, P., see Heinzl, V. 329–333 (2004) 223
- Vlasov, V.V., see Kupriyanov, I.B. 329–333 (2004) 809
- Voitsenya, V.S., A.F. Bardamid, V.N. Bondarenko, V.G. Konovalov, D.V. Orliinskij, I.V. Ryzhkov, A.N. Shapoval, A.F. Shtan', S.I. Solodovchenko and K.Yu. Vukolov, Modification of optical properties of Be mirrors under bombardment by deuterium ions 329–333 (2004) 1476
- Voitsenya, V.S., see Balden, M. 329–333 (2004) 1515
- von Möllendorff, U., see Simakov, S.P. 329–333 (2004) 213
- Voss, Z., see Konys, J. 329–333 (2004) 1379
- Voyevodin, V.N., see Borodin, O.V. 329–333 (2004) 630
- Vukolov, K.Yu., see Voitsenya, V.S. 329–333 (2004) 1476
- Wacker, R., see Greuner, H. 329–333 (2004) 849
- Wada, M., see Ohya, K. 329–333 (2004) 732
- Wada, M., see Verzilov, Y. 329–333 (2004) 1337
- Wakai, E., T. Taguchi, T. Yamamoto and F. Takada, Effect of tempering temperature and time on tensile properties of F82H irradiated by neutrons 329–333 (2004) 1133
- Wakai, E., see Ando, M. 329–333 (2004) 1137
- Wakai, E., see Sakuma, D. 329–333 (2004) 392
- Wakai, E., see Tanaka, T. 329–333 (2004) 294
- Wallenius, J., I.A. Abrikosov, R. Chakarova, C. Lagerstedt, L. Malerba, P. Olsson, V. Pontikis, N. Sandberg and D. Terentyev, Development of an EAM potential for simulation of radiation damage in Fe–Cr alloys 329–333 (2004) 1175
- Wallenius, J., see Malerba, L. 329–333 (2004) 1156
- Wang, K., see Li, X. 329–333 (2004) 1407
- Wang, H., Y. Wu, Y. Ke, W. Wang and Q. Huang, Influence of blanket structural materials on liquid metal Pb–17Li flow in the FDS 329–333 (2004) 1374
- Wang, W., see Wang, H. 329–333 (2004) 1374
- Wang, H., Wu Y. Ke Y., Wang, W and Huang, Q. Dynamic and static hydrogen effects on mechanical properties in pure vanadium 329–333 (2004) 477
- Watanabe, H., T. Muroga and N. Yoshida, The study of temperature variation during HFIR irradiation on vanadium 329–333 (2004) 425
- Watanabe, H., see Hatakeyama, M. 329–333 (2004) 420
- Watanabe, H., see Nagasaka, T. 329–333 (2004) 1539
- Watanabe, K., see Hayakawa, R. 329–333 (2004) 411
- Watanabe, K., see Matsuyama, M. 329–333 (2004) 752
- Watanabe, K., see Nakagawa, S. 329–333 (2004) 904
- Watanabe, K., see Torikai, Y. 329–333 (2004) 1624
- Watanabe, M., see Yoshida, T. 329–333 (2004) 982
- Watanabe, S., see Ohnuki, S. 329–333 (2004) 481
- Watanabe, S., see Sakaguchi, N. 329–333 (2004) 1166
- Watanabe, S., see Tanaka, T. 329–333 (2004) 294
- Watanabe, S., see Wang, Y. 329–333 (2004) 477
- Watanabe, Y., see Heinzl, V. 329–333 (2004) 223
- Weber, H.W., see Bittner-Rohrhofer, K. 329–333 (2004) 1083
- Wedemeyer, O., see Konys, J. 329–333 (2004) 1379
- Wen, Z., Z. Gu, X. Xu and X. Zhu, Research on the preparation, electrical and mechanical properties of γ -LiAlO₂ ceramics 329–333 (2004) 1283
- Wenhua, L., S. Cansheng and L. Xuejian, Purification of hydrogen isotopes using palladium molecular sieve 329–333 (2004) 1361
- Wessel, E., see Koza, Y. 329–333 (2004) 706
