

Author index

- Akbari, F., see Lewis, B.J. 340 (2005) 69
- Ali (Basu), M., S.R. Bharadwaj and D. Das, Delineation of phase fields at the Te-rich end of the Ru–Te binary system 340 (2005) 214
- Anghel, C., G. Hultquist and M. Limbäck, Influence of Pt, Fe/Ni/Cr-containing intermetallics and deuterium on the oxidation of Zr-based materials 340 (2005) 271
- Arai, Y., see Kato, T. 340 (2005) 259
- Arunachalam, J., see Shekhar, R. 340 (2005) 284
- Baciero, A., see McCarthy, K.J. 340 (2005) 291
- Bart, G., see Hellwig, Ch. 340 (2005) 163
- Basak, C.B., see Kutty, T.R.G. 340 (2005) 113
- Bharadwaj, S.R., see Ali (Basu), M. 340 (2005) 214
- Boizot, B., see Ollier, N. 340 (2005) 209
- Castaño, M.L., see Onchi, T. 340 (2005) 219
- Choi, B.-K., see Park, J.-Y. 340 (2005) 237
- Das, D., see Ali (Basu), M. 340 (2005) 214
- Datta, R., see Million, K. 340 (2005) 25
- Dohi, K., see Onchi, T. 340 (2005) 219
- El-Genk, M.S. and J.-M. Tournier, A review of refractory metal alloys and mechanically alloyed-oxide dispersion strengthened steels for space nuclear power systems 340 (2005) 93
- Frank, H., Influence of annealing in air on transport properties of long-time oxidized layers of zirconium alloys 340 (2005) 119
- Fujii, K., K. Fukuya, N. Nakata, K. Hono, Y. Nagai and M. Hasegawa, Hardening and microstructural evolution in A533B steels under high-dose electron irradiation 340 (2005) 247
- Fukuya, K., see Fujii, K. 340 (2005) 247
- Gaweł, W. and A. Górnjak, Phase diagram and thermodynamic properties of the system $MnCl_2$ – UCl_4 , prediction and investigation results 340 (2005) 64
- Ghaleb, D., see Ollier, N. 340 (2005) 209
- Glatz, J.-P., see Serp, J. 340 (2005) 266
- Gopalan, B., see Shekhar, R. 340 (2005) 284
- Górnjak, A., see Gaweł, W. 340 (2005) 64
- Hand, R.J., see Ojovan, M.I. 340 (2005) 12
- Hand, R.J., see Short, R.J. 340 (2005) 179
- Haschke, J.M., Self-reduction of dioxo-plutonium VI: Characterization and modeling of radiolytic and disproportionation pathways 340 (2005) 299
- Hasegawa, M., see Fujii, K. 340 (2005) 247
- Hellwig, Ch., M. Pouchon, R. Restani, F. Ingold and G. Bart, Fabrication and microstructure characterization of inert matrix fuel based on yttria stabilized zirconia 340 (2005) 163
- Hong, S.-G. and S.-B. Lee, Mechanism of dynamic strain aging and characterization of its effect on the low-cycle fatigue behavior in type 316L stainless steel 340 (2005) 307
- Hong, S.I. and K.W. Lee, Stress-induced reorientation of hydrides and mechanical properties of Zircaloy-4 cladding tubes 340 (2005) 203
- Hono, K., see Fujii, K. 340 (2005) 247
- Hsu, C.-H. and H.-Y. Teng, Temperature effects on the static and dynamic fracture behaviors of low-silicon CA-15 tempered stainless steel castings 340 (2005) 1
- Hultquist, G., see Anghel, C. 340 (2005) 271
- Husain, A., see Lewis, B.J. 340 (2005) 69
- Hyatt, N.C., see Short, R.J. 340 (2005) 179
- Ibarra, A., see McCarthy, K.J. 340 (2005) 291
- Icenhower, J.P., see Wellman, D.M. 340 (2005) 149
- Iizuka, M., see Kato, T. 340 (2005) 259
- Ingold, F., see Hellwig, Ch. 340 (2005) 163
- Inoue, T., see Kato, T. 340 (2005) 259
- Inoue, T., see Sakamura, Y. 340 (2005) 39
- Iwai, T., see Kato, T. 340 (2005) 259
