



Author index

- Ahlberg, E., see Oskarsson, M. 295 (2001) 97
Ahlberg, E., see Oskarsson, M. 295 (2001) 126
Aktaa, J., see Schneider, H.-C. 295 (2001) 16
Alam, M. and M.Y. Inal, Permeation behavior of deuterium implanted in electro- and sputter-deposited copper coatings on aluminum alloy substrates 295 (2001) 27
Antony, M.P., see Vidhya, R. 295 (2001) 221
Antony, M.P., see Vidhya, R. 295 (2001) 228
Arbuzov, V.L., A.P. Druzhkov and S.E. Danilov, Effects of phosphorus on defects accumulation and annealing in electron-irradiated Fe–Ni austenitic alloys 295 (2001) 273
Arbuzov, V.L., see Sagaradze, V.V. 295 (2001) 265
Arul Antony, S., K.S. Nagaraja and O.M. Sreedharan, Preparation of 15 mol% YO_{1.5}-doped ThO₂ disk electrolytes by a polymeric gel-combustion method 295 (2001) 189
Balooch, M., see Dinh, L.N. 295 (2001) 193
Barbier, F., G. Benamati, C. Fazio and A. Rusanov, Compatibility tests of steels in flowing liquid lead–bismuth 295 (2001) 149
Becquart, C.S., see Souidi, A. 295 (2001) 179
Benamati, G., see Barbier, F. 295 (2001) 149
Bosch, P., see Bulbulian, S. 295 (2001) 64
Bouffard, S., see Gibert-Mougel, C. 295 (2001) 121
Bourgeois, L., Ph. Dehaut, C. Lemaignan and J.P. Fredric, Pore migration in UO₂ and grain growth kinetics 295 (2001) 73
Brandel, V., see Thomas, A.C. 295 (2001) 249
Bulbulian, S. and P. Bosch, Vitrification of gamma irradiated ⁶⁰Co²⁺ zeolites 295 (2001) 64
Busch, R., see Gong, W.L. 295 (2001) 295
Cecala, C.M., see Dinh, L.N. 295 (2001) 193
Chae, S.W., see Chun, Y.B. 295 (2001) 31
Cheng, T.-P., see Wu, T.-F. 295 (2001) 233
Cheon, J.-S., see Koo, Y.-H. 295 (2001) 213
Chitwood, L.D., see DiStefano, J.R. 295 (2001) 42
Chun, Y.B., S.K. Hwang, M.H. Kim, S.I. Kwun and S.W. Chae, Effect of Mo addition on the crystal texture and deformation twin formation in Zr-based alloys 295 (2001) 31
Costantini, J.M., see Gibert-Mougel, C. 295 (2001) 121
Couvreur, F., see Gibert-Mougel, C. 295 (2001) 121
Crocombette, J.-P. and D. Ghaleb, Molecular dynamics modeling of irradiation damage in pure and uranium-doped zircon 295 (2001) 167
Dacheux, N., see Thomas, A.C. 295 (2001) 249
Dafferner, B., see Schneider, H.-C. 295 (2001) 16
Danilov, S.E., see Arbuzov, V.L. 295 (2001) 273
Dash, S., R. Krishnan, M. Kamruddin, A.K. Tyagi and B. Raj, Temperature programmed decomposition of thorium oxalate hexahydrate 295 (2001) 281
Dehaut, Ph., see Bourgeois, L. 295 (2001) 73
Dinh, L.N., C.M. Cecala, J.H. Leckey and M. Balooch, The effects of moisture on LiD single crystals studied by temperature-programmed decomposition 295 (2001) 193
DiStefano, J.R. and L.D. Chitwood, Oxidation and its effects on the mechanical properties of Nb–1Zr 295 (2001) 42
Domain, C., see Souidi, A. 295 (2001) 179
Douglas, K., see Esteban, G.A. 295 (2001) 49
Druzhkov, A.P., see Arbuzov, V.L. 295 (2001) 273
Dufour, C., see Gibert-Mougel, C. 295 (2001) 121
Edwards, D.J., see Singh, B.N. 295 (2001) 1
Eldrup, M., see Singh, B.N. 295 (2001) 1
Esteban, G.A., A. Perujo, L.A. Sedano and K. Douglas, Hydrogen isotope diffusive transport parameters in pure polycrystalline tungsten 295 (2001) 49
Fazio, C., see Barbier, F. 295 (2001) 149
Fredric, J.P., see Bourgeois, L. 295 (2001) 73
Genet, M., see Thomas, A.C. 295 (2001) 249
