

Author index

- Abili Nejad, M. and M. Jonsson, Dynamics for oxidation of Fe_3O_4 , Fe_2CoO_4 and Fe_2NiO_4 345 (2005) 219
- Amarendra, G., see Gopalan, P. 345 (2005) 162
- Ananthasivan, K., see Jain, A. 345 (2005) 245
- Ananthasivan, K., see Pankajavalli, R. 345 (2005) 96
- Anthonyssamy, S., see Jain, A. 345 (2005) 245
- Anthonyssamy, S., see Pankajavalli, R. 345 (2005) 96
- Arey, B.W., see Hrma, P. 345 (2005) 31
- Bardamid, A.F., see Belyaeva, A.I. 345 (2005) 101
- Bates, D.J., see Hrma, P. 345 (2005) 19
- Bekris, N., see Tanabe, T. 345 (2005) 89
- Belyaeva, A.I., A.F. Bardamid, J.W. Davis, A.A. Haasz, V.G. Kononov, A.D. Kudlenko, M. Poon, K.A. Slatin and V.S. Voitsenya, Hydrogen ion bombardment damage in stainless steel mirrors 345 (2005) 101
- Bredt, P.R., see Hrma, P. 345 (2005) 19
- Bredt, P.R., see Hrma, P. 345 (2005) 31
- Bruno, J., see Clarens, F. 345 (2005) 225
- Bruno, J., see Giménez, J. 345 (2005) 232
- Buchmiller, W.C., see Strachan, D.M. 345 (2005) 109
- Buck, E.C., see Strachan, D.M. 345 (2005) 109
- Casas, I., see Clarens, F. 345 (2005) 225
- Casas, I., see Giménez, J. 345 (2005) 232
- Catalano, J.G., see Pierce, E.M. 345 (2005) 206
- Cera, E., see Clarens, F. 345 (2005) 225
- Chaouadi, R. and R. Gérard, Copper precipitate hardening of irradiated RPV materials and implications on the superposition law and re-irradiation kinetics 345 (2005) 65
- Chen, C., see Wang, X. 345 (2005) 184
- Chen, L., see Wang, X. 345 (2005) 184
- Clarens, F., see Giménez, J. 345 (2005) 232
- Clarens, F., J. de Pablo, I. Casas, J. Giménez, M. Rovira, J. Merino, E. Cera, J. Bruno, J. Quiñones and A. Martínez-Esparza, The oxidative dissolution of unirradiated UO_2 by hydrogen peroxide as a function of pH 345 (2005) 225
- Coad, P., see Tanabe, T. 345 (2005) 89
- Crum, J.V., see Hrma, P. 345 (2005) 19
- Crum, J.V., see Hrma, P. 345 (2005) 31
- Davis, J.W., see Belyaeva, A.I. 345 (2005) 101
- de Pablo, J., see Clarens, F. 345 (2005) 225
- de Pablo, J., see Giménez, J. 345 (2005) 232
- Dmitriev, S.A., see Karlina, O.K. 345 (2005) 84
- Elovich, R.J., see Strachan, D.M. 345 (2005) 109
- Garner, F.A., see Sencer, B.H. 345 (2005) 136
- Gérard, R., see Chaouadi, R. 345 (2005) 65
- Giménez, J., see Clarens, F. 345 (2005) 225
- Giménez, J., F. Clarens, I. Casas, M. Rovira, J. de Pablo and J. Bruno, Oxidation and dissolution of UO_2 in bicarbonate media: Implications for the spent nuclear fuel oxidative dissolution mechanism 345 (2005) 232
- Glugla, M., see Tanabe, T. 345 (2005) 89
- Goll, W., see Walker, C.T. 345 (2005) 192
- Gopalan, P., R. Rajaraman, G. Amarendra, C.S. Sundar, B. Viswanathan, T. Jayakumar, P. Palanichamy and B. Raj, Characterisation of β -quenched and thermally aged Zircaloy-2 by positron annihilation, hardness and ultrasonic velocity measurements 345 (2005) 162
- Grandjean, A. and G. Leturcq, Natural sintering of carbonate powder for use as a carbon-14 immobilization matrix 345 (2005) 11
