

CONTENTS BY KEYWORD

Adhesion	Novel test to evaluate the bond strength of a luting cement N. Rushe <i>et al.</i>	1251
	Adhesion of glass to steel using a geopolymer B. A. Latella <i>et al.</i>	1261
Biomaterials	Synthesis and characterization of coprecipitation-derived ferrimagnetic glass-ceramic O. Bretcanu <i>et al.</i>	1029
	Novel test to evaluate the bond strength of a luting cement N. Rushe <i>et al.</i>	1251
Ceramics	A study of copper stoichiometry and phase relationships in the copper-zirconium phosphate system: $\text{CuZr}_2(\text{PO}_4)_3\text{-Cu}_{0.5}\text{Zr}_2(\text{PO}_4)_3$ R. H.-W. Christiansen <i>et al.</i>	1197
	Chemical preparation and photoluminescence of partially MgO-substituted ZnO powders K. Inoue <i>et al.</i>	1269
	Microstructure and nonlinear electrical characteristics of $\text{SnO}_2\text{-CuO-Nb}_2\text{O}_5$ system C.-M. Wang <i>et al.</i>	1273
	Preparation and microwave dielectric properties of a new $\text{A}_4\text{B}_3\text{O}_{12}$ -type cation-deficient perovskite $\text{BaLa}_3\text{Ti}_2\text{NbO}_{12}$ L. Fang <i>et al.</i>	1281
Characterization methods	Synthesis and characterization of coprecipitation-derived ferrimagnetic glass-ceramic O. Bretcanu <i>et al.</i>	1029
Coatings	Adhesion of glass to steel using a geopolymer B. A. Latella <i>et al.</i>	1261
Composite materials	Thermal cycles effects on interlaminar shear strength (ILSS) and impact behaviour of carbon/PEI composites T