Ghaleb, D., see Crocombette, J.-P. 295 (2001) 167
Gibert-Mougel, C., F. Couvreur, J.M. Costantini, S. Bouffard, F. Levesque, S. Hémon, E. Paumier and C. Dufour, Phase transformation of polycrystalline zirconia induced by swift heavy ion irradiation 295 (2001) 121
Gin, S. and J.P. Mestre, SON 68 nuclear glass alteration kinetics between pH 7 and pH 11.5 295 (2001) 83
Gong, W.L., S. Naz, W. Lutze, R. Busch, A. Prinja and W. Stoll, Safe disposal of surplus plutonium 295 (2001) 295
González, H.C. and M.T. Miralles, Annealing of hardening in copper after neutron irradiation hardening at 77 K 295 (2001) 157
Goshchitskii, B.N., see Sagaradze, V.V. 295 (2001) 265
Hémon, S., see Gibert-Mougel, C. 295 (2001) 121
Hobbs, L.W., see Yuan, X. 295 (2001) 132
Hong, S.I., see Lee, K.W. 295 (2001) 21

- Hou, M., see Souidi, A. 295 (2001) 179
- Hwang, S.K., see Chun, Y.B. 295 (2001) 31
- Inal, M.Y., see Alam, M. 295 (2001) 27
- Jiguang, S., see Sagaradze, V.V. 295 (2001) 265
- Kamruddin, M., see Dash, S. 295 (2001) 281
- Katoh, Y., M. Kotani, H. Kishimoto, W. Yang and A. Kohyama, Erratum to 'Properties and radiation effects in high-temperature pyrolyzed PIP-SiC/SiC' [J. Nucl. Mater. 289 (2001) 42–47] 295 (2001) 131
- Kim, K.T., see Lee, K.W. 295 (2001) 21
- Kim, M.H., see Chun, Y.B. 295 (2001) 31
- Kim, S.K., see Lee, K.W. 295 (2001) 21
- Kishimoto, H., see Katoh, Y. 295 (2001) 131
- Kleykamp, H., Enthalpy, heat capacity and enthalpy of transformation of Li_2TiO_3 295 (2001) 244
- Kohyama, A., see Katoh, Y. 295 (2001) 131
- Konings, R.J.M., Estimation of the standard entropies of some Am(III) and Cm(III) compounds 295 (2001) 57
- Koo, Y.-H., B.-H. Lee, J.-S. Cheon and D.-S. Sohn, Pore pressure and swelling in the rim region of LWR high burnup UO_2 fuel 295 (2001) 213
- Kotani, M., see Katoh, Y. 295 (2001) 131
- Krishnan, R., see Dash, S. 295 (2001) 281
- Kwun, S.I., see Chun, Y.B. 295 (2001) 31
- Le Coustumer, P., see Thomas, A.C. 295 (2001) 249
- Leckey, J.H., see Dinh, L.N. 295 (2001) 193
- Lee, B.-H., see Koo, Y.-H. 295 (2001) 213
- Lee, K.W., S.K. Kim, K.T. Kim and S.I. Hong, Ductility and strain rate sensitivity of Zircaloy-4 nuclear fuel claddings 295 (2001) 21
- Lemaignan, C., see Bourgeois, L. 295 (2001) 73
- Levesque, F., see Gibert-Mougel, C. 295 (2001) 121
- Lutze, W., see Gong, W.L. 295 (2001) 295
- Maki, J.T., see Miller, G.K. 295 (2001) 205
- Mestre, J.P., see Gin, S. 295 (2001) 83
- Miller, G.K., D.A. Petti, D.J. Varacalle and J.T. Maki, Consideration of the effects on fuel particle behavior from shrinkage cracks in the inner pyrocarbon layer 295 (2001) 205
- Miralles, M.T., see González, H.C. 295 (2001) 157
- Muto, S., N. Yokoya and T. Tanabe, Erratum to 'Detailed structure analysis of deposit layer in TEXTOR by means of TEM techniques' [J. Nucl. Mater. 290–293 (2001) 295–298] 295 (2001) 300
- Nagaraja, K.S., see Arul Antony, S. 295 (2001) 189
- Naz, S., see Gong, W.L. 295 (2001) 295
- Oskarsson, M., E. Ahlberg and K. Pettersson, Oxidation of Zircaloy-2 and Zircaloy-4 in water and lithiated water at 360°C 295 (2001) 97
- Oskarsson, M., E. Ahlberg and K. Pettersson, Phase transformation of stabilised zirconia in water and 1.0 M LiOH 295 (2001) 126
- Paumier, E., see Gibert-Mougel, C. 295 (2001) 121
