

Author index

- Abbott, R.P., see Latkowski, J.F.
- Ali(Basu), M., S.R. Bharadwaj, S.C. Kumar and D. Das, Standard enthalpy of formation of $\text{La}_2\text{Te}_3\text{O}_9$ and $\text{La}_2\text{Te}_4\text{O}_{11}$
- Anderson, M., see Sharafat, S.
- Andrieu, C., S. Ravel, G. Ducros and C. Lemaignan, Release of fission tritium through Zircaloy-4 fuel cladding tubes
- Antony, M.P., see Banerjee, A.
- Balazs, B., see Dinh, L.N.
- Banerjee, A., S. Raju, R. Divakar, E. Mohandas, G. Panneerselvam and M.P. Antony, Thermal property characterization of a titanium modified austenitic stainless steel (alloy D9)
- Becerra, R., see Lagos, S.
- Bell, B.K., see Latkowski, J.F.
- Bell, Z.W., see Lang, B.E.
- Bharadwaj, S.R., see Ali(Basu), M.
- Blanchard, J., see Sharafat, S.
- Blanchard, J.P., see Sethian, J.D.
- Blanchard, J.P., Preface
- Blanchard, J.P. and C.J. Martin, Thermomechanical effects in a laser IFE first wall
- Blue, C.A., see Hinoki, T.
- Burger, A., see Lang, B.E.
- Charlot, M., see Leturcq, G.
- Cipiti, B.B. and G.L. Kulcinski, Helium and deuterium implantation in tungsten at elevated temperatures
- Crocombette, J.-P., see Freyss, M.
- Das, D., see Ali(Basu), M.
- Dimitrijevic, N.M., see Kaminski, M.D.
- Dinh, L.N., D.M. Grant, M.A. Schildbach, R.A. Smith, W.J. Siekhaus, B. Balazs, J.H. Leckey, J.R. Kirkpatrick and W. McLean II, Kinetic measurement and prediction of the hydrogen outgassing from the polycrystalline LiH/Li₂O/LiOH system
- Divakar, R., see Banerjee, A.
- Donaldson, M.H., see Lang, B.E.
- Ducros, G., see Andrieu, C.
- 347 (2005) 255
- 347 (2005) 69
- 347 (2005) 217
- 347 (2005) 12
- 347 (2005) 20
- 347 (2005) 31
- 347 (2005) 20
- 347 (2005) 134
- 347 (2005) 255
- 347 (2005) 125
- 347 (2005) 69
- 347 (2005) 217
- 347 (2005) 161
- 347 (2005) v
- 347 (2005) 192
- 347 (2005) 207
- 347 (2005) 125
- 347 (2005) 1
- 347 (2005) 298
- 347 (2005) 44
- 347 (2005) 69
- 347 (2005) 77
- 347 (2005) 31
- 347 (2005) 20
- 347 (2005) 125
- 347 (2005) 20
- 347 (2005) 125
- 347 (2005) 44
- 347 (2005) 69
- 347 (2005) 20
- 347 (2005) 125
- 347 (2005) 12
- Eom, S., see Yi, Y.
- Forsythe, D.G., see Gilliam, S.B.
- Freyss, M., T. Petit and J.-P. Crocombette, Point defects in uranium dioxide: Ab initio pseudopotential approach in the generalized gradient approximation
- Ghoniem, N.M., see Sharafat, S.
- Gidcumb, S., see Hashimoto, N.
- Gidcumb, S.M., see Gilliam, S.B.
- Gilliam, S., see Hashimoto, N.
- Gilliam, S.B., S.M. Gidcumb, N.R. Parikh, D.G. Forsythe, B.K. Patnaik, J.D. Hunn, L.L. Snead and G.P. Lamaze, Retention and surface blistering of helium irradiated tungsten as a first wall material
- Goldberg, M.M., see Kaminski, M.D.
- Goldberg, M.M., see Kaminski, M.D.
- Grandjean, A., see Leturcq, G.
- Grant, D.M., see Dinh, L.N.
- Grechanovsky, A.E., see Shpak, A.P.
- Hashimoto, N., J.D. Hunn, N. Parikh, S. Gilliam, S. Gidcumb, B. Patnaik and L.L. Snead, Microstructural analysis on helium retention of ion-irradiated and annealed tungsten foils
- Hinoki, T., L.L. Snead and C.A. Blue, Development of refractory armored silicon carbide by infrared transient liquid phase processing
- Hunn, J.D., see Gilliam, S.B.
