



Subject index

Absorber Materials

- Carbothermal route for preparation of boron carbide powder from boric acid–citric acid gel precursor, A. Sinha, T. Mahata and B.P. Sharma 301 (2002) 165

Actinides (*minor, excludes Plutonium, Thorium and Uranium*)

- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
- Further considerations on entropy estimations of actinide compounds: AmCl₃ and AmCl₂, R.J.M. Konings 301 (2002) 223

Adsorption

- Liquid metal embrittlement of the martensitic steel 91: influence of the chemical composition of the liquid metal. Experiments and electronic structure calculations, A. Legris, G. Nicaise, J.-B. Vogt and J. Foct 301 (2002) 70

Amorphization and Amorphous Materials

- Competition between disorder creation and annealing in fluoroapatite nuclear waste forms, J. Chaumont, S. Soulet, J.C. Krupa and J. Carpena 301 (2002) 122

Analytical Instruments and Methods (*not listed elsewhere*)

- Development of an oxygen sensor for molten 44.5% lead–55.5% bismuth alloy, J.A. Fernández, J. Abellà, J. Barceló and L. Victori 301 (2002) 47
- Chemical analysis of flakes from the Joint European Torus, H. Kleykamp 301 (2002) 233

Atom Probe/Field Ion Microscopy

- Effects of annealing on tensile property and corrosion behavior of Ti–Al–Zr alloy, T.-K. Kim, B.-S. Choi, Y.-H. Jeong, D.-J. Lee and M.-H. Chang 301 (2002) 81

Carbon

- Tritium removal from codeposits on carbon tiles by a scanning laser, C.H. Skinner, C.A. Gentile, A. Carpe, G. Guttadora, S. Langish, K.M. Young, W.M. Shu and H. Nakamura 301 (2002) 98

- Effects of dopants on properties and microstructure of doped graphite, G. Zhang, Q. Guo, Z. Liu, L. Yao, L. Liu, J. Li and J. Chen 301 (2002) 187
- Chemical analysis of flakes from the Joint European Torus, H. Kleykamp 301 (2002) 233

Ceramics (*not listed elsewhere*)

- Competition between disorder creation and annealing in fluoroapatite nuclear waste forms, J. Chaumont, S. Soulet, J.C. Krupa and J. Carpena 301 (2002) 122

Chemical Reactions (*includes Electrochemical and Thermochemical Reactions*)

- Impurities and oxygen control in lead alloys, J.-L. Courouau, P. Trabuc, G. Lapanche, Ph. Deloffre, P. Taraud, M. Olivier, R. Adriano and S. Trambaud 301 (2002) 53
- Carbothermal route for preparation of boron carbide powder from boric acid–citric acid gel precursor, A. Sinha, T. Mahata and B.P. Sharma 301 (2002) 165
- Kinetic theory of the growth of the circular oxidation islands on the UO₂ surface, M. Kolár 301 (2002) 210
- Activity coefficients of Dy dissolved in liquid Bi, J. Sheng, H. Yamana and H. Moriyama 301 (2002) 220

Compatibility and Corrosion (*includes Stress Corrosion Cracking*)

- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
- Temperature effect on the corrosion mechanism of austenitic and martensitic steels in lead–bismuth, G. Benamati, C. Fazio, H. Piankova and A. Rusanov 301 (2002) 23
- Corrosion studies in liquid Pb–Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M. Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28
- Corrosion and deposition of ferrous alloys in molten lead–bismuth, Ph. Deloffre, A. Terlain and F. Barbier 301 (2002) 35
- Results of steel corrosion tests in flowing liquid Pb/Bi at 420–600 °C after 2000 h, G. Müller, A. Heinzl, J. Konys, G.