- Iwai, T., see Sakamura, Y. 340 (2005) 39

- Jeong, Y.H., see Park, J.-Y. 340 (2005) 237
- Jumel, S. and J.C. Van-Duysen, RPV-1: A Virtual Test Reactor to simulate irradiation effects in light water reactor pressure vessel steels 340 (2005) 125
- Jung, Y.-H., see Park, J.-Y. 340 (2005) 237
- Jung, Y.H., see Yang, J.H. 340 (2005) 171
- Kalinin, G., see Yamada, H. 340 (2005) 57
- Kamath, H.S., see Kutty, T.R.G. 340 (2005) 113
- Kang, K.W., see Yang, J.H. 340 (2005) 171
- Katayama, K., T. Takeishi, Y. Manabe, H. Nagase, M. Nishikawa and N. Miya, Tritium release behavior from the graphite tiles used at the dome unit of the W-shaped divertor region in JT-60U 340 (2005) 83
- Kato, T., M. Iizuka, T. Inoue, T. Iwai and Y. Arai, Distillation of cadmium from uranium-plutonium-cadmium alloy 340 (2005) 259
- Kawamura, H., see Yamada, H. 340 (2005) 57
- Khan, K.B., see Kutty, T.R.G. 340 (2005) 113
- Kim, K.S., see Yang, J.H. 340 (2005) 171
- Kutty, P.S., see Kutty, T.R.G. 340 (2005) 113
- Kutty, T.R.G., K.B. Khan, P.S. Kutty, C.B. Basak, A.K. Sengupta, R.S. Mehrotra, S. Majumdar and H.S. Kamath, Densification behaviour and sintering kinetics of (U_{0.45}Pu_{0.55})C pellets 340 (2005) 113
- Lee, K.W., see Hong, S.I. 340 (2005) 203
- Lee, S.-B., see Hong, S.-G. 340 (2005) 307
- Lee, W.E., see Ojovan, M.I. 340 (2005) 12
- Lefebvre, P., see Serp, J. 340 (2005) 266
- Lewis, B.J., W.T. Thompson, F. Akbari, C. Morrison and A. Husain, Thermodynamic considerations and prediction of the primary coolant activity of ⁹⁹Tc 340 (2005) 69
- Limbäck, M., see Anghel, C. 340 (2005) 271
- López, J.G., see McCarthy, K.J. 340 (2005) 291
- Majumdar, S., see Kutty, T.R.G. 340 (2005) 113
- Malmbeck, R., see Serp, J. 340 (2005) 266
- Manabe, Y., see Katayama, K. 340 (2005) 83
- McCarthy, K.J., J.G. López, D.J. Rey, B. Zurro, A. Ibarra, A. Baciero and M.A. Respaldiza, The response of several luminescent materials to keV and MeV ions 340 (2005) 291
- Mehrotra, R.S., see Kutty, T.R.G. 340 (2005) 113
- Million, K., R. Datta and H. Zimmermann, Effects of heat input on the microstructure and toughness of the 8 MnMoNi 5 5 shape-welded nuclear steel 340 (2005) 25
- Miya, N., see Katayama, K. 340 (2005) 83
- Möbus, G., see Short, R.J. 340 (2005) 179
- Moriyama, H., see Sakamura, Y. 340 (2005) 39
- Morrison, C., see Lewis, B.J. 340 (2005) 69
- Nagai, Y., see Fujii, K. 340 (2005) 247
- Nagao, Y., see Yamada, H. 340 (2005) 57
- Nagase, H., see Katayama, K. 340 (2005) 83
- Nakamura, A., see Wang, J. 340 (2005) 33
- Nakata, N., see Fujii, K. 340 (2005) 247
- Navas, M., see Onchi, T. 340 (2005) 219
- Nishikawa, M., see Katayama, K. 340 (2005) 83
- Nishikawa, M., see Yamada, H. 340 (2005) 57
- Ojovan, M.I., R.J. Hand, N.V. Ojovan and W.E. Lee, Corrosion of alkali-borosilicate waste glass K-26 in non-saturated conditions 340 (2005) 12
- Ojovan, N.V., see Ojovan, M.I. 340 (2005) 12
- Ollier, N., B. Boizot, B. Reynard, D. Ghaleb and G. Petite, Analysis of molecular oxygen formation in irradiated glasses: a Raman depth profile study 340 (2005) 209
- Onchi, T., K. Dohi, N. Soneda, M. Navas and M.L. Castaño, Mechanism of irradiation assisted stress corrosion crack initiation in thermally sensitized 304 stainless steel 340 (2005) 219