- Hunn, J.D., see Hashimoto, N.
- Jeong, Y.-H., see Kim, H.-G.
- Kaminski, M.D., Engineering product storage under the advanced fuel cycle initiative. Part I: An iterative thermal transport modeling scheme for high-heat-generating radioactive storage forms
- Kaminski, M.D., Engineered product storage under the advanced fuel cycle initiative. Part II: Conceptual storage scenarios
- 347 (2005) 151
- 347 (2005) 289
- 347 (2005) 44
- 347 (2005) 217
- 347 (2005) 307
- 347 (2005) 289
- 347 (2005) 307
- 347 (2005) 289
- 347 (2005) 77
- 347 (2005) 88
- 347 (2005) 1
- 347 (2005) 31
- 347 (2005) 73
- 347 (2005) 307
- 347 (2005) 207
- 347 (2005) 289
- 347 (2005) 307
- 347 (2005) 140
- 347 (2005) 94
- 347 (2005) 104

- Kaminski, M.D., M.M. Goldberg and C.J. Mertz, Colloids from the aqueous corrosion of aluminium-based nuclear fuel 347 (2005) 88
- Kaminski, M.D., N.M. Dimitrijevic, C.J. Mertz and M.M. Goldberg, Colloids from the aqueous corrosion of uranium nuclear fuel 347 (2005) 77
- Kim, H., see Yi, Y. 347 (2005) 151
- Kim, H.-G., J.-Y. Park and Y.-H. Jeong, Phase boundary of the Zr-rich region in commercial grade Zr–Nb alloys 347 (2005) 140
- Kim, J., see Yi, Y. 347 (2005) 151
- Kirkpatrick, J.R., see Dinh, L.N. 347 (2005) 31
- Knowles, T.R., see Renk, T.J. 347 (2005) 266
- Krause, H.F., see Vergara, L.I. 347 (2005) 118
- Kulcinski, G.L., see Cipiti, B.B. 347 (2005) 298
- Kumar, S.C., see Ali(Basu), M. 347 (2005) 69
- Lagos, S. and R. Becerra, Methodology for the recovery of lithium from lithium titanate 347 (2005) 134
- Lamaze, G.P., see Gilliam, S.B. 347 (2005) 289
- Lamberti, V., see Lang, B.E. 347 (2005) 125
- Lang, B.E., M.H. Donaldson, B.F. Woodfield, A. Burger, U.N. Roy, V. Lamberti and Z.W. Bell, Specific heat measurements of TiB₂ and ⁶LiF from 0.5 to 30 K 347 (2005) 161
- Latkowski, J., see Sethian, J.D. 347 (2005) 125
- Latkowski, J.F., R.P. Abbott, R.C. Schmitt and B.K. Bell, Effect of multi-shot X-ray exposures in IFE armor materials 347 (2005) 255
- Leckey, J.H., see Dinh, L.N. 347 (2005) 31
- Legkova, G.V., see Shpak, A.P. 347 (2005) 73
- Lemaignan, C., see Andrieu, C. 347 (2005) 12
- Leturcq, G., A. Grandjean, D. Rigaud, P. Perouty and M. Charlot, Immobilization of fission products arising from pyrometallurgical reprocessing in chloride media 347 (2005) 1
- Lu, Y.H., Q.J. Peng, T. Sato and T. Shoji, An ATEM study of oxidation behavior of SCC crack tips in 304L stainless steel in high temperature oxygenated water 347 (2005) 52
- Luo, G.-N., W.M. Shu and M. Nishi, Incident energy dependence of blistering at tungsten irradiated by low energy high flux deuterium plasma beams 347 (2005) 111
- Lytovchenko, A.S., see Shpak, A.P. 347 (2005) 73
- Martin, C.J., see Blanchard, J.P. 347 (2005) 192
- McLean II, W., see Dinh, L.N. 347 (2005) 31
- Mertz, C.J., see Kaminski, M.D. 347 (2005) 77
- Mertz, C.J., see Kaminski, M.D. 347 (2005) 88
- Meyer, F.W., see Vergara, L.I. 347 (2005) 118
- Mohandas, E., see Banerjee, A. 347 (2005) 20
- Nishi, M., see Luo, G.-N. 347 (2005) 111
- Olson, C.L., see Renk, T.J. 347 (2005) 266
- Olson, C.L., see Tanaka, T.J. 347 (2005) 244