- Schumacher, A. Weisenburger, F. Zimmermann, V. Engelko, A. Rusanov and V. Markov 301 (2002) 40
- Effects of annealing on tensile property and corrosion behavior of Ti–Al–Zr alloy, T.-K. Kim, B.-S. Choi, Y.-H. Jeong, D.-J. Lee and M.-H. Chang 301 (2002) 81
- Reaction of Zircaloy-4 with tellurium under different oxygen potentials, T. Arima, T. Masuzumi, H. Furuya, K. Idemitsu and Y. Inagaki 301 (2002) 90
- Evolution of the uranium local environment during alteration of SON68 glass, P. Jollivet, C. Auwer and E. Simoni 301 (2002) 142
- Creep and Stress Relaxation**
- Thermally activated deformation of irradiated reactor pressure vessel steel, J. Böhmert and G. Müller 301 (2002) 227
- Crystallographic Properties**
- Competition between disorder creation and annealing in fluorapatite nuclear waste forms, J. Chaumont, S. Soulet, J.C. Krupa and J. Carpena 301 (2002) 122
- Thermal expansion of UO₂ and simulated DUPIC fuel, K.H. Kang, H.J. Ryu, K.C. Song, M.S. Yang 301 (2002) 242
- Defects and Defect Structures** (*excludes by Irradiation*)
- Radiation effects in structural materials of spallation targets, P. Jung 301 (2002) 15
- Divertor Materials**
- Chemical analysis of flakes from the Joint European Torus, H. Kleykamp 301 (2002) 233
- Electron Microscopy**
- The effect of non-metallic inclusions on the fracture toughness master curve in high copper reactor pressure vessel welds, Y.-J. Oh, B.-S. Lee and J.-H. Hong 301 (2002) 108
- Embrittlement**
- Radiation effects in structural materials of spallation targets, P. Jung 301 (2002) 15
- Liquid metal embrittlement of the martensitic steel 91: influence of the chemical composition of the liquid metal. Experiments and electronic structure calculations, A. Legris, G. Nicaise, J.-B. Vogt and J. Foct 301 (2002) 70
- A new technique for the prediction of non-linear material behavior, J.A. Wang and N.S. Rao 301 (2002) 193
- Fast Reactor Materials**
- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
- The Pb–Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
- Fission Products**
- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
- Reaction of Zircaloy-4 with tellurium under different oxygen potentials, T. Arima, T. Masuzumi, H. Furuya, K. Idemitsu and Y. Inagaki 301 (2002) 90
- EPMA and SEM of fuel samples from PWR rods with an average burn-up of around 100 MWd/kgHM, R. Manzel and C.T. Walker 301 (2002) 170
- Gibbs energy of formation of solid Ni₃TeO₆ from transpiration studies, M. Ali Basu, R. Mishra, S.R. Bharadwaj, D. Das 301 (2002) 183
- Solidification of Sr-containing stripping solutions in titanate ceramics, W. Bao, S. Xu, L. Li, C. Song, J. Zhang and Y. Zhu 301 (2002) 237
- Fracture and Fracture Toughness**
- The effect of non-metallic inclusions on the fracture toughness master curve in high copper reactor pressure vessel welds, Y.-J. Oh, B.-S. Lee and J.-H. Hong 301 (2002) 108
- Disorder-induced melting in nickel: implication to intergranular sulfur embrittlement, J.K. Heuer, P.R. Okamoto, N.Q. Lam and J.F. Stubbins 301 (2002) 129
- Fuels and Fuel Elements**
- The Pb–Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
- EPMA and SEM of fuel samples from PWR rods with an average burn-up of around 100 MWd/kgHM, R. Manzel and C.T. Walker 301 (2002) 170
- Thermal expansion of UO₂ and simulated DUPIC fuel, K.H. Kang, H.J. Ryu, K.C. Song, M.S. Yang 301 (2002) 242
- Fusion Reactor Materials**
- Reaction of Zircaloy-4 with tellurium under different oxygen potentials, T. Arima, T. Masuzumi, H. Furuya, K. Idemitsu and Y. Inagaki 301 (2002) 90
- Tritium removal from codeposits on carbon tiles by a scanning laser, C.H. Skinner, C.A. Gentile, A. Carpe, G. Guttadora, S. Langish, K.M. Young, W.M. Shu and H. Nakamura 301 (2002) 98
- Gases** (*excludes Hydrogen, Helium and Tritium*) *in Materials*
- Development of an oxygen sensor for molten 44.5% lead–55.5% bismuth alloy, J.A. Fernández, J. Abellà, J. Barceló and L. Victori 301 (2002) 47