- Wienhold, P., see Rubel, M.J. 329–333 (2004) 795
- Wiffen, F.W., see Bloom, E.E. 329–333 (2004) 12
- Wilson, P.P.H., see Fischer, U. 329–333 (2004) 228
- Wirth, B.D., G.R. Odette, J. Marian, L. Ventelon, J.A. Young-Vandersall and L.A. Zepeda-Ruiz, Multiscale modeling of radiation damage in Fe-based alloys in the fusion environment 329–333 (2004) 103
- Wolfer, W.G., see Garner, F.A. 329–333 (2004) 1008
- Wolfer, W.G., see Okita, T. 329–333 (2004) 1013
- Woltersdorf, J., see Brendel, A. 329–333 (2004) 804
- Woltersdorf, J., see Riccardi, B. 329–333 (2004) 562
- Wong, C.P.C., S. Malang, M. Sawan, I. Sviatoslavsky, E. Mogahed, S. Smolentsev, S. Majumdar, B. Merrill, R. Mattas, M. Friend, J. Bolin and S. Sharafat, APEX advanced ferritic steel, Flibe self-cooled first wall and blanket design 329–333 (2004) 1599
- Wu, C.H., see Druyts, F. 329–333 (2004) 1353
- Wu, C.H., see Peacock, A.T. 329–333 (2004) 173
- Wu, X., see Pan, X. 329–333 (2004) 1088
- Wu, Y., see Wang, H. 329–333 (2004) 1374
- Wu, Y., see Yu, G. 329–333 (2004) 1003
- Xu, Q., T. Yoshiie, T. Muroga, N. Yoshida, T. Iwai and D.J. Edwards, Microstructural evolution and hardness changes in the interface of Cu/316L joint materials under aging and ion irradiation 329–333 (2004) 1558
- Xu, Q., see Okazawa, H. 329–333 (2004) 967
- Xu, Q., see Sato, K. 329–333 (2004) 929
- Xu, Q., see Yoshiie, T. 329–333 (2004) 81
- Xu, X., see Wen, Z. 329–333 (2004) 1283
- Xu, Y., see Chen, J.M. 329–333 (2004) 401
- Xu, Z., see Fu, Z. 329–333 (2004) 692
- Xu, Z., see Liu, X. 329–333 (2004) 687

- Xu, Z.Y., see Chen, J.M. 329–333 (2004) 401
 Xuejian, L., see Wenhua, L. 329–333 (2004) 1361
- Yagyu, J., see Gotoh, Y. 329–333 (2004) 840
 Yagyu, J., see Hirohata, Y. 329–333 (2004) 785
 Yagyu, J., see Masaki, K. 329–333 (2004) 845
 Yagyu, J., see Morimoto, Y. 329–333 (2004) 894
- Yamada, H., M. Uchida, M. Uda, T. Iwadachi, M. Nakamichi and H. Kawamura, Heat load test of beryllium and CuCrZr joints 329–333 (2004) 885
 Yamada, H., see Tsuchiya, K. 329–333 (2004) 1248
- Yamada, R., N. Igawa and T. Taguchi, Thermal diffusivity/conductivity of Tyranno SA fiber- and Hi-Nicalon Type S fiber-reinforced 3-D SiC/SiC composites 329–333 (2004) 497
 Yamada, R., see Igawa, N. 329–333 (2004) 554
 Yamada, T., see Yamauchi, Y. 329–333 (2004) 397
 Yamaguchi, K., see Hino, T. 329–333 (2004) 673
 Yamaguchi, K., see Ogawa, H. 329–333 (2004) 678
- Yamaki, D., T. Nakazawa, T. Tanifuji, T. Aruga, S. Jitsukawa and K. Hōjō, Observation of the microstructural changes in lithium titanate by multi-ion irradiation 329–333 (2004) 1279
 Yamaki, D., see Tanifuji, T. 329–333 (2004) 1266
 Yamaki, D., see Tsuchiya, K. 329–333 (2004) 1248
 Yamamoto, M., see Tsuzuki, K. 329–333 (2004) 721
- Yamamoto, N., T. Chuto, Y. Murase and J. Nagakawa, Correlation between embrittlement and bubble microstructure in helium-implanted materials 329–333 (2004) 993
 Yamamoto, N., see Chuto, T. 329–333 (2004) 416
 Yamamoto, N., see Murase, Y. 329–333 (2004) 1066
