

Review papers in Journal of Materials Science Volumes 37, 38 and 39

Volume 37 (2002)

- L.A. PESIN** Structure and properties of glass-like carbon, p. 1
- D.D.L. CHUNG** Improving cement-based materials by using silica fume, p. 673
- D.D.L. CHUNG** Graphite, p. 1475
- K.Z. BABA-KISHI** Electron backscatter Kikuchi diffraction in the scanning electron microscope for crystallographic analysis, p. 1715
- A. BALDAN** Progress in Ostwald ripening theories and their applications to nickel-base superalloys Part I, p. 2171
- A. BALDAN** Progress in Ostwald ripening theories and their applications to the γ' -precipitates in nickel-base superalloys Part II, p. 2379
- N.-M. BARKOULA, J. KARGER-KOCSIS** Processes and influencing parameters of the solid particle erosion of polymers and their composites, p. 3807
- S. BANERJEE, A. DAN and D. CHAKRAVORTY** Synthesis of conducting nanowires, p. 4261
- F.J. BALTÁ CALLEJA, D.S. SANDITOV and V.P. PRIVALKO** The microhardness of non-crystalline materials, p. 4507
- J. N. HAY, A. KHAN** Environmentally friendly coatings using carbon dioxide as the carrier medium, p. 4841
- M. H. BOCANEGRA-BERNAL, S. DIAZ DE LA TORRE** Phase transitions in zirconium dioxide and related materials for high performance engineering ceramics, p. 4947

Volume 38 (2003)

- J. J. PETROVIC** Mechanical properties of ice and snow, p. 1
- K. SAMBASIVA RAO, KI HYUN YOON** Review of electrooptic and ferroelectric properties of barium sodium niobate single crystals, p. 391
- R. A. ANDRIEVSKI** Stability of nanostructured materials, p. 1367
- S.K. SAMANTARAY, K.M. PARIDA** Effect of anions on the textural and catalytic activity of titania, p. 1835
- D.D.L. CHUNG** Acid aluminum phosphate for the binding and coating of materials, p. 2785
- E. ANTOLINI** Formation, microstructural characteristics and stability of carbon supported platinum catalysts for low temperature fuel cells, p. 2995
- S. CHANDRASEKHAR, K. G. SATYANARAYANA, P. N. PRAMADA, P. RAGHAVAN and T. N. GUPTA** Processing, properties and applications of reactive silica from rice husk—an overview, p. 3159
- V. G. PLEKHANOV** Applications of isotope effects in solids, p. 3341

Volume 39 (2004)

- A. BALDAN** Adhesively-bonded joints and repairs in metallic alloys, polymers and composite materials, p. 1
- E. HORNBOGEN** Thermo-mechanical fatigue of shape memory alloys, p. 385
- L. E. MURR, E. V. ESQUIVEL** Observations of common microstructural issues associated with dynamic deformation phenomena: Twins, microbands, grain size effects, shear bands, and dynamic recrystallization, p. 1153
- G. P. TIWARI, J. M. JUNEJA and Y. IJIMA** Role of entropy of fusion in phase transformation and self-diffusion, p. 1535
- S. J. AHMADI, Y. D. HUANG and W. LI** Synthetic routes, properties and future applications of polymer-layered silicate nanocomposites, p. 1919
- C. FURETTA, G. KITIS** Models in thermoluminescence, p. 2277
- D. D. L. CHUNG** Electrical applications of carbon materials, p. 2645

(Continued on next page)

D. D. L. CHUNG Use of polymers for cement-based structural materials, p. 2973

WEI YANG, ZHONG-MING LI, WEI SHI, BANG-HU XIE and MING-BO YANG On auxetic materials, p. 3269

S. K. SAMANTARAY, K. PARIDA Effect of anions on the textural and catalytic activity of titania-silica mixed oxide, p. 3549