- Park, J.-Y., B.-K. Choi, Y.H. Jeong and Y.-H. Jung, Corrosion behavior of Zr alloys with a high Nb content 340 (2005) 237
- Petite, G., see Ollier, N. 340 (2005) 209
- Pouchon, M., see Hellwig, Ch. 340 (2005) 163
- Radha Krishna, G., see Shekhar, R. 340 (2005) 284
- Ravindra, H.R., see Shekhar, R. 340 (2005) 284
- Rebizant, J., see Serp, J. 340 (2005) 266
- Respaldiza, M.A., see McCarthy, K.J. 340 (2005) 291
- Restani, R., see Hellwig, Ch. 340 (2005) 163
- Rey, D.J., see McCarthy, K.J. 340 (2005) 291
- Reynard, B., see Ollier, N. 340 (2005) 209
- Sakamura, Y., T. Inoue, T. Iwai and H. Moriyama, Chlorination of UO₂, PuO₂ and rare earth oxides using ZrCl₄ in LiCl-KCl eutectic melt 340 (2005) 39
- Sengupta, A.K., see Kutty, T.R.G. 340 (2005) 113
- Serp, J., P. Lefebvre, R. Malmbeck, J. Rebizant, P. Vallet and J.-P. Glatz, Separation of plutonium from lanthanum by electrolysis in LiCl-KCl onto molten bismuth electrode 340 (2005) 266

- Shekhar, R., J. Arunachalam, G. Radha Krishna, H.R. Ravindra and B. Gopalan, Determination of boron in Zr-Nb alloys by glow discharge quadrupole mass spectrometry 340 (2005) 284
- Shishido, T., see Wang, J. 340 (2005) 52
- Short, R.J., R.J. Hand, N.C. Hyatt and G. Möbus, Environment and oxidation state of molybdenum in simulated high level nuclear waste glass compositions 340 (2005) 179
- Snead, L.L., S.J. Zinkle and D.P. White, Thermal conductivity degradation of ceramic materials due to low temperature, low dose neutron irradiation 340 (2005) 187
- Soneda, N., see Onchi, T. 340 (2005) 219
- Song, K.W., see Yang, J.H. 340 (2005) 171
- Takada, F., see Yamada, H. 340 (2005) 57
- Takeda, M., see Wang, J. 340 (2005) 33
- Takeda, M., see Wang, J. 340 (2005) 52
- Takeishi, T., see Katayama, K. 340 (2005) 83
- Teng, H.-Y., see Hsu, C.-H. 340 (2005) 1
- Thompson, W.T., see Lewis, B.J. 340 (2005) 69
- Tournier, J.-M., see El-Genk, M.S. 340 (2005) 93
- Tsuchiya, K., see Yamada, H. 340 (2005) 57
- Vallet, P., see Serp, J. 340 (2005) 266
- Van-Duysen, J.C., see Jumel, S. 340 (2005) 125
- Wang, J., M. Takeda and A. Nakamura, Influence on the structural characteristic of defect solid solution $Gd_xZr_{1-x}O_{2-x/2}$ with $0.18 \leq x \leq 0.62$ under longer term annealing studied by ^{155}Gd Mössbauer spectroscopy 340 (2005) 33
- Wang, J., M. Takeda and T. Shishido, Development and evaluation of a new $^{155}Eu/^{154}SmPd_3$ source for use with ^{155}Gd Mössbauer spectroscopy 340 (2005) 52
- Weber, W.J., see Wellman, D.M. 340 (2005) 149
- Wellman, D.M., J.P. Icenhower and W.J. Weber, Elemental dissolution study of Pu-bearing borosilicate glasses 340 (2005) 149
- White, D.P., see Snead, L.L. 340 (2005) 187
- Yamada, H., H. Kawamura, K. Tsuchiya, G. Kalinin, Y. Nagao, F. Takada and M. Nishikawa, The effect of neutron irradiation on mechanical properties of YAG laser weldments using previously irradiated material 340 (2005) 57
- Yang, J.H., K.S. Kim, K.W. Kang, K.W. Song and Y.H. Jung, Electrical conductivity and non-stoichiometry in the $(U,Gd)O_{2\pm x}$ system 340 (2005) 171
- Zimmermann, H., see Million, K. 340 (2005) 25
- Zinkle, S.J., see Snead, L.L. 340 (2005) 187
- Zurro, B., see McCarthy, K.J. 340 (2005) 291