



Author index

- Albert, S.K., see Sudha, C. 302 (2002) 193
Archambault, P., see Gey, N. 302 (2002) 175
Arias, D., see Granovsky, M.S. 302 (2002) 1
- Bae, D.-S., H. Kinoshita and H. Takahashi, HVEM irradiation damage in heat affected zone of welded SUS304 steel 302 (2002) 60
Barbu, A., see Duparc, A.H. 302 (2002) 143
Bechade, J.L., see Gey, N. 302 (2002) 175
Bekris, N., see Venhaus, T.J. 302 (2002) 224
Bernard, L.C., J.L. Jacoud and P. Vesco, An efficient model for the analysis of fission gas release 302 (2002) 125
Busby, J.T., G.S. Was and E.A. Kenik, Isolating the effect of radiation-induced segregation in irradiation-assisted stress corrosion cracking of austenitic stainless steels 302 (2002) 20
- Canay, M., see Granovsky, M.S. 302 (2002) 1
Causey, R.A., see Venhaus, T.J. 302 (2002) 224
Cerqueira, A., see Gey, N. 302 (2002) 175
Chen, J., S. Qiu, L. Yang, Z. Xu, Y. Deng and Y. Xu, Effects of oxygen, hydrogen and neutron irradiation on the mechanical properties of several vanadium alloys 302 (2002) 135
Cottrell, G.A., Void migration in fusion materials 302 (2002) 220
- Deng, Y., see Chen, J. 302 (2002) 135
Duparc, A.H., C. Moingeon, N. Smetniansky-de-Grande and A. Barbu, Microstructure modelling of ferritic alloys under high flux 1 MeV electron irradiations 302 (2002) 143
- Gautier, E., see Gey, N. 302 (2002) 175
Gey, N., E. Gautier, M. Humbert, A. Cerqueira, J.L. Bechade and P. Archambault, Study of the α/β phase transformation of Zy-4 in presence of applied stresses at heating: analysis of the inherited microstructures and textures 302 (2002) 175
Granovsky, M.S., M. Canay, E. Lena and D. Arias, Experimental investigation of the Zr corner of the ternary Zr–Nb–Fe phase diagram 302 (2002) 1
Grecu, V.V., see Paraschiv, M.C. 302 (2002) 109
Grismanovs, V., see Nakazawa, T. 302 (2002) 165
- Hänninen, H., see Ilola, R. 302 (2002) 185
Harada, K., see Yasuda, R. 302 (2002) 156
- Hassanein, A., Modeling hydrogen and helium entrapment in flowing liquid metal surfaces as plasma-facing components in fusion devices 302 (2002) 41
Hermann, A., Thermal behaviour of hydrogen in Zircaloy corrosion layers 302 (2002) 217
Humbert, M., see Gey, N. 302 (2002) 175
- Ilola, R., V. Nadutov, M. Valo and H. Hänninen, On irradiation embrittlement and recovery annealing mechanisms of Cr–Mo–V type pressure vessel steels 302 (2002) 185
Inami, T., see Matsunami, N. 302 (2002) 206
Iwase, A., see Matsunami, N. 302 (2002) 206
- Jacoud, J.L., see Bernard, L.C. 302 (2002) 125
Jeong, Y.H., K.O. Lee and H.G. Kim, Correlation between microstructure and corrosion behavior of Zr–Nb binary alloy 302 (2002) 9
Jitsukawa, S., see Nakazawa, T. 302 (2002) 165
Joung, C.Y., see Kim, S.H. 302 (2002) 227
- Kain, V. and Y. Watanabe, Development of a single loop EPR test method and its relation to grain boundary microchemistry for alloy 600 302 (2002) 49
Kang, J.S., see Kim, U.C. 302 (2002) 104
Katano, Y., see Nakazawa, T. 302 (2002) 165
Kato, T., see Morisawa, J. 302 (2002) 66
Kenik, E.A., see Busby, J.T. 302 (2002) 20
Kim, H.G., see Jeong, Y.H. 302 (2002) 9
Kim, H.S., see Kim, S.H. 302 (2002) 227
Kim, H.P., see Kim, U.C. 302 (2002) 104
Kim, K.M., see Kim, U.C. 302 (2002) 104
Kim, S.H., C.Y. Joung, H.S. Kim, S.H. Na and Y.W. Lee, Density decrease of oxidatively sintered $\text{UO}_2\text{-5wt\%CeO}_2$ pellets during resintering in H_2 atmosphere 302 (2002) 227
Kim, U.C., K.M. Kim, J.S. Kang, E.H. Lee and H.P. Kim, Effect of TiO_2 addition on crack propagation of alloy 600 and its penetration into crevices in caustic solution 302 (2002) 104
Kinoshita, H., see Bae, D.-S. 302 (2002) 60
Kobiyama, M., see Matsunami, N. 302 (2002) 206
Kodama, M., see Morisawa, J. 302 (2002) 66
Kögel, G., see Slugen, V. 302 (2002) 89
- Lee, E.H., see Kim, U.C. 302 (2002) 104
Lee, K.O., see Jeong, Y.H. 302 (2002) 9
Lee, Y.W., see Kim, S.H. 302 (2002) 227
Lena, E., see Granovsky, M.S. 302 (2002) 1

