

Author index

- Allen, T.R., J.I. Cole, J. Gan, G.S. Was, R. Dropek and E.A. Kenik, Swelling and radiation-induced segregation in austenitic alloys 342 (2005) 90
 Ayral, A., see Rebiscoul, D. 342 (2005) 26
- Baldwin, M.J., see Doerner, R.P. 342 (2005) 63
 Bilde-Sørensen, J.B., see Edwards, D.J. 342 (2005) 164
 Broeders, C.H.M., A.Yu. Konobeyev and C. Villagrasa, Neutron displacement cross-sections for tantalum and tungsten at energies up to 1 GeV 342 (2005) 68
 Brykin, M., see Manara, D. 342 (2005) 148
- Causey, R.A., see Doerner, R.P. 342 (2005) 63
 Chen, Y., see Zhang, J. 342 (2005) 1
 Cole, J.I., see Allen, T.R. 342 (2005) 90
 Colegrave, D., see Senanayake, S.D. 342 (2005) 179
 Contreras, S., see Fabre, A. 342 (2005) 101
- Dafferner, B., see Rieth, M. 342 (2005) 20
 Decamps, B., see Fabre, A. 342 (2005) 101
 Demoment, J., see Fabre, A. 342 (2005) 101
 Doerner, R.P., M.J. Baldwin and R.A. Causey, Beryllium–tungsten mixed-material interactions 342 (2005) 63
 Dropek, R., see Allen, T.R. 342 (2005) 90
- Edwards, D.J., B.N. Singh and J.B. Bilde-Sørensen, Initiation and propagation of cleared channels in neutron-irradiated pure copper and a precipitation hardened CuCrZr alloy 342 (2005) 164
- Fabre, A., B. Decamps, E. Finot, J.M. Penisson, J. Demoment, S. Thiebaut, S. Contreras and A. Percheron-Guegan, On the correlation between mechanical and TEM studies of the aging of palladium during tritium storage 342 (2005) 101
 Finot, E., see Fabre, A. 342 (2005) 101
 Foreman, R.J., see Hodge, A.M. 342 (2005) 8
 Frank, S.M., see Medvedev, P.G. 342 (2005) 48
 Frugier, P., see Rebiscoul, D. 342 (2005) 26
- Gallegos, G.F., see Hodge, A.M. 342 (2005) 8
 Gan, J., see Allen, T.R. 342 (2005) 90
 Gin, S., see Rebiscoul, D. 342 (2005) 26
 González, R.O. and L.M. Gribaudo, Analysis of controversial zones of the Zr–Cr equilibrium diagram 342 (2005) 14
 Gribaudo, L.M., see González, R.O. 342 (2005) 14
 Gurovich, B.A., see Kuleshova, E.A. 342 (2005) 77
- Hodge, A.M., R.J. Foreman and G.F. Gallegos, Residual stress analysis in thick uranium films 342 (2005) 8
 Hopf, C. and W. Jacob, Bombardment of graphite with hydrogen isotopes: A model for the energy dependence of the chemical sputtering yield 342 (2005) 141
 Hou, M., see Kulikov, D. 342 (2005) 131
- Idriss, H., see Senanayake, S.D. 342 (2005) 179
- Jacob, W., see Hopf, C. 342 (2005) 141
- Kenik, E.A., see Allen, T.R. 342 (2005) 90
 Kim, D.-J., Y.-W. Lee and Y.-S. Kim, The thermal conductivity and lattice parameter measurements in a low Ce content (U_{1-y}Ce_y)O₂ mixed oxide 342 (2005) 192
 Kim, H.-S., see Kim, S.-H. 342 (2005) 119
 Kim, S.-H., Y.-G. Kim, H.-S. Kim, S.-H. Na, Y.-W. Lee and D.-S. Suhr, Thermal conductivity of near-stoichiometric (U, Er)O₂ solid solutions 342 (2005) 119
 Kim, Y.-G., see Kim, S.-H. 342 (2005) 119