Heat Treatment

- Effects of annealing on tensile property and corrosion behavior of Ti–Al–Zr alloy, T.-K. Kim, B.-S. Choi, Y.-H. Jeong, D.-J. Lee and M.-H. Chang 301 (2002) 81

Helium

- Radiation effects in structural materials of spallation targets, P. Jung 301 (2002) 15

Hydrogen and Hydrides (*includes Deuterium and Deuterides*)

- Radiation effects in structural materials of spallation targets, P. Jung 301 (2002) 15
 Corrosion and deposition of ferrous alloys in molten lead–bismuth, Ph. Deloffre, A. Terlain and F. Barbier 301 (2002) 35
 Hydride blister formation in Zr–2.5wt%Nb pressure tube alloy, R.N. Singh, R. Kishore, T.K. Sinha and B.P. Kashyap 301 (2002) 153
 Hydrogen absorption–desorption properties of UZr_{0.29} alloy, M. Shuai, Y. Su, Z. Wang, P. Zhao, J. Zou and S. Wu 301 (2002) 203

Ion Irradiation

- Corrosion studies in liquid Pb–Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M. Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28
 Competition between disorder creation and annealing in fluoroapatite nuclear waste forms, J. Chaumont, S. Soulet, J.C. Krupa and J. Carpena 301 (2002) 122
 Disorder-induced melting in nickel: implication to intergranular sulfur embrittlement, J.K. Heuer, P.R. Okamoto, N.Q. Lam and J.F. Stubbins 301 (2002) 129

Iron, Iron alloys (*excludes Steels*) and Compounds

- Corrosion studies in liquid Pb–Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M. Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28

Joining (*includes Welding, Brazing, Soldering*)

- The effect of non-metallic inclusions on the fracture toughness master curve in high copper reactor pressure vessel welds, Y.-J. Oh, B.-S. Lee and J.-H. Hong 301 (2002) 108
 Hardness and microstructural studies of electron beam welded joints of Zircaloy-4 and stainless steel, M. Ahmad, J.I. Akhter, M.A. Shaikh, M. Akhtar, M. Iqbal and M.A. Chaudhry 301 (2002) 118

Kinetics

- Preliminary studies on PbO reduction in liquid Pb–Bi eutectic by flowing hydrogen, I. Ricapito, C. Fazio and G. Benamati 301 (2002) 60
 Kinetic theory of the growth of the circular oxidation islands on the UO₂ surface, M. Kolár 301 (2002) 210

Liquid Metals

- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
 The Pb–Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
 Temperature effect on the corrosion mechanism of austenitic and martensitic steels in lead–bismuth, G. Benamati, C. Fazio, H. Piankova and A. Rusanov 301 (2002) 23
 Corrosion studies in liquid Pb–Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M. Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28
 Corrosion and deposition of ferrous alloys in molten lead–bismuth, Ph. Deloffre, A. Terlain and F. Barbier 301 (2002) 35
 Results of steel corrosion tests in flowing liquid Pb/Bi at 420–600 °C after 2000 h, G. Müller, A. Heinzl, J. Kony, G. Schumacher, A. Weisenburger, F. Zimmermann, V. Engelko, A. Rusanov and V. Markov 301 (2002) 40
 Development of an oxygen sensor for molten 44.5% lead–55.5% bismuth alloy, J.A. Fernández, J. Abellà, J. Barceló and L. Victori 301 (2002) 47
 Impurities and oxygen control in lead alloys, J.-L. Courouau, P. Trabuc, G. Laplanche, Ph. Deloffre, P. Taraud, M. Ollivier, R. Adriano and S. Trambaud 301 (2002) 53
 Preliminary studies on PbO reduction in liquid Pb–Bi eutectic by flowing hydrogen, I. Ricapito, C. Fazio and G. Benamati 301 (2002) 60
 Atomistic simulation of liquid lead and lead–bismuth eutectic, M. Celino, R. Conversano and V. Rosato 301 (2002) 64
 Liquid metal embrittlement of the martensitic steel 91: influence of the chemical composition of the liquid metal. Experiments and electronic structure calculations, A. Legris, G. Nicaise, J.-B. Vogt and J. Foct 301 (2002) 70