- Lucas, G.E., High Chromium Ferritic and Martensitic Steels for Nuclear Applications – R. Klueh and D. Harries (Book Review) 302 (2002) 232
- Matsubayashi, M., see Yasuda, R. 302 (2002) 156
- Matsunami, N., M. Sataka, A. Iwase, T. Inami and M. Kobiyama, Sputtering of nano-crystalline gold by high energy heavy ions 302 (2002) 206
- Moingeon, C., see Duparc, A.H. 302 (2002) 143
- Morisawa, J., M. Otaka, M. Kodama, T. Kato and S. Suzuki, Detection of intergranular cracking susceptibility due to hydrogen in irradiated austenitic stainless steel with a superconducting quantum interference device (SQUID) sensor 302 (2002) 66
- Murase, Y., J. Nagakawa and N. Yamamoto, Fatigue behavior of 20% cold-worked 316 stainless steel under in situ irradiation with 17 MeV protons at 60 °C 302 (2002) 211
- Na, S.H., see Kim, S.H. 302 (2002) 227
- Nadutov, V., see Ilola, R. 302 (2002) 185
- Nagakawa, J., see Murase, Y. 302 (2002) 211
- Nakata, M., see Yasuda, R. 302 (2002) 156
- Nakazawa, T., K. Yokoyama, V. Grismanovs, Y. Katano and S. Jitsukawa, Ab initio study on the mechanism of hydrogen release from the silicate surface in the presence of water molecule 302 (2002) 165
- Otaka, M., see Morisawa, J. 302 (2002) 66
- Paraschiv, M.C., A. Paraschiv and V.V. Grecu, On the nuclear oxide fuel densification, swelling and thermal re-sintering 302 (2002) 109
- Paraschiv, A., see Paraschiv, M.C. 302 (2002) 109
- Penzhorn, R.D., see Venhaus, T.J. 302 (2002) 224
- Qiu, S., see Chen, J. 302 (2002) 135
- Roth, J., see Schmid, K. 302 (2002) 96
- Sataka, M., see Matsunami, N. 302 (2002) 206
- Schmid, K. and J. Roth, Concentration dependent diffusion of carbon in tungsten 302 (2002) 96
- Slugen, V., G. Kögel, P. Sperr and W. Triftshäuser, Positron annihilation studies of neutron irradiated and thermally treated reactor pressure vessel steels 302 (2002) 89
- Smetniansky-de-Grande, N., see Duparc, A.H. 302 (2002) 143
- Sperr, P., see Slugen, V. 302 (2002) 89
- Sudha, C., A.L.E. Terrance, S.K. Albert and M. Vijayalakshmi, Systematic study of formation of soft and hard zones in the dissimilar weldments of Cr–Mo steels 302 (2002) 193
- Suzuki, S., see Morisawa, J. 302 (2002) 66
- Takahashi, H., see Bae, D.-S. 302 (2002) 60
- Tavassoli, A.-A.F., Present limits and improvements of structural materials for fusion reactors – a review 302 (2002) 73
- Terrance, A.L.E., see Sudha, C. 302 (2002) 193
- Triftshäuser, W., see Slugen, V. 302 (2002) 89
- Valo, M., see Ilola, R. 302 (2002) 185
- Venhaus, T.J., R.D. Penzhorn, R.A. Causey and N. Bekris, The effect of UV light irradiation on the removal of tritium from the codeposited carbon–tritium layer in fusion reactors 302 (2002) 224
- Vesco, P., see Bernard, L.C. 302 (2002) 125
- Vijayalakshmi, M., see Sudha, C. 302 (2002) 193
- Was, G.S., see Busby, J.T. 302 (2002) 20
- Watanabe, Y., see Kain, V. 302 (2002) 49
- Xu, Y., see Chen, J. 302 (2002) 135
- Xu, Z., see Chen, J. 302 (2002) 135
- Yamamoto, N., see Murase, Y. 302 (2002) 211
- Yang, L., see Chen, J. 302 (2002) 135
- Yasuda, R., M. Matsubayashi, M. Nakata and K. Harada, Application of neutron radiography for estimating concentration and distribution of hydrogen in Zircaloy cladding tubes 302 (2002) 156
- Yokoyama, K., see Nakazawa, T. 302 (2002) 165