



ELSEVIER

Journal of Nuclear Materials 274 (1999) 219–221

**journal of
nuclear
materials**

www.elsevier.nl/locate/jnucmat

Author index

- Aillaud, C., see Porta, J. 274 (1999) 174
- Akie, H., H. Takano and Y. Anoda, Core design study on rock-like oxide fuel light water reactor and improvements of core characteristics 274 (1999) 139
- Akie, H., see Nakano, Y. 274 (1999) 127
- Akie, H., see Okonogi, K. 274 (1999) 167
- Albiol, T., see Chauvin, N. 274 (1999) 91
- Anoda, Y., see Akie, H. 274 (1999) 139
- Bakker, K., see Konings, R.J.M. 274 (1999) 84
- Bakker, K., see Neeft, E.A.C. 274 (1999) 78
- Baldi, S., see Porta, J. 274 (1999) 174
- Bauer, M., see Munoz-Viallard, I. 274 (1999) 34
- Bonnerot, J.-M., see Munoz-Viallard, I. 274 (1999) 34
- Boshoven, J.G., see Konings, R.J.M. 274 (1999) 84
- Boshoven, J.G., see Neeft, E.A.C. 274 (1999) 78
- Burghartz, M., see Lee, Y.-W. 274 (1999) 7
- Burghartz, M., see Pouchon, M.A. 274 (1999) 61
- Chauvin, N., R.J.M. Konings and Hj. Matzke, Optimisation of inert matrix fuel concepts for americium transmutation 274 (1999) 105
- Chauvin, N., T. Albiol, R. Mazoyer, J. Noirot, D. Lespiaux, J.C. Dumas, C. Weinberg, J.C. Ménard and J.P. Ottaviani, In-pile studies of inert matrices with emphasis on magnesia and magnesium aluminate spinel 274 (1999) 91
- Chawla, R., see Paratte, J.M. 274 (1999) 120
- Chawla, R., see Stanculescu, A. 274 (1999) 146
- Chodak III, P., see Sickafus, K.E. 274 (1999) 66
- Coelli, S., see Vetraino, F. 274 (1999) 23
- Conrad, R., see Neeft, E.A.C. 274 (1999) 78
- Curti, E. and W. Hummel, Modeling the solubility of zirconia in a repository for high-level radioactive waste 274 (1999) 189
- Damen, P.M.G., see Kloosterman, J.L. 274 (1999) 112
- Degueldre, C. and J.M. Paratte, Concepts for an inert matrix fuel, an overview 274 (1999) 1
- Degueldre, C., see Pouchon, M.A. 274 (1999) 61
- Döbeli, M., see Pouchon, M.A. 274 (1999) 61
- Doriath, J.-Y., see Porta, J. 274 (1999) 153
- Dumas, J.C., see Chauvin, N. 274 (1999) 91
- Früh, R., see Paratte, J.M. 274 (1999) 120
- Hartmann, Th., see Sickafus, K.E. 274 (1999) 66
- Heimgartner, P., see Lee, Y.-W. 274 (1999) 7
- Hein, H., see Konings, R.J.M. 274 (1999) 84
- Hein, H., see Neeft, E.A.C. 274 (1999) 78
- Hummel, W., see Curti, E. 274 (1999) 189
- Huntenaar, M.E., see Konings, R.J.M. 274 (1999) 84
- Ishijima, K., see Okonogi, K. 274 (1999) 167
- Joneja, O.P., see Paratte, J.M. 274 (1999) 120
- Joo, H.-K., see Kasemeyer, U. 274 (1999) 160
- Joung, C.Y., see Lee, Y.-W. 274 (1999) 7
- Kanazawa, H., see Yamashita, T. 274 (1999) 98
- Kasemeyer, U., H.-K. Joo and G. Ledergerber, Design study of an irradiation experiment with inert matrix and mixed-oxide fuel at the Halden boiling water reactor 274 (1999) 160
- Kasemeyer, U., see Stanculescu, A. 274 (1999) 146
- Kim, H.S., see Lee, Y.-W. 274 (1999) 7
- Kim, S.H., see Lee, Y.-W. 274 (1999) 7
- Kimura, H., H. Takano and T. Muro-mura, A study of actinide decay chains on the environmental effect of a geologic disposal of 'rock-like oxide' fuels and uranium-plutonium oxide fuels 274 (1999) 197
- Kloosterman, J.L. and P.M.G. Damen, Reactor physics aspects of plutonium burning in inert matrix fuels 274 (1999) 112
- Kobayashi, S.-i., see Nitani, N. 274 (1999) 15
- Konings, R.J.M., K. Bakker, J.G. Boshoven, H. Hein, M.E. Huntenaar and R.R. van der Laan, Transmutation of actinides in inert-matrix fuels: fabrication studies and modelling of fuel behaviour 274 (1999) 84
- Konings, R.J.M., see Chauvin, N. 274 (1999) 105
- Konings, R.J.M., see Neeft, E.A.C. 274 (1999) 78
- Kostomarov, V., see Vatulin, A. 274 (1999) 135
- Krstic, V.D., see Verrall, R.A. 274 (1999) 54
- La Torretta, T., see Vetraino, F. 274 (1999) 23
- Ledergerber, G., see Kasemeyer, U. 274 (1999) 160
- Ledergerber, G., see Lee, Y.-W. 274 (1999) 7