- Kim, Y.-S., see Kim, D.-J. 342 (2005) 192
- Koike, M.H., Erosion-corrosion of stainless steel pipes under two-phase flow with steam quality 26% 342 (2005) 125
- Konobeyev, A.Yu., see Broeders, C.H.M. 342 (2005) 68
- Kuleshova, E.A., B.A. Gurovich, Ya.I. Shtrombakh, Yu.A. Nikolaev and V.A. Pechenkin, Microstructural behavior of VVER-440 reactor pressure vessel steels under irradiation to neutron fluences beyond the design operation period 342 (2005) 77
- Kulikov, D. and M. Hou, Vacancy dislocation loops in zirconium and their interaction with self-interstitial atoms 342 (2005) 131
- Lee, Y.-W., see Kim, D.-J. 342 (2005) 192
- Lee, Y.-W., see Kim, S.-H. 342 (2005) 119
- Lewis, M., see Manara, D. 342 (2005) 148
- Li, N., see Zhang, J. 342 (2005) 1
- Li, S.-S., see Wang, X.-S. 342 (2005) 42
- Manara, D., C. Ronchi, M. Sheindlin, M. Lewis and M. Brykin, Melting of stoichiometric and hyperstoichiometric uranium dioxide 342 (2005) 148
- Marini, B., see Obrtlik, K. 342 (2005) 35
- Medvedev, P.G., S.M. Frank, T.P. O'Holleran and M.K. Meyer, Dual phase MgO-ZrO₂ ceramics for use in LWR inert matrix fuel 342 (2005) 48
- Meyer, M.K., see Medvedev, P.G. 342 (2005) 48
- Na, S.-H., see Kim, S.-H. 342 (2005) 119
- Nikolaev, Yu.A., see Kuleshova, E.A. 342 (2005) 77
- Obrtlik, K., C.F. Robertson and B. Marini, Dislocation structures in 16MND5 pressure vessel steel strained in uniaxial tension 342 (2005) 35
- O'Holleran, T.P., see Medvedev, P.G. 342 (2005) 48
- Pechenkin, V.A., see Kuleshova, E.A. 342 (2005) 77
- Penisson, J.M., see Fabre, A. 342 (2005) 101
- Percheron-Guegan, A., see Fabre, A. 342 (2005) 101
- Pijolat, M., see Tupin, M. 342 (2005) 108
- Rebiscoul, D., P. Frugier, S. Gin and A. Ayral, Protective properties and dissolution ability of the gel formed during nuclear glass alteration 342 (2005) 26
- Rieth, M. and B. Dafferner, Limitations of W and W-1%La₂O₃ for use as structural materials 342 (2005) 20
- Robertson, C.F., see Obrtlik, K. 342 (2005) 35
- Ronchi, C., see Manara, D. 342 (2005) 148
- Rousseau, R., see Senanayake, S.D. 342 (2005) 179
- Semenov, A.A. and C.H. Woo, Void concentration for heterogeneous microstructure development in annealed metals 342 (2005) 188
- Senanayake, S.D., R. Rousseau, D. Colegrave and H. Idriss, The reaction of water on polycrystalline UO₂: Pathways to surface and bulk oxidation 342 (2005) 179
- Sheindlin, M., see Manara, D. 342 (2005) 148
- Shtrombakh, Ya.I., see Kuleshova, E.A. 342 (2005) 77
- Singh, B.N., see Edwards, D.J. 342 (2005) 164
- Soustelle, M., see Tupin, M. 342 (2005) 108
- Suhr, D.-S., see Kim, S.-H. 342 (2005) 119
- Thiebaut, S., see Fabre, A. 342 (2005) 101
- Tupin, M., M. Pijolat, F. Valdivieso and M. Soustelle, Oxidation kinetics of ZrNbO in steam: Differences between the pre- and post-transition stages 342 (2005) 108
- Valdivieso, F., see Tupin, M. 342 (2005) 108
- Villagrasa, C., see Broeders, C.H.M. 342 (2005) 68
- Wang, Q.-Y., see Wang, X.-S. 342 (2005) 42
- Wang, X.-S., S.-S. Li, Q.-Y. Wang and Y. Xu, Effect of the fabrication process on fatigue performance of U₃Si₂ fuel plate with sandwich structure 342 (2005) 42
- Was, G.S., see Allen, T.R. 342 (2005) 90
- Woo, C.H., see Semenov, A.A. 342 (2005) 188
- Xu, Y., see Wang, X.-S. 342 (2005) 42
- Zhang, J., N. Li and Y. Chen, Dynamics of high-temperature oxidation accompanied by scale removal and implications for technological applications 342 (2005) 1