

Author index

- Adhe, K.N., see Kain, V. 334 (2004) 115
- Albert, S.K., see Bhaduri, A.K. 334 (2004) 109
- Alvarez-Armas, I. and S. Hereñú, Influence of dynamic strain aging on the dislocation structure developed in Zircaloy-4 during low-cycle fatigue 334 (2004) 180
- Asokkumar, S., see Bhaduri, A.K. 334 (2004) 109
- Bakker, K., see Ichimura, E. 334 (2004) 149
- Bhaduri, A.K., R. Indira, S.K. Albert, B.P.S. Rao, S.C. Jain and S. Asokkumar, Selection of hardfacing material for components of the Indian Prototype Fast Breeder Reactor 334 (2004) 109
- Böhmert, J., see Gokhman, A. 334 (2004) 195
- Böhmert, J., H.-W. Viehriig and A. Ulbricht, Correlation between irradiation-induced changes of microstructural parameters and mechanical properties of RPV steels 334 (2004) 71
- Borgstedt, H.U., see Ganesan, V. 334 (2004) 217
- Capocchi, J.D.T., see Guisard Restivo, T.A. 334 (2004) 189
- Chandra, K., see Kain, V. 334 (2004) 115
- Chandramohan, P., see Subramanian, V. 334 (2004) 169
- Chen, J.M., S.Y. Qiu, T. Muroga, Y. Xu, T. Nagasaka, Y. Chen, Y. Deng and Z.Y. Xu, The hydrogen-induced ductility loss and strengthening of V-base alloys 334 (2004) 143
- Chen, J.M., T. Muroga, T. Nagasaka, Y. Xu, C. Li, S.Y. Qiu and Y. Chen, Precipitation behavior in V-6W-4Ti, V-4Ti and V-4Cr-4Ti alloys 334 (2004) 159
- Chen, Y., see Chen, J.M. 334 (2004) 143
- Chen, Y., see Chen, J.M. 334 (2004) 159
- Chuto, T., N. Yamamoto, Y. Murase and J. Nagakawa, Creep properties of a reduced activation 9Cr3WVTaB martensitic steel after helium implantation 334 (2004) 104
- Colarieti Tosti, M., see Eckle, M. 334 (2004) 1
- Cottrell, G.A., Sigma phase formation in irradiated tungsten, tantalum and molybdenum in a fusion power plant 334 (2004) 166
- Dalard, F., see Le Canut, J.-M. 334 (2004) 13
- Damen, P.M.G., see Wiss, T.A.G. 334 (2004) 47
- De, P.K., see Kain, V. 334 (2004) 115
- Deng, Y., see Chen, J.M. 334 (2004) 143
- Eckle, M., R. Eloirdi, T. Gouder, M. Colarieti Tosti, F. Wastin and J. Rebizant, Electronic structure of UC_x films prepared by sputter co-deposition 334 (2004) 1
- Ekeroth, E., M. Jonsson, T.E. Eriksen, K. Ljungqvist, S. Kovács and I. Puigdomenech, Reduction of UO_2^{2+} by H_2 334 (2004) 35
- Eloirdi, R., see Eckle, M. 334 (2004) 1
- Eriksen, T.E., see Ekeroth, E. 334 (2004) 35
- Evans, J.H., Breakaway bubble growth during the annealing of helium bubbles in metals 334 (2004) 40
- Ganesan, V., V. Ganesan and H.U. Borgstedt, Authors's reply to 'Generation of surface degraded layer on austenitic stainless steel piping exposed to flowing sodium in a loop: inter comparison of long term exposure data', by S. Rajendran Pillai 334 (2004) 217
- Ganesan, V., see Ganesan, V. 334 (2004) 217
- Gokhman, A., J. Böhmert and A. Ulbricht, Multi-component clustering in VVER-type pressure vessel steels – thermodynamic aspects and impact on SANS 334 (2004) 195
- Gouder, T., see Eckle, M. 334 (2004) 1
- Guisard Restivo, T.A. and J.D.T. Capocchi, Carbothermic reduction of uranium oxides into solvent metallic baths 334 (2004) 189