- Lee, Y.-W., H.S. Kim, S.H. Kim, C.Y.
 Joung, S.H. Na, G. Ledergerber, P.
 Heimgartner, M. Pouchon and M.
 Burghartz, Preparation of simulated inert matrix fuel with different powders by dry milling method
 Lespiaux, D., see Chauvin, N.
 Lombardi, C., A. Mazzola, E. Padovani and M.E. Ricotti, Neutronic analysis of U-free inert matrix and thorium fuels for plutonium disposition in pressurised water reactors
 Lumpkin, G.R., Physical and chemical characteristics of baddeleyite (monoclinic zirconia) in natural environments: an overview and case study
 Luzzi, L., see Vettraino, F.
 Lysenko, V., see Vatulin, A.
 Magara, M., see Nakano, Y.
 Magara, M., see Yamashita, T.
 Magnani, G., see Vettraino, F.
 Marmo, E., see Vettraino, F.
 Matsuda, T., see Nitani, N.
 Matzke, Hj., see Chauvin, N.
 Matzke, Hj., see Sickafus, K.E.
 Matzke, Hj., V.V. Rondinella and T. Wiss, Materials research on inert matrices: a screening study
 Mazoyer, R., see Chauvin, N.
 Mazzola, A., see Lombardi, C.
 Ménard, J.C., see Chauvin, N.
 Munoz-Viallard, I., M. Bauer and J.-M. Bonnerot, Modelling, manufacturing and thermomechanical characterization of spinel-uranium dioxide composite fuels
 Muromura, T., see Kimura, H.
 Muromura, T., see Yamashita, T.
 Na, S.H., see Lee, Y.-W.
 Nakamura, T., see Okonogi, K.
 Nakano, Y., H. Akie, M. Magara and H. Takano, Burnup analysis of rock-like oxide fuel disks irradiated in the Japan Research Reactor No. 3
 Nastasi, M., see Sickafus, K.E.
 Neef, E.A.C., R.J.M. Konings, K. Bakker, J.G. Boshoven, H. Hein, R.P.C. Schram, A. van Veen and R. Conrad, Neutron irradiation of polycrystalline yttrium aluminate garnet, magnesium aluminate spinel and α -alumina
 Nitani, N., see Yamashita, T.
 Nitani, N., T. Yamashita, T. Matsuda, S.-i. Kobayashi and T. Ohmichi, Thermophysical properties of rock-like oxide fuel with spinel-yttria stabilized zirconia system
 Noiroit, J., see Chauvin, N.
- 274 (1999) 7
 274 (1999) 91
 274 (1999) 181
 274 (1999) 206
 274 (1999) 23
 274 (1999) 135
 274 (1999) 127
 274 (1999) 98
 274 (1999) 23
 274 (1999) 23
 274 (1999) 15
 274 (1999) 105
 274 (1999) 66
 274 (1999) 47
 274 (1999) 91
 274 (1999) 181
 274 (1999) 91
 274 (1999) 34
 274 (1999) 197
 274 (1999) 98
 274 (1999) 7
 274 (1999) 167
 274 (1999) 127
 274 (1999) 127
 274 (1999) 66
 274 (1999) 78
 274 (1999) 98
 274 (1999) 15
 274 (1999) 91
- Ohmichi, T., see Nitani, N.
 Ohmichi, T., see Shiratori, T.
 Ohmichi, T., see Yamashita, T.
 Okonogi, K., T. Nakamura, M. Yoshinaga, K. Ishijima, H. Akie and H. Takano, Pulse irradiation tests of rock-like oxide fuel
 Ossi, P., see Vettraino, F.
 Ottaviani, J.P., see Chauvin, N.
 Padovani, E., see Lombardi, C.
 Paratte, J.M., see Stanculescu, A.
 Paratte, J.M., R. Chawla, R. Früh, O.P. Joneja, S. Pelloni and C. Pralong, Validation efforts for the neutronics of a plutonium-erbium-zirconium oxide inert matrix light water reactor fuel
 Paratte, J.M., see Degueldre, C.
 Pelloni, S., see Paratte, J.M.
 Porta, J. and J.-Y. Doriath, Toward very high burnups, a strategy for plutonium utilization in pressurized water reactors
 Porta, J., C. Aillaud and S. Baldi, Core severe accidents with cermet fuels – a specific study for pressurized water reactors
 Pouchon, M., see Lee, Y.-W.
 Pouchon, M.A., M. Döbeli, C. Degueldre and M. Burghartz, Behavior of cesium implanted in zirconia based inert matrix fuel
 Pralong, C., see Paratte, J.M.
 Ricotti, M.E., see Lombardi, C.
 Rondinella, V.V., see Matzke, Hj.
 Schram, R.P.C., see Neef, E.A.C.
 Shiratori, T., T. Yamashita, T. Ohmichi, A. Yasuda and K. Watarumi, Preparation of rock-like oxide fuels for the irradiation test in the Japan Research Reactor No. 3
 Sickafus, K.E., Hj. Matzke, Th. Hartmann, K. Yasuda, J.A. Valdez, P. Chodak III, M. Nastasi and R.A. Verrall, Radiation damage effects in zirconia
 Sirotin, V., see Vatulin, A.
 Stanculescu, A., U. Kasemeyer, J.M. Paratte and R. Chawla, Conceptual studies for pressurised water reactor cores employing plutonium-erbium-zirconium oxide inert matrix fuel assemblies
 Takano, H., see Akie, H.
 Takano, H., see Kimura, H.
 Takano, H., see Nakano, Y.
 Takano, H., see Okonogi, K.
 Takano, H., see Yamashita, T.
 Valdez, J.A., see Sickafus, K.E.
 van der Laan, R.R., see Konings, R.J.M.
- 274 (1999) 15
 274 (1999) 40
 274 (1999) 98
 274 (1999) 167
 274 (1999) 23
 274 (1999) 91
 274 (1999) 181
 274 (1999) 146
 274 (1999) 1 274 (1999) 120
 274 (1999) 153
 274 (1999) 174
 274 (1999) 7
 274 (1999) 61
 274 (1999) 120
 274 (1999) 181
 274 (1999) 47
 274 (1999) 78
 274 (1999) 40
 274 (1999) 66
 274 (1999) 135
 274 (1999) 146
 274 (1999) 139
 274 (1999) 197
 274 (1999) 127
 274 (1999) 127
 274 (1999) 167
 274 (1999) 98
 274 (1999) 66
 274 (1999) 84