- Greenwood, L.R., see Hrma, P. 345 (2005) 19
- Greenwood, L.R., see Hrma, P. 345 (2005) 31
- Haasz, A.A., see Belyaeva, A.I. 345 (2005) 101
- Haddad, Kh., Burnup effect on $^{95}\text{Nb}/^{95}\text{Zr}$ ratio-cooling time correlation 345 (2005) 86

- Hamilton, M.L., see Sencer, B.H. 345 (2005) 136
- Hrma, P., J.V. Crum, D.J. Bates, P.R. Bredt, L.R. Greenwood and H.D. Smith, Vitrification and testing of a Hanford high-level waste sample. Part 1: Glass fabrication, and chemical and radiochemical analysis 345 (2005) 19
- Hrma, P., J.V. Crum, P.R. Bredt, L.R. Greenwood, B.W. Arey and H.D. Smith, Vitrification and testing of a Hanford high-level waste sample. Part 2: Phase identification and waste form leachability 345 (2005) 31
- Icenhower, J.P., see Pierce, E.M. 345 (2005) 206
- Icenhower, J.P., see Strachan, D.M. 345 (2005) 109
- Jain, A., K. Ananthasivan, S. Anthonysamy and P.R. Vasudeva Rao, Synthesis and sintering of $(U_{0.72}Ce_{0.28})O_2$ solid solution 345 (2005) 245
- Jayakumar, T., see Gopalan, P. 345 (2005) 162
- Jeong, Y.-H., see Kim, H.-G. 345 (2005) 1
- Jollivet, P. and G. Parisot, Leach testing at 50 °C of α -doped SON68 glass alteration gels 345 (2005) 46
- Jonsson, M., see Abili Nejad, M. 345 (2005) 219
- Karlina, O.K., V.L. Klimov, M.I. Ojovan, G.Yu. Pavlova, S.A. Dmitriev and A.Yu. Yurchenko, Immobilization of carbon-14 from reactor graphite waste by use of self-sustaining reaction in the C–Al–TiO₂ system 345 (2005) 84
- Kashyap, B.P., see Singh, R.N. 345 (2005) 146
- Kato, S., see Tsuchiya, K. 345 (2005) 239
- Kawamura, H., see Tsuchiya, K. 345 (2005) 239
- Kim, H.-G., J.-Y. Park and Y.-H. Jeong, Ex-reactor corrosion and oxide characteristics of Zr–Nb–Fe alloys with the Nb/Fe ratio 345 (2005) 1
- Kishore, R., see Singh, R.N. 345 (2005) 146
- Klimov, V.L., see Karlina, O.K. 345 (2005) 84
- Konovalov, V.G., see Belyaeva, A.I. 345 (2005) 101
- Kozelisky, A.E., see Strachan, D.M. 345 (2005) 109
- Kudlenko, A.D., see Belyaeva, A.I. 345 (2005) 101
- Leturcq, G., see Grandjean, A. 345 (2005) 11
- Maloy, S.A., see Sencer, B.H. 345 (2005) 136
- Manzel, R., see Walker, C.T. 345 (2005) 192
- Martínez-Esparza, A., see Clarens, F. 345 (2005) 225
- Merino, J., see Clarens, F. 345 (2005) 225
- Miya, N., see Tanabe, T. 345 (2005) 89
- Mukherjee, S., see Singh, R.N. 345 (2005) 146
- Mythili, R., S. Saroja, M. Vijayalakshmi and V.S. Raghunathan, Selection of optimum microstructure for improved corrosion resistance in a Ti–5%Ta–1.8%Nb alloy 345 (2005) 167
- Ogorodnikova, O.V., About the validity of analytical approximations for temperature and stress for actively cooled windows during thermal loading 345 (2005) 41
- Ojovan, M.I., see Karlina, O.K. 345 (2005) 84
- Palanichamy, P., see Gopalan, P. 345 (2005) 162
- Pankajavalli, R., K. Ananthasivan, S. Anthonysamy and P.R. Vasudeva Rao, Vapour pressure and standard enthalpy of sublimation of KBF₄ by a TG based transpiration technique 345 (2005) 96