Low Activation Materials (*includes Reduced Activation*)

- Temperature effect on the corrosion mechanism of austenitic and martensitic steels in lead–bismuth, G. Benamati, C. Fazio, H. Piankova and A. Rusanov 301 (2002) 23

Mathematical and Computational Methods

- A new technique for the prediction of non-linear material behavior, J.A. Wang and N.S. Rao 301 (2002) 193

Mechanical Properties (*not listed elsewhere*)

- Effects of annealing on tensile property and corrosion behavior of Ti–Al–Zr alloy, T.-K. Kim, B.-S. Choi, Y.-H. Jeong, D.-J. Lee and M.-H. Chang 301 (2002) 81

- Microstructure and Texture** (*excludes by Irradiation*)
- Hardness and microstructural studies of electron beam welded joints of Zircaloy-4 and stainless steel, M. Ahmad, J.I. Akhter, M.A. Shaikh, M. Akhtar, M. Iqbal and M.A. Chaudhry 301 (2002) 118
- Evolution of the uranium local environment during alteration of SON68 glass, P. Jollivet, C. Auwer and E. Simoni 301 (2002) 142
- Effects of dopants on properties and microstructure of doped graphite, G. Zhang, Q. Guo, Z. Liu, L. Yao, L. Liu, J. Li and J. Chen 301 (2002) 187
- Monitoring Methods**
- Impurities and oxygen control in lead alloys, J.-L. Courouau, P. Trabuc, G. Laplanche, Ph. Deloffre, P. Taraud, M. Olivier, R. Adriano and S. Trambaud 301 (2002) 53
- Nickel, Nickel Alloys and Compounds**
- Disorder-induced melting in nickel: implication to intergranular sulfur embrittlement, J.K. Heuer, P.R. Okamoto, N.Q. Lam and J.F. Stubbins 301 (2002) 129
- Physical Properties** (*not listed elsewhere*)
- Thermal expansion of UO₂ and simulated DUPIC fuel, K.H. Kang, H.J. Ryu, K.C. Song, M.S. Yang 301 (2002) 242
- Plasma-Materials Interaction**
- Tritium removal from codeposits on carbon tiles by a scanning laser, C.H. Skinner, C.A. Gentile, A. Carpe, G. Guttadora, S. Langish, K.M. Young, W.M. Shu and H. Nakamura 301 (2002) 98
- Chemical analysis of flakes from the Joint European Torus, H. Kleykamp 301 (2002) 233
- Plutonium, Plutonium Alloys and Compounds**
- The Pb-Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
- Powder Processes and Products**
- Carbothermal route for preparation of boron carbide powder from boric acid-citric acid gel precursor, A. Sinha, T. Mahata and B.P. Sharma 301 (2002) 165
- Precipitates and Precipitation**
- Corrosion and deposition of ferrous alloys in molten lead-bismuth, Ph. Deloffre, A. Terlain and F. Barbier 301 (2002) 35
- Pressure Vessel Materials**
- The effect of non-metallic inclusions on the fracture toughness master curve in high copper reactor pressure vessel welds, Y.-J. Oh, B.-S. Lee and J.-H. Hong 301 (2002) 108
- Hydride blister formation in Zr-2.5wt%Nb pressure tube alloy, R.N. Singh, R. Kishore, T.K. Sinha and B.P. Kashyap 301 (2002) 153
- A new technique for the prediction of non-linear material behavior, J.A. Wang and N.S. Rao 301 (2002) 193
- Processing**
- Carbothermal route for preparation of boron carbide powder from boric acid-citric acid gel precursor, A. Sinha, T. Mahata and B.P. Sharma 301 (2002) 165
- Radiation Effects: Extended Defects, Microstructures**
- Radiation effects in structural materials of spallation targets, P. Jung 301 (2002) 15
- Competition between disorder creation and annealing in fluoroapatite nuclear waste forms, J. Chaumont, S. Soulet, J.C. Krupa and J. Carpena 301 (2002) 122
- Radiation Effects: Mechanical Properties**
- A new technique for the prediction of non-linear material behavior, J.A. Wang and N.S. Rao 301 (2002) 193
- Thermally activated deformation of irradiated reactor pressure vessel steel, J. Böhmert and G. Müller 301 (2002) 227
- Radiation Sources**
- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
- Radiolysis**
- The Pb-Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
- Rare Earths**
- Activity coefficients of Dy dissolved in liquid Bi, J. Sheng, H. Yamana and H. Moriyama 301 (2002) 220
- Safety of Nuclear Reactors and Components**
- The Pb-Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
- Segregation**
- Disorder-induced melting in nickel: implication to intergranular sulfur embrittlement, J.K. Heuer, P.R. Okamoto, N.Q. Lam and J.F. Stubbins 301 (2002) 129
- Steels, Austenitic**
- Temperature effect on the corrosion mechanism of austenitic and martensitic steels in lead-bismuth, G. Benamati, C. Fazio, H. Piankova and A. Rusanov 301 (2002) 23
- Corrosion studies in liquid Pb-Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M.

- Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28
- Corrosion and deposition of ferrous alloys in molten lead–bismuth, Ph. Deloffre, A. Terlain and F. Barbier 301 (2002) 35
- Results of steel corrosion tests in flowing liquid Pb/Bi at 420–600 °C after 2000 h, G. Müller, A. Heinzl, J. Konys, G. Schumacher, A. Weisenburger, F. Zimmermann, V. Engelko, A. Rusanov and V. Markov 301 (2002) 40
- Steels, Ferritic/Martensitic**
- Temperature effect on the corrosion mechanism of austenitic and martensitic steels in lead–bismuth, G. Benamati, C. Fazio, H. Piankova and A. Rusanov 301 (2002) 23
- Corrosion studies in liquid Pb–Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M. Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28
- Corrosion and deposition of ferrous alloys in molten lead–bismuth, Ph. Deloffre, A. Terlain and F. Barbier 301 (2002) 35
- Results of steel corrosion tests in flowing liquid Pb/Bi at 420–600 °C after 2000 h, G. Müller, A. Heinzl, J. Konys, G. Schumacher, A. Weisenburger, F. Zimmermann, V. Engelko, A. Rusanov and V. Markov 301 (2002) 40
- Liquid metal embrittlement of the martensitic steel 91: influence of the chemical composition of the liquid metal. Experiments and electronic structure calculations, A. Legris, G. Nicaise, J.-B. Vogt and J. Foct 301 (2002) 70
- Thermally activated deformation of irradiated reactor pressure vessel steel, J. Böhmert and G. Müller 301 (2002) 227
- Structural Materials**
- Corrosion studies in liquid Pb–Bi alloy at JAERI: R & D program and first experimental results, Y. Kurata, M. Futakawa, K. Kikuchi, S. Saito and T. Osugi 301 (2002) 28
- Results of steel corrosion tests in flowing liquid Pb/Bi at 420–600 °C after 2000 h, G. Müller, A. Heinzl, J. Konys, G. Schumacher, A. Weisenburger, F. Zimmermann, V. Engelko, A. Rusanov and V. Markov 301 (2002) 40
- Surface Effects**
- Hydride blister formation in Zr–2.5wt%Nb pressure tube alloy, R.N. Singh, R. Kishore, T.K. Sinha and B.P. Kashyap 301 (2002) 153
- Theory and Modelling**
- Atomistic simulation of liquid lead and lead–bismuth eutectic, M. Celino, R. Conversano and V. Rosato 301 (2002) 64
- Liquid metal embrittlement of the martensitic steel 91: influence of the chemical composition of the liquid metal. Experiments and electronic structure calculations, A. Legris, G. Nicaise, J.-B. Vogt and J. Foct 301 (2002) 70
- Kinetic theory of the growth of the circular oxidation islands on the UO₂ surface, M. Kolář 301 (2002) 210
- Thermodynamic Properties**
- Gibbs energy of formation of solid Ni₃TeO₆ from transpiration studies, M. Ali Basu, R. Mishra, S.R. Bharadwaj, D. Das 301 (2002) 183
- Further considerations on entropy estimations of actinide compounds: AmCl₃ and AmCl₂, R.J.M. Konings 301 (2002) 223
- Thermophysical Properties**
- Effects of dopants on properties and microstructure of doped graphite, G. Zhang, Q. Guo, Z. Liu, L. Yao, L. Liu, J. Li and J. Chen 301 (2002) 187
- Titanium, Titanium Alloys and Compounds**
- Effects of annealing on tensile property and corrosion behavior of Ti–Al–Zr alloy, T.-K. Kim, B.-S. Choi, Y.-H. Jeong, D.-J. Lee and M.-H. Chang 301 (2002) 81
- Tritium and Tritides**
- Tritium removal from codeposits on carbon tiles by a scanning laser, C.H. Skinner, C.A. Gentile, A. Carpe, G. Guttadora, S. Langish, K.M. Young, W.M. Shu and H. Nakamura 301 (2002) 98
- Uranium, Uranium Alloys**
- The Pb–Bi cooled XADS status of development, L. Cinotti and G. Gherardi 301 (2002) 8
- Hydrogen absorption–desorption properties of UZr_{0.29} alloy, M. Shuai, Y. Su, Z. Wang, P. Zhao, J. Zou and S. Wu 301 (2002) 203
- Kinetic theory of the growth of the circular oxidation islands on the UO₂ surface, M. Kolář 301 (2002) 210
- Thermal expansion of UO₂ and simulated DUPIC fuel, K.H. Kang, H.J. Ryu, K.C. Song, M.S. Yang 301 (2002) 242
- Vitrification**
- Evolution of the uranium local environment during alteration of SON68 glass, P. Jollivet, C. Auwer and E. Simoni 301 (2002) 142
- Waste Materials**
- The accelerator driven system strategy in Japan, Y. Kurata, T. Takizuka, T. Osugi and H. Takano 301 (2002) 1
- Competition between disorder creation and annealing in fluoroapatite nuclear waste forms, J. Chaumont, S. Soulet, J.C. Krupa and J. Carpena 301 (2002) 122