 Yamamoto, N., see Ueno, K. 329–333 (2004) 602
 Yamamoto, S., see Nagata, S. 329–333 (2004) 1507
 Yamamoto, T., see Bonadé, R. 329–333 (2004) 278
 Yamamoto, T., see Kishimoto, H. 329–333 (2004) 369
 Yamamoto, T., see Kurishita, H. 329–333 (2004) 1107
 Yamamoto, T., see Odette, G.R. 329–333 (2004) 1243
 Yamamoto, T., see Wakai, E. 329–333 (2004) 1133
 Yamamoto, T., see Yasuda, K. 329–333 (2004) 1451
 Yamaoka, N., see Kondo, H. 329–333 (2004) 208
- Yamashita, S., N. Akasaka and S. Ohnuki, Nano-oxide particle stability of 9–12Cr grain morphology modified ODS steels under neutron irradiation 329–333 (2004) 377
 Yamashita, S., see Akasaka, N. 329–333 (2004) 1053
 Yamashita, S., see Sakuma, D. 329–333 (2004) 392
 Yamashita, S., see Tanaka, T. 329–333 (2004) 294
 Yamauchi, M., see Adachi, T. 329–333 (2004) 1499
 Yamauchi, M., see Morioka, A. 329–333 (2004) 1619
 Yamauchi, M., see Nishitani, T. 329–333 (2004) 1461
 Yamauchi, M., see Toh, K. 329–333 (2004) 1495
 Yamauchi, M., see Verzilov, Y. 329–333 (2004) 1337
 Yamauchi, T., see Hagiwara, M. 329–333 (2004) 218
 Yamauchi, Y., T. Yamada, Y. Hirohata, T. Hino and T. Muroga, Deuterium retention in V–4Cr–4Ti alloy after deuterium ion irradiation 329–333 (2004) 397
 Yamauchi, Y., see Hino, T. 329–333 (2004) 673
 Yamauchi, Y., see Nobuta, Y. 329–333 (2004) 800
 Yamauchi, Y., see Ogawa, H. 329–333 (2004) 678
 Yamauchi, Y., see Yoshida, H. 329–333 (2004) 790
 Yamawaki, M., see Hoshino, T. 329–333 (2004) 1300
 Yamazaki, M., see Kurishita, H. 329–333 (2004) 1107
 Yamazaki, M., see Tsuchiya, B. 329–333 (2004) 1511
- Yan, J.Y., C.W. Chen, P.C. Fang, K.M. Yin, F.R. Chen, Y. Katoh, A. Kohyama and J.J. Kai, The investigation of crack mechanism for Tyranno-SA SiC/SiC composites with ESI method 329–333 (2004) 513
 Yan, J.Y., see Duh, T.S. 329–333 (2004) 518
 Yang, L., see Liu, X. 329–333 (2004) 687
 Yang, W., H. Araki, A. Kohyama, Y. Katoh, Q. Hu, H. Suzuki and T. Noda, Tyranno-SA/SiC composite with SiC nanowires in the matrix by CVI process 329–333 (2004) 539
 Yang, W., see Araki, H. 329–333 (2004) 567
 Yang, W.J., see Odette, G.R. 329–333 (2004) 1243
 Yang, Y., N. Sekimura and H. Abe, Elementary processes in channeling deformation in FCC copper: a molecular dynamics study 329–333 (2004) 1208
- Yano, T., K. Inokuchi, M. Shikama, J. Ukai, S. Onose and T. Maruyama, Neutron irradiation effects on isotope tailored aluminum nitride ceramics by a fast reactor up to 2×10^{26} n/m² 329–333 (2004) 1471
 Yano, T., see Akiyoshi, M. 329–333 (2004) 1466
 Yano, T., see Pramono, Y. 329–333 (2004) 1170
 Yano, Y., see Kurishita, H. 329–333 (2004) 1107
- Yao, Z., A. Suzuki, T. Muroga and K. Katahira, Chemical formation of erbium oxide layer on V–4Cr–4Ti during exposure to liquid lithium doped with erbium 329–333 (2004) 1414
- Yao, Z., R. Schäublin and M. Victoria, Tensile properties of irradiated Cu single crystals and their temperature dependence 329–333 (2004) 1127