- Perujo, A., see Esteban, G.A. 295 (2001) 49
- Pettersson, K., see Oskarsson, M. 295 (2001) 126
- Pettersson, K., see Oskarsson, M. 295 (2001) 97
- Petti, D.A., see Miller, G.K. 295 (2001) 205
- Prinja, A., see Gong, W.L. 295 (2001) 295
- Pulim, V., see Yuan, X. 295 (2001) 132
- Qun, W., see Sagaradze, V.V. 295 (2001) 265
- Raj, B., see Dash, S. 295 (2001) 281
- Rauh, H. and H. Ullmaier, Hydrogen concentrations near cracks in target materials for high-power spallation neutron sources 295 (2001) 109
- Rusanov, A., see Barbier, F. 295 (2001) 149
- Sagaradze, V.V., V.I. Shalaev, V.L. Arbutov, B.N. Goshchitskii, Y. Tian, W. Qun and S. Jiguang, Radiation resistance and thermal creep of ODS ferritic steels 295 (2001) 265
- Schneider, H.-C., B. Dafferner and J. Aktaa, Embrittlement behaviour of different international low activation alloys after neutron irradiation 295 (2001) 16
- Sedano, L.A., see Esteban, G.A. 295 (2001) 49
- Shalaev, V.I., see Sagaradze, V.V. 295 (2001) 265
- Singh, B.N., D.J. Edwards, M. Eldrup and P. Toft, Effect of bonding and bakeout thermal cycles on the properties of copper alloys irradiated at 350°C 295 (2001) 1
- Sohn, D.-S., see Koo, Y.-H. 295 (2001) 213
- Sorokin, M.V. and A.E. Volkov, Effect of defect sink strengths on the radiation induced segregation in binary alloys 295 (2001) 290
- Souidi, A., M. Hou, C.S. Becquart and C. Domain, Atomic displacement cascade distributions in iron 295 (2001) 179
- Sreedharan, O.M., see Arul Antony, S. 295 (2001) 189
- Stoll, W., see Gong, W.L. 295 (2001) 295
- Tanabe, T., see Muto, S. 295 (2001) 300
- Thomas, A.C., N. Dacheux, P. Le Coustumer, V. Brandel and M. Genet, Kinetic and thermodynamic studies of the dissolution of thorium–uranium (IV) phosphate–diphosphate solid solutions 295 (2001) 249
- Tian, Y., see Sagaradze, V.V. 295 (2001) 265
- Toft, P., see Singh, B.N. 295 (2001) 1
- Tsai, W.-T., see Wu, T.-F. 295 (2001) 233
- Tyagi, A.K., see Dash, S. 295 (2001) 281
- Ullmaier, H., see Rauh, H. 295 (2001) 109
- Varacalle, D.J., see Miller, G.K. 295 (2001) 205
- Vasudeva Rao, P.R., see Vidhya, R. 295 (2001) 221
- Vasudeva Rao, P.R., see Vidhya, R. 295 (2001) 228
- Vidhya, R., M.P. Antony, P.R. Vasudeva Rao and B. Viswanathan, Enthalpy and Gibbs energy of formation of lanthanum dicarbide 295 (2001) 221
- Vidhya, R., M.P. Antony, P.R. Vasudeva Rao and B. Viswanathan, Enthalpy and

- Gibbs energy of formation of neodymium dicarbide 295 (2001) 228
- Viswanathan, B., see Vidhya, R. 295 (2001) 221
- Viswanathan, B., see Vidhya, R. 295 (2001) 228
- Volkov, A.E., see Sorokin, M.V. 295 (2001) 290
- White, R.J., The fractal nature of the surface of uranium dioxide: a resolution of the short-lived/stable gas release dichotomy 295 (2001) 133
- Wu, T.-F., T.-P. Cheng and W.-T. Tsai, Effect of electrolyte composition on the electrochemical potentiokinetic reactivation behavior of Alloy 600 295 (2001) 233
- Yang, W., see Katoh, Y. 295 (2001) 131
- Yokoya, N., see Muto, S. 295 (2001) 300
- Yuan, X., V. Pulim and L.W. Hobbs, Erratum to 'Molecular dynamics refinement of topologically generated reconstructions of simulated irradiation cascades in silica networks' [J. Nucl. Mater. 289 (2001) 71–79] 295 (2001) 132