- van Veen, A., see Neeft, E.A.C. 274 (1999) 78
- Vatulin, A., V. Lysenko, V. Kostomarov and V. Sirotin, Alternative versions of inert matrix fuel for the use of civil and weapons-grade plutonium in reactors 274 (1999) 135
- Verrall, R.A., M.D. Vlajic and V.D. Krstic, Silicon carbide as an inert-matrix for a thermal reactor fuel 274 (1999) 54
- Verrall, R.A., see Sickafus, K.E. 274 (1999) 66
- Vetraino, F., G. Magnani, T. La Torretta, E. Marmo, S. Coelli, L. Luzzi, P. Ossi and G. Zappa, Preliminary fabrication and characterisation of inert matrix and thoria fuels for plutonium disposition in light water reactors 274 (1999) 23
- Vlajic, M.D., see Verrall, R.A. 274 (1999) 54
- Watarumi, K., see Shiratori, T. 274 (1999) 40
- Weinberg, C., see Chauvin, N. 274 (1999) 91
- Wiss, T., see Matzke, Hj. 274 (1999) 47
- Yamashita, T., N. Nitani, H. Kanazawa, M. Magara, T. Ohmichi, H. Takano and T. Muromura, In-pile irradiation of plutonium rock-like oxide fuels with yttria stabilized zirconia or thoria, spinel and corundum 274 (1999) 98
- Yamashita, T., see Nitani, N. 274 (1999) 15
- Yamashita, T., see Shiratori, T. 274 (1999) 40
- Yasuda, A., see Shiratori, T. 274 (1999) 40
- Yasuda, K., see Sickafus, K.E. 274 (1999) 66
- Yoshinaga, M., see Okonogi, K. 274 (1999) 167
- Zappa, G., see Vetraino, F. 274 (1999) 23