- Yasuda, K., K. Tanaka, M. Shimada, T. Yamamoto, S. Matsumura and C. Kinoshita, Influence of an electric field on the microstructure evolution of ion-irradiated alumina 329–333 (2004) 1451
 Yasuda, K., see Ryazanov, A.I. 329–333 (2004) 97
 Yasuda, K., see Shimada, M. 329–333 (2004) 1446
 Yasuda, T., see Ohnuki, S. 329–333 (2004) 481
 Yasuda, T., see Wang, Y. 329–333 (2004) 477
 Yasunaga, K., see Iwakiri, H. 329–333 (2004) 880
 Ye, M.Y., see Nishijima, D. 329–333 (2004) 1029
- Yeliseyeva, O.I., V.M. Chernov, M.M. Potapenko and T.V. Tsaran, A conception of formation and operation

- of CaO coating in regime of self-healing 329–333 (2004) 1424
- Yeliseyeva, O.I., see Pint, B.A. 329–333 (2004) 119
- Yin, K.M., see Duh, T.S. 329–333 (2004) 518
- Yin, K.M., see Yan, J.Y. 329–333 (2004) 513
- Ying, A.Y., T. Yokomine, A. Shimizu, M. Abdou and A. Kohyama, Impact of material system thermomechanics and thermofluid performance on He-cooled ceramic breeder blanket designs with SiC_f/SiC 329–333 (2004) 1605
- Yokomine, T., see Ying, A.Y. 329–333 (2004) 1605
- Yokoyama, K., see Yoshida, H. 329–333 (2004) 790
- Yokoyama, Y., see Narisato, Y. 329–333 (2004) 1370
- Yokoyama, Y., see Okabe, H. 329–333 (2004) 1309
- Yonekawa, M., see Miwa, Y. 329–333 (2004) 1098
- Yoneoka, T., see Chiba, K. 329–333 (2004) 1575
- Yoneoka, T., see Nakamura, H. 329–333 (2004) 202
- Yoon, H.K., see Kim, S.W. 329–333 (2004) 248
- Yoon, H.K., see Lee, S.P. 329–333 (2004) 534
- Yoon, H.K., see Park, J.S. 329–333 (2004) 558
- Yoon, S.G., see Kang, S.M. 329–333 (2004) 530
- Yoshida, E. and S. Kato, Sodium compatibility of ODS steel at elevated temperature 329–333 (2004) 1393
- Yoshida, H., M. Taniguchi, K. Yokoyama, Y. Yamauchi, Y. Hirohata, M. Akiba and T. Hino, Deuterium retention in carbon dust and carbon-tungsten mixed dust prepared by deuterium arc discharge 329–333 (2004) 790
- Yoshida, H., see Hino, T. 329–333 (2004) 673
- Yoshida, H., see Hirohata, Y. 329–333 (2004) 785
- Yoshida, H., see Morimoto, Y. 329–333 (2004) 894
- Yoshida, N., see Bolt, H. 329–333 (2004) 66
- Yoshida, N., see Fu, Z. 329–333 (2004) 692
- Yoshida, N., see Hatakeyama, M. 329–333 (2004) 420
- Yoshida, N., see Iwakiri, H. 329–333 (2004) 880
- Yoshida, N., see Kawamura, H. 329–333 (2004) 112
- Yoshida, N., see Liu, X. 329–333 (2004) 687
- Yoshida, N., see Matsuyama, M. 329–333 (2004) 752
- Yoshida, N., see Miyamoto, M. 329–333 (2004) 742
- Yoshida, N., see Ono, K. 329–333 (2004) 933
- Yoshida, N., see Sugano, R. 329–333 (2004) 942
- Yoshida, N., see Tamura, S. 329–333 (2004) 711
- Yoshida, N., see Tokitani, M. 329–333 (2004) 761
- Yoshida, N., see Tokunaga, K. 329–333 (2004) 757
- Yoshida, N., see Watanabe, H. 329–333 (2004) 425
- Yoshida, N., see Xu, Q. 329–333 (2004) 1558
- Yoshida, T., T. Tanabe, M. Watanabe, S. Takahara and S. Mizukami, Study of damage processes of silica by in situ hydrogen-ion-induced luminescence measurements 329–333 (2004) 982
- Yoshida, Y., see Hishinuma, Y. 329–333 (2004) 1580