- Haschke, J.M., Author's reply to 'Comment on 'Plutonium chemistry: a synthesis of experimental data and a quantitative model for plutonium oxide solubility' by J.M. Haschke and V.M. Oversby' 334 (2004) 225
- Hereñú, S., see Alvarez-Armas, I. 334 (2004) 180
- Hiernaut, J.-P., see Wiss, T.A.G. 334 (2004) 47

- Hiernaut, J.P. and C. Ronchi, Curium vaporization from $(\text{Cm,Pu})_2\text{O}_3$ and from irradiated oxide fuel: Mass spectrometric measurement 334 (2004) 133
- Hobart, D.E., see Newton, T.W. 334 (2004) 222
- Hopf, C., see Roth, J. 334 (2004) 97
- Ichimura, E., N. Takaki, R.P.C. Schram, R. Klein Meulekamp and K. Bakker, Iodine transmutation studies using metal iodide targets 334 (2004) 149
- Indira, R., see Bhaduri, A.K. 334 (2004) 109
- Iwata, T., see Yagi, E. 334 (2004) 9
- Jain, S.C., see Bhaduri, A.K. 334 (2004) 109
- Jonsson, M., see Ekeroth, E. 334 (2004) 35
- Jonsson, M., see Nejad, M.A. 334 (2004) 28
- Kain, V., K. Chandra, K.N. Adhe and P.K. De, Effect of cold work on low-temperature sensitization behaviour of austenitic stainless steels 334 (2004) 115
- Kaniyankandy, S., see Pillai, C.G.S. 334 (2004) 139
- Kasar, U.M., see Keskar, M. 334 (2004) 207
- Keinonen, J., see Träskelin, P. 334 (2004) 65
- Keskar, M., U.M. Kasar, K.S. Mudher and V. Venugopal, Solid state reactions of CeO_2 , PuO_2 , $(\text{U,Ce})\text{O}_2$ and $(\text{U,Pu})\text{O}_2$ with $\text{K}_2\text{S}_2\text{O}_8$ 334 (2004) 207
- Kinoshita, H., M. Uno and S. Yamana, Stability evaluation of fluorite structure phase in $\text{PuO}_2\text{-UO}_2\text{-ZrO}_2$ system by thermodynamic modelling 334 (2004) 90
- Klein Meulekamp, R., see Ichimura, E. 334 (2004) 149
- Kovács, S., see Ekeroth, E. 334 (2004) 35
- Kulshreshtha, S.K., see Pillai, C.G.S. 334 (2004) 139
- Le Canut, J.-M., S. Maximovitch and F. Dalard, Electrochemical characterisation of nickel-based alloys in sulphate solutions at 320 °C 334 (2004) 13
- Li, C., see Chen, J.M. 334 (2004) 159
- Li, H., see Lin, J. 334 (2004) 200
- Lin, J., H. Li, C. Nam and J.A. Szpunar, Analysis on volume fraction and crystal orientation relationship of monoclinic and tetragonal oxide grown on Zr-2.5Nb alloy 334 (2004) 200
- Ljungqvist, K., see Ekeroth, E. 334 (2004) 35
- Maki, J.T., see Miller, G.K. 334 (2004) 79
- Maximovitch, S., see Le Canut, J.-M. 334 (2004) 13
- Miller, G.K., D.A. Petti and J.T. Maki, Consideration of the effects of partial debonding of the IPyC and particle asphericity on TRISO-coated fuel behavior 334 (2004) 79
- Mudher, K.S., see Keskar, M. 334 (2004) 207
- Murase, Y., see Chuto, T. 334 (2004) 104
- Muroga, T., see Chen, J.M. 334 (2004) 143
- Muroga, T., see Chen, J.M. 334 (2004) 159
- Nagakawa, J., see Chuto, T. 334 (2004) 104
- Nagasaka, T., see Chen, J.M. 334 (2004) 143
- Nagasaka, T., see Chen, J.M. 334 (2004) 159
- Nam, C., see Lin, J. 334 (2004) 200
- Narasimhan, S.V., see Subramanian, V. 334 (2004) 169