- Evolution of the uranium local environment during alteration of SON68 glass, P. Jollivet, C. Auwer and E. Simoni 301 (2002) 142
- Activity coefficients of Dy dissolved in liquid Bi, J. Sheng, H. Yamana and H. Moriyama 301 (2002) 220
- Solidification of Sr-containing stripping solutions in titanate ceramics, W. Bao, S. Xu, L. Li, C. Song, J. Zhang and Y. Zhu 301 (2002) 237
- Zirconium, Zirconium Alloys**
- Impurities and oxygen control in lead alloys, J.-L. Courouau, P. Trabuc, G. Laplanche, Ph. Deloffre, P. Taraud, M. Olivier, R. Adriano and S. Trambaud 301 (2002) 53
- Reaction of Zircaloy-4 with tellurium under different oxygen potentials, T. Arima, T. Masuzumi, H. Furuya, K. Idemitsu and Y. Inagaki 301 (2002) 90
- Hardness and microstructural studies of electron beam welded joints of Zircaloy-4 and stainless steel, M. Ahmad, J.I. Akhter, M.A. Shaikh, M. Akhtar, M. Iqbal and M.A. Chaudhry 301 (2002) 118
- Hydride blister formation in Zr-2.5wt%Nb pressure tube alloy, R.N. Singh, R. Kishore, T.K. Sinha and B.P. Kashyap 301 (2002) 153
- Hydrogen absorption-desorption properties of $UZr_{0.29}$ alloy, M. Shuai, Y. Su, Z. Wang, P. Zhao, J. Zou and S. Wu 301 (2002) 203