- Yoshiie, T., Y. Satoh and Q. Xu, Analysis of defect structural evolution in fcc metals irradiated with neutrons under well defined boundary conditions 329–333 (2004) 81
- Yoshiie, T., see Okazawa, H. 329–333 (2004) 967
- Yoshiie, T., see Sato, K. 329–333 (2004) 929
- Yoshiie, T., see Satoh, Y. 329–333 (2004) 1185
- Yoshiie, T., see Xu, Q. 329–333 (2004) 1558
- Yoshitake, T., Y. Abe, N. Akasaka, S. Ohtsuka, S. Ukai and A. Kimura, Ring-tensile properties of irradiated oxide dispersion strengthened ferritic/martensitic steel claddings 329–333 (2004) 342
- Yoshitake, T., see Akasaka, N. 329–333 (2004) 1053
- Yoshitake, T., see Kurishita, H. 329–333 (2004) 1107
- You, J.H. and H. Bolt, Structural analysis of a plasma facing component reinforced with fibrous metal matrix composite laminate 329–333 (2004) 702
- Youngblood, G.E., D.J. Senior and R.H. Jones, Effects of irradiation and post-irradiation annealing on the thermal conductivity/diffusivity of monolithic SiC and f-SiC/SiC composites 329–333 (2004) 507
- Young-Vandersall, J.A., see Wirth, B.D. 329–333 (2004) 103
- Yu, G., X. Li, J. Yu, Y. Wu, H. Kinoshita, H. Takahashi and M. Victoria, Helium effects on EUROFER97 martensitic steel irradiated by dual-beam from 1 to 50 dpa at 250 and 300 °C with 10 He appm/dpa 329–333 (2004) 1003
- Yu, G., see Li, X. 329–333 (2004) 1407
- Yu, J., see Li, X. 329–333 (2004) 1407
- Yu, J., see Yu, G. 329–333 (2004) 1003
- Yubuta, K., see Ishijima, Y. 329–333 (2004) 775
- Yutani, T., see Heinzl, V. 329–333 (2004) 223
- Zabekhailov, M., see Brichard, B. 329–333 (2004) 1456
- Zatekin, V.V., see Zimin, A.M. 329–333 (2004) 855
- Zatyokin, V.V., see Guseva, M.I. 329–333 (2004) 825
- Zbib, H.M., see Hiratani, M. 329–333 (2004) 1103
- Zepeda-Ruiz, L.A., see Wirth, B.D. 329–333 (2004) 103
- Zhu, X., see Wen, Z. 329–333 (2004) 1283
- Zimin, A.M., L.S. Danelyan, N.G. Elistratov, V.M. Gureev, M.I. Guseva, B.N. Kolbasov, V.S. Kulikauskas, V.G. Stolyarova, N.N. Vasiliev and V.V. Zatekin, Modeling of beryllium sputtering and re-deposition in fusion reactor plasma facing components 329–333 (2004) 855
- Zinkle, S., see Sharafat, S. 329–333 (2004) 1429
- Zinkle, S.J. and F.A. Garner, Effect of initial oxygen content on the void swelling behavior of fast neutron irradiated copper 329–333 (2004) 938
- Zinkle, S.J. and Y. Matsukawa, Observation and analysis of defect cluster production and interactions with dislocations 329–333 (2004) 88
- Zinkle, S.J., see Bloom, E.E. 329–333 (2004) 12

- Zinkle, S.J., see Fukumoto, K. 329–333 (2004) 472
Zinkle, S.J., see Hashimoto, N. 329–333 (2004) 947
Zinkle, S.J., see Mansur, L.K. 329–333 (2004) 166
Zinkle, S.J., see Matsukawa, Y. 329–333 (2004) 919
Zmítko, M., see Splíchal, K. 329–333 (2004) 1384
- Zucchetti, M. and A. Ciampichetti, Fusion reactor radioactive materials and national waste management regulations 329–333 (2004) 1653
Zucchetti, M., see Ciampichetti, A. 329–333 (2004) 1332