- Nejad, M.A. and M. Jonsson, Reactivity of hydrogen peroxide towards Fe_3O_4 , Fe_2CoO_4 and Fe_2NiO_4 334 (2004) 28
- Newton, T.W. and D.E. Hobart, Comment on 'Plutonium chemistry: a synthesis of experimental data and a quantitative model for plutonium oxide solubility' by J.M. Haschke and V.M. Oversby 334 (2004) 222
- Nordlund, K., see Träskelin, P. 334 (2004) 65
- Ogiwara, K., see Yagi, E. 334 (2004) 9
- Petti, D.A., see Miller, G.K. 334 (2004) 79
- Pillai, C.G.S., S. Kaniyankandy and S.K. Kulshreshtha, Thermal conductivity of strontium uranates 334 (2004) 139
- Puigdomenech, I., see Ekeroth, E. 334 (2004) 35
- Qiu, S.Y., see Chen, J.M. 334 (2004) 143
- Qiu, S.Y., see Chen, J.M. 334 (2004) 159
- Rajendran Pillai, S., Generation of surface degraded layer on austenitic stainless steel piping exposed to flowing sodium in a loop: inter-comparison of long-term exposure data 334 (2004) 214
- Raju, V.S., see Subramanian, V. 334 (2004) 169
- Rao, B.P.S., see Bhaduri, A.K. 334 (2004) 109
- Rebizant, J., see Eckle, M. 334 (2004) 1
- Ronchi, C., see Hiernaut, J.P. 334 (2004) 133
- Ronchi, C., see Wiss, T.A.G. 334 (2004) 47
- Roth, J. and C. Hopf, Sticking coefficient and surface loss probability of eroded species during bombardment of carbon with deuterium 334 (2004) 97
- Salonen, E., see Träskelin, P. 334 (2004) 65
- Schram, R.P.C., see Ichimura, E. 334 (2004) 149
- Srinivasan, M.P., see Subramanian, V. 334 (2004) 169
- Steinbrück, M., Hydrogen absorption by zirconium alloys at high temperatures 334 (2004) 58
- Subramanian, V., P. Chandramohan, M.P. Srinivasan, A.A. Sukumar, V.S. Raju, S. Velmurugan and S.V. Narasimhan, The effect of conditioning by permanganate on the dissolution behavior of stellite particles in organic complexing acid medium 334 (2004) 169

Sukumar, A.A., see Subramanian, V.	334 (2004) 169	Wastin, F., see Eckle, M.	334 (2004) 1
Szpunar, J.A., see Lin, J.	334 (2004) 200	Wiss, T.A.G., P.M.G. Damen, J.-P. Hiernaut and C. Ronchi, Helium and xenon behaviour in irradiated Am-containing MgAl ₂ O ₄ (reactor experiment EFTTRA-T4)	334 (2004) 47
Takaki, N., see Ichimura, E.	334 (2004) 149	Wu, C.H., see Träskelin, P.	334 (2004) 65
Träskelin, P., E. Salonen, K. Nordlund, J. Keinonen and C.H. Wu, Molecular dynamics simulations of CH ₃ sticking on carbon surfaces, angular and energy dependence	334 (2004) 65	Xu, Y., see Chen, J.M.	334 (2004) 143
Ulbricht, A., see Böhmert, J.	334 (2004) 71	Xu, Y., see Chen, J.M.	334 (2004) 159
Ulbricht, A., see Gokhman, A.	334 (2004) 195	Xu, Z.Y., see Chen, J.M.	334 (2004) 143
Uno, M., see Kinoshita, H.	334 (2004) 90	Yagi, E., T. Iwata, T. Urai and K. Ogiwara, Channelling studies on the lattice location of B atoms in graphite	334 (2004) 9
Urai, T., see Yagi, E.	334 (2004) 9	Yamamoto, N., see Chuto, T.	334 (2004) 104
Velmurugan, S., see Subramanian, V.	334 (2004) 169	Yamanaka, S., see Kinoshita, H.	334 (2004) 90
Venugopal, V., see Keskar, M.	334 (2004) 207		
Viehrig, H.-W., see Böhmert, J.	334 (2004) 71		