- Papaioannou, D., see Walker, C.T. 345 (2005) 192
- Parisot, G., see Jollivet, P. 345 (2005) 46
- Park, J.-Y., see Kim, H.-G. 345 (2005) 1
- Pavlova, G.Yu., see Karlina, O.K. 345 (2005) 84
- Pierce, E.M., J.P. Icenhower, R.J. Serne and J.G. Catalano, Experimental determination of UO₂(cr) dissolution kinetics: Effects of solution saturation state and pH 345 (2005) 206
- Poon, M., see Belyaeva, A.I. 345 (2005) 101
- Quiñones, J., see Clarens, F. 345 (2005) 225
- Raghunathan, V.S., see Mythili, R. 345 (2005) 167
- Raj, B., see Gopalan, P. 345 (2005) 162
- Rajaraman, R., see Gopalan, P. 345 (2005) 162
- Rondinella, V.V., see Walker, C.T. 345 (2005) 192
- Rovira, M., see Clarens, F. 345 (2005) 225
- Rovira, M., see Giménez, J. 345 (2005) 232
- Saroja, S., see Mythili, R. 345 (2005) 167
- Scheele, R.D., see Strachan, D.M. 345 (2005) 109
- Sell, R.L., see Strachan, D.M. 345 (2005) 109
- Sencer, B.H., S.A. Maloy, M.L. Hamilton and F.A. Garner, Microstructural evolution of both as-irradiated and subsequently deformed microstructures of 316 L stainless steel irradiated at 30–160 °C at LANSCE 345 (2005) 136
- Serne, R.J., see Pierce, E.M. 345 (2005) 206
- Singh, R.N., S. Mukherjee, R. Kishore and B.P. Kashyap, Flow behaviour of a modified Zr–2.5wt%Nb pressure tube alloy 345 (2005) 146
- Slatin, K.A., see Belyaeva, A.I. 345 (2005) 101

- Smith, H.D., see Hrma, P. 345 (2005) 19
 Smith, H.D., see Hrma, P. 345 (2005) 31
 Steiner, H., Modeling of boron carbide oxidation in steam 345 (2005) 75
 Strachan, D.M., R.D. Scheele, E.C. Buck, J.P. Icenhower, A.E. Koze-lisky, R.L. Sell, R.J. Elovich and W.C. Buchmiller, Radiation damage effects in candidate titanates for Pu disposition: Pyrochlore 345 (2005) 109
 Sugiyama, K., see Tanabe, T. 345 (2005) 89
 Sundar, C.S., see Gopalan, P. 345 (2005) 162
- Takayama, T., see Tsuchiya, K. 345 (2005) 239
 Tan, X., see Wang, X. 345 (2005) 184
 Tanabe, T., K. Sugiyama, P. Coad, N. Bekris, M. Glugla and N. Miya, Comparison of tritium retention and carbon deposition in JET and JT-60U 345 (2005) 89
 Tsuchiya, K., H. Kawamura, T. Takayama and S. Kato, Control of particle size and density of Li_2TiO_3 pebbles fabricated by indirect wet processes 345 (2005) 239
- Voitsenya, V.S., see Belyaeva, A.I. 345 (2005) 101
 Vasudeva Rao, P.R., see Jain, A. 345 (2005) 245
 Vasudeva Rao, P.R., see Pankajavalli, R. 345 (2005) 96
 Vijayalakshmi, M., see Mythili, R. 345 (2005) 167
 Viswanathan, B., see Gopalan, P. 345 (2005) 162
- Walker, C.T., V.V. Rondinella, D. Pappaioannou, S.V. Winckel, W. Goll and R. Manzel, On the oxidation state of UO_2 nuclear fuel at a burn-up of around 100 MWd/kgHM 345 (2005) 192
 Wang, X., X. Tan, C. Chen and L. Chen, The concentration and pH dependent diffusion of ^{137}Cs in compacted bentonite by using capillary method 345 (2005) 184
 Winckel, S.V., see Walker, C.T. 345 (2005) 192
- Yurchenko, A.Yu., see Karlina, O.K. 345 (2005) 84