
Review papers in Journal of Materials Science Volumes 39, 40 and 41

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
- 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
- J. NJUGUNA, K. PIELICHOWSKI** Recent developments in polyurethane-based conducting composites, p. 4081
- SAN PING JIANG, SIEW HWA CHAN** A review of anode materials development in solid oxide fuel cells, p. 4405
- A. BALDAN** Adhesively-bonded joints in metallic alloys, polymers and composite materials: Mechanical and environmental durability performance, p. 4729
- SI-WEI ZHANG, REN-YANG HE** Advances in the study on wear of metals by polymers, p. 5625
- HAI ZHI YE, XING YANG LIU** Review of recent studies in magnesium matrix composites, p. 6153
- M. H. BOCANEGRA-BERNAL** Hot Isostatic Pressing (HIP) technology and its applications to metals and ceramics, p. 6399

Volume 40 (2005)

- J. SINGH, D. E. WOLFE** Nano and macro-structured component fabrication by electron beam-physical vapor deposition (EB-PVD), p. 1
- Y. KOBAYASHI, T. ISHIZAKA and Y. KUROKAWA** Preparation of alumina films by the sol-gel method, p. 263
- G. ARMSTRONG, M. BUGGY** Hydrogen-bonded supramolecular polymers: A literature review, p. 547
- D. B. SIRDESHMUKH, K. G. SUBHADRA** Consistency checks on elastic properties of crystals, p. 1553
- B. DONKOVA, D. MEHANDJIEV** Thermal—magnetic investigation of the decomposition of copper oxalate—a precursor for catalysts, p. 3881
- TING-LI LU, GUO-ZHENG LIANG, KAI-CHANG KOU and ZHI-AN GUO** Synthesis and characterization of cage octa(cyclohexylsilsesquioxane), p. 4721

(Continued on next page)

M. HAN, D. F. LIANG and L. J. DENG Sensors development using its unusual properties of Fe/Co-based amorphous soft magnetic wire, p. 5573

JIE HU, ZHEN TAO, SONGJUN LI and BAILING LIU The effect of cyclodextrins on polymer preparation, p. 6057

Volume 41 (2006)

CHO GYU BONG, LEE BONG KI, SIN WON CHUL, CHO KWON KOO, AHN HYO JUN, NAM TAE HYUN and KIM KI WON Effects of Cu current collector as a substrate on electrochemical properties of Li/Si thin film cells, p. 313

YU CHEN, MICHAEL HANACK, WERNER J. BLAU, DANILO DINI, YING LIU, YING LIN and JINRUI BAI Soluble axially substituted phthalocyanines: Synthesis and nonlinear optical response, p. 2169