- Panneerselvam, G., see Banerjee, A. 347 (2005) 20
- Parikh, N., see Hashimoto, N. 347 (2005) 307
- Parikh, N.R., see Gilliam, S.B. 347 (2005) 289
- Park, J.-Y., see Kim, H.-G. 347 (2005) 140
- Patnaik, B., see Hashimoto, N. 347 (2005) 307
- Patnaik, B.K., see Gilliam, S.B. 347 (2005) 289
- Peng, Q.J., see Lu, Y.H. 347 (2005) 52
- Perouty, P., see Leturcq, G. 347 (2005) 1
- Peterson, R.R., see Renk, T.J. 347 (2005) 266
- Peterson, R.R., see Tanaka, T.J. 347 (2005) 244
- Petit, T., see Freyss, M. 347 (2005) 44
- Provencio, P.P., see Renk, T.J. 347 (2005) 266
- Raffray, A.R., see Sethian, J.D. 347 (2005) 161
- Raffray, A.R. and The HAPL Team, Threats, design limits and design windows for laser IFE dry wall chambers 347 (2005) 178
- Raju, S., see Banerjee, A. 347 (2005) 20
- Ravel, S., see Andrieu, C. 347 (2005) 12
- Renk, T.J., see Sethian, J.D. 347 (2005) 161
- Renk, T.J., P.P. Provencio, T.J. Tanaka, C.L. Olson, R.R. Peterson, J.E. Stolp, D.G. Schroen and T.R. Knowles, Chamber wall materials response to pulsed ions at power-plant level fluences 347 (2005) 266
- Rigaud, D., see Leturcq, G. 347 (2005) 1
- Rochau, G.A., see Tanaka, T.J. 347 (2005) 244
- Roy, U.N., see Lang, B.E. 347 (2005) 125
- Sato, T., see Lu, Y.H. 347 (2005) 52
- Sayenko, S.Yu., see Shpak, A.P. 347 (2005) 73
- Schildbach, M.A., see Dinh, L.N. 347 (2005) 31
- Schmitt, R.C., see Latkowski, J.F. 347 (2005) 255
- Schroen, D.G., see Renk, T.J. 347 (2005) 266
- Sethian, J.D., A.R. Raffray, J. Latkowski, J.P. Blanchard, L. Snead, T.J. Renk and S. Sharafat, An overview of the development of the first wall and other principal components of a laser fusion power plant 347 (2005) 161
- Sharafat, S., see Sethian, J.D. 347 (2005) 161
- Sharafat, S., N.M. Ghoniem, M. Anderson, B. Williams, J. Blanchard, L. Snead and The HAPL Team, Micro-engineered first wall tungsten armor for high average power laser fusion energy systems 347 (2005) 217
- Shoji, T., see Lu, Y.H. 347 (2005) 52
- Shpak, A.P., A.E. Grechanovsky, A.S. Lytovchenko, G.V. Legkova and S.Yu. Sayenko, Influence of temperature and uranium on the radiation stability of zircon 347 (2005) 73
- Shu, W.M., see Luo, G.-N. 347 (2005) 111
- Siekhaus, W.J., see Dinh, L.N. 347 (2005) 31
- Smith, R.A., see Dinh, L.N. 347 (2005) 31
- Snead, L., see Sethian, J.D. 347 (2005) 161

- Snead, L., see Sharafat, S. 347 (2005) 217
Snead, L.L., see Gilliam, S.B. 347 (2005) 289
Snead, L.L., see Hashimoto, N. 347 (2005) 307
Snead, L.L., see Hinoki, T. 347 (2005) 207
Stolp, J.E., see Renk, T.J. 347 (2005) 266
- Tanaka, T.J., see Renk, T.J. 347 (2005) 266
- Tanaka, T.J., G.A. Rochau, R.R. Peterson and C.L. Olson, Testing IFE materials on Z 347 (2005) 244
The HAPL Team, see Raffray, A.R. 347 (2005) 178
The HAPL Team, see Sharafat, S. 347 (2005) 217
- Vergara, L.I., F.W. Meyer and H.F. Krause, Chemical sputtering of ATJ graphite induced by low-energy D₂⁺ bombardment 347 (2005) 118
- Williams, B., see Sharafat, S. 347 (2005) 217
Woodfield, B.F., see Lang, B.E. 347 (2005) 125
- Yi, Y., S. Eom, H. Kim and J. Kim, Nickel boride (NiB) as an inhibitor for an IGSCC of Alloy 600 and its applicability 347 (2005) 151