



ELSEVIER

Journal of Nuclear Materials 300 (2002) 279–281

**journal of
nuclear
materials**

www.elsevier.com/locate/jnucmat

Author index

- Allen, T., see Was, G.S.
- Amaya, M., M. Hirai, H. Sakurai, K. Ito, M. Sasaki, T. Nomata, K. Kamimura and R. Iwasaki, Thermal conductivities of irradiated UO₂ and (U, Gd)O₂ pellets
- Ananthasivan, K., S. Anthonysamy, C. Sudha, A.L.E. Terrance and P.R. Vasudeva Rao, Thoria doped with cations of group VB—synthesis and sintering
- Andreson, P.L., see Was, G.S.
- Anthonysamy, S., see Ananthasivan, K.
- Baldwin, K.C., see Regan, T.M.
- Balooch, M., see Dinh, L.N.
- Baron, D., see Laux, D.
- Barré, N., see Bois, L.
- Barry, R.E., see Kugel, H.W.
- Beauvy, M., see Simeone, D.
- Bechade, J.L., see Simeone, D.
- Beetham, S.A., see Usami, T.
- Bell, M., see Kugel, H.W.
- Black, D.R., see Regan, T.M.
- Blanchard, W., see Kugel, H.W.
- Blodgett, D.W., see Regan, T.M.
- Boatner, L.A., see Meldrum, A.
- Bois, L., N. Barré, M.J. Guillet, S. Guillopé, P. Trocellier, M. Gautier-Soyer, P. Verdier and Y. Laurent, Aqueous corrosion of lanthanum aluminosilicate glasses: influence of inorganic anions
- Bouvier, P., J. Godlewski and G. Lucaleau, A Raman study of the nanocrystallite size effect on the pressure–temperature phase diagram of zirconia grown by zirconium-based alloys oxidation
- Bruemmer, S.M., see Was, G.S.
- Busby, J.T., see Was, G.S.
- Causey, R.A., Hydrogen isotope retention and recycling in fusion reactor plasma-facing components
- Causey, R.A., see Hertz, K.L.
- Cecala, C.M., see Dinh, L.N.
- Chen, G., see Li, F.
- Chevrier, A., see Simeone, D.
- Cowgill, D.F., see Hertz, K.L.
- Cros, B., see Laux, D.
- Daniel, P., see Simeone, D.
- 300 (2002) 198
- 300 (2002) 57
- 300 (2002) 217
- 300 (2002) 198
- 300 (2002) 217
- 300 (2002) 47
- 300 (2002) 89
- 300 (2002) 192
- 300 (2002) 141
- 300 (2002) 278
- 300 (2002) 151
- 300 (2002) 27
- 300 (2002) 15
- 300 (2002) 278
- 300 (2002) 47
- 300 (2002) 278
- 300 (2002) 47
- 300 (2002) 242
- 300 (2002) 141
- 300 (2002) 118
- 300 (2002) 198
- 300 (2002) 198
- 300 (2002) 91
- 300 (2002) 255
- 300 (2002) 89
- 300 (2002) 82
- 300 (2002) 27
- 300 (2002) 255
- 300 (2002) 192
- 300 (2002) 151
- Despaux, G., see Laux, D.
- Dinh, L.N., C.M. Cecala, J.H. Leckey and M. Balooch, Erratum to ‘The effects of moisture on LiD single crystals studied by temperature-programmed decomposition’ [J. Nucl. Mater. 295 (2002) 193–204]
- Dodane-Thiriet, C., see Simeone, D.
- Douglas, K., see Esteban, G.A.
- Edwards, A.D., see Was, G.S.
- Erak, D.Yu., see Kuleshova, E.A.
- Esteban, G.A., A. Perujo, L.A. Sedano, F. Legarda, B. Mancinelli and K. Douglas, Diffusive transport parameters and surface rate constants of deuterium in Incoloy 800
- Ewing, R.C., see Meldrum, A.
- Fatemi, M., see Regan, T.M.
- Foster, J.P., see Gilbert, E.R.
- Frund, J.M., see Wagner, D.
- Gan, J., see Was, G.S.
- Garrido, F., see Gentils, A.
- Gates, D., see Kugel, H.W.
- Gautier-Soyer, M., see Bois, L.
- Gentils, A., L. Thomé, J. Jagielski and F. Garrido, Concentration-triggered fission product release from zirconia: consequences for nuclear safety
- Gilbert, E.R. and J.P. Foster, Erratum to ‘Dependence of the non-swelling in-reactor steady-state creep component of austenitic phase alloys on the stacking fault energy’ [J. Nucl. Mater. 298 (2002) 321–328]
- Giles, J.W., see Regan, T.M.
- Godlewski, J., see Bouvier, P.
- Gosset, D., see Simeone, D.
- Gosset, D., see Simeone, D.
- Guillopé, S., see Bois, L.
- Guillet, M.J., see Bois, L.
- Gurovich, B.A., see Kuleshova, E.A.
- Harris, D.C., see Regan, T.M.
- Harris, D.C., see Regan, T.M.
- 300 (2002) 192
- 300 (2002) 89
- 300 (2002) 151
- 300 (2002) 151
- 300 (2002) 1
- 300 (2002) 198
- 300 (2002) 127
- 300 (2002) 1
- 300 (2002) 242
- 300 (2002) 47
- 300 (2002) 90
- 300 (2002) 178
- 300 (2002) 198
- 300 (2002) 266
- 300 (2002) 278
- 300 (2002) 141
- 300 (2002) 266
- 300 (2002) 90
- 300 (2002) 118
- 300 (2002) 151
- 300 (2002) 27
- 300 (2002) 141
- 300 (2002) 141
- 300 (2002) 127
- 300 (2002) 39
- 300 (2002) 47

- Hertz, K.L., R.A. Causey and D.F. Cowgill, The effect of coatings on deuterium retention and permeation in aluminum 6061-T6 APT tritium production tubes 300 (2002) 255
- Hirai, M., see Amaya, M.
- Holzwarth, U. and H. Stamm, Mechanical and thermomechanical properties of commercially pure chromium and chromium alloys 300 (2002) 161
- Houssin, B., see Wagner, D.
- Hu, K., see Li, F.
- Inoue, T., see Usami, T.
- Ito, K., see Amaya, M.
- Iwasaki, R., see Amaya, M.
- Jagielski, J., see Gentils, A.
- Jenkins, J.A., see Usami, T.
- Jensson, A., see Was, G.S.
- Johnson, D., see Kugel, H.W.
- Kaita, R., see Kugel, H.W.
- Kamimura, K., see Amaya, M.
- Kaye, S., see Kugel, H.W.
- Kenik, E.A., see Was, G.S.
- Kennedy, T.A., see Regan, T.M.
- Kerner, Z., see Nagy, G.
- Kleykamp, H., Fission product precipitates in irradiated uranium carbonitride fuel 300 (2002) 278
- Kugel, H.W., R. Maingi, W. Wampler, R.E. Barry, M. Bell, W. Blanchard, D. Gates, D. Johnson, R. Kaita, S. Kaye, R. Maqueda, J. Menard, M.M. Menon, D. Mueller, M. Ono, F. Paoletti, S. Paul, Y.-K.-K.M. Peng, R. Raman, A. Roquemore, C.H. Skinner, S. Sabbagh, B. Stratton, D. Stutman, J.R. Wilson, S. Zweber and NSTX National Research Team, Erratum to 'Overview of impurity control and wall conditioning in NSTX' [J. Nucl. Mater. 290–293 (2002) 1185–1189] 300 (2002) 278
- Kuleshova, E.A., B.A. Gurovich, Ya.I. Shtrombakh, D.Yu. Erak and O.V. Lavrenchuk, Comparison of microstructural features of radiation embrittlement of VVER-440 and VVER-1000 reactor pressure vessel steels 300 (2002) 127
- Kurata, M., see Usami, T.
- Lagerlöf, K.P.D., see Regan, T.M.
- Laurent, Y., see Bois, L.
- Laux, D., B. Cros, G. Despaux and D. Barillon, Ultrasonic study of UO_2 : effects of porosity and grain size on ultrasonic attenuation and velocities 300 (2002) 47
- Lavrenchuk, O.V., see Kuleshova, E.A.
- Leckey, J.H., see Dinh, L.N.
- Legarda, F., see Esteban, G.A.
- Li, F., K. Hu, J. Li, D. Zhang and G. Chen, Combustion synthesis of γ -lithium aluminate by using various fuels 300 (2002) 15
- Li, F., see Li, N.
- Li, J., see Li, F.
- Linevsky, M.J., see Regan, T.M.
- Lucazeau, G., see Bouvier, P.
- Maingi, R., see Kugel, H.W.
- Mancinelli, B., see Esteban, G.A.
- Maqueda, R., see Kugel, H.W.
- Mathews, T., see Subasri, R.
- Meldrum, A., L.A. Boatner, W.J. Weber and R.C. Ewing, Amorphization and recrystallization of the ABO_3 oxides 300 (2002) 1
- Menard, J., see Kugel, H.W.
- Menon, M.M., see Kugel, H.W.
- Miragliotta, J.A., see Regan, T.M.
- Moreno, J.C., see Wagner, D.
- Mueller, D., see Kugel, H.W.
- Nagy, G., Z. Kerner and T. Pajkossy, In situ electrochemical impedance spectroscopy of Zr-1%Nb under VVER primary circuit conditions 300 (2002) 278
- Nam, S.W., see Rho, B.S.
- Nomata, T., see Amaya, M.
- Norton, P.R., see Zhang, C.
- NSTX National Research Team, see Kugel, H.W.
- Olander, D., Redox condition in molten fluoride salts Definition and control 300 (2002) 230
- Olander, D.R. and P. Van Uffelen, Erratum to 'On the role of grain boundary diffusion in fission gas release' [J. Nucl. Mater. 288 (2002) 137–147] 300 (2002) 277
- Ono, M., see Kugel, H.W.
- Pajkossy, T., see Nagy, G.
- Paoletti, F., see Kugel, H.W.
- Paul, S., see Kugel, H.W.
- Peng, Y.-K.-K.M., see Kugel, H.W.
- Perujo, A., see Esteban, G.A.
- Prioul, C., see Wagner, D.
- Raman, R., see Kugel, H.W.
- Regan, T.M., D.C. Harris, D.W. Blodgett, K.C. Baldwin, J.A. Miragliotta, M.E. Thomas, M.J. Linevsky, J.W. Giles, T.A. Kennedy, M. Fatemi, D.R. Black and K.P.D. Lagerlöf, Neutron irradiation of sapphire for compressive strengthening. II. Physical properties changes 300 (2002) 47
- Regan, T.M., D.C. Harris, R.M. Stroud and J.R. White, Neutron irradiation of sapphire for compressive strengthening. I. Processing conditions and compressive strength 300 (2002) 39
- Rho, B.S. and S.W. Nam, Effects of nitrogen on low-cycle fatigue properties of type

- 304L austenitic stainless steels tested with and without tensile strain hold 300 (2002) 65
- Roquemore, A., see Kugel, H.W.
- Sabbagh, S., see Kugel, H.W. 300 (2002) 278
- Sakurai, H., see Amaya, M. 300 (2002) 57
- Sasaki, M., see Amaya, M. 300 (2002) 57
- Scott, P.M., see Was, G.S. 300 (2002) 198
- Sedano, L.A., see Esteban, G.A. 300 (2002) 1
- Shtrombakh, Ya.I., see Kuleshova, E.A. 300 (2002) 127
- Simeone, D., C. Dodane-Thiriet, D. Gosset, P. Daniel and M. Beauvy, Order-disorder phase transition induced by swift ions in $MgAl_2O_4$ and $ZnAl_2O_4$ spinels 300 (2002) 151
- Simeone, D., D. Gosset, J.L. Bechade and A. Chevarier, Analysis of the monoclinic-tetragonal phase transition of zirconia under irradiation 300 (2002) 27
- Sims, H.E., see Usami, T. 300 (2002) 15
- Skinner, C.H., see Kugel, H.W. 300 (2002) 278
- Sreedharan, O.M., see Subasri, R. 300 (2002) 237
- Stamm, H., see Holzwarth, U. 300 (2002) 161
- Stratton, B., see Kugel, H.W. 300 (2002) 278
- Stroud, R.M., see Regan, T.M. 300 (2002) 39
- Stutman, D., see Kugel, H.W. 300 (2002) 278
- Subasri, R., T. Mathews, K. Swaminathan and O.M. Sreedharan, Thermodynamic stability of Na_2ZrO_3 using the solid electrolyte galvanic cell technique 300 (2002) 237
- Sudha, C., see Ananthasivan, K. 300 (2002) 217
- Swaminathan, K., see Subasri, R. 300 (2002) 237
- Terrance, A.L.E., see Ananthasivan, K. 300 (2002) 217
- Thomé, L., see Gentils, A. 300 (2002) 266
- Thomas, M.E., see Regan, T.M. 300 (2002) 47
- Trocellier, P., see Bois, L. 300 (2002) 141
- Usami, T., M. Kurata, T. Inoue, H.E. Sims, S.A. Beetham and J.A. Jenkins, Pyrochemical reduction of uranium dioxide and plutonium dioxide by lithium metal 300 (2002) 15
- Van Uffelen, P., see Olander, D.R. 300 (2002) 277
- Vasudeva Rao, P.R., see Ananthasivan, K. 300 (2002) 217
- Verdier, P., see Bois, L. 300 (2002) 141
- Wagner, D., J.C. Moreno, C. Prioul, J.M. Frund and B. Houssin, Influence of dynamic strain aging on the ductile tearing of C-Mn steels: modelling by a local approach method 300 (2002) 178
- Wampler, W., see Kugel, H.W. 300 (2002) 278
- Was, G.S., J.T. Busby, T. Allen, E.A. Kenik, A. Jensson, S.M. Bruemmer, J. Gan, A.D. Edwards, P.M. Scott and P.L. Andresson, Emulation of neutron irradiation effects with protons: validation of principle, 300 (2002) 198
- Weber, W.J., see Meldrum, A. 300 (2002) 242
- White, J.R., see Regan, T.M. 300 (2002) 39
- Wilson, J.R., see Kugel, H.W. 300 (2002) 278
- Zhang, C. and P.R. Norton, The dissolution of oxide on α -Zr(1%Nb) and β -Zr(20%Nb) alloys 300 (2002) 7
- Zhang, D., see Li, F. 300 (2002) 82
- Zweben, S., see Kugel, H.W. 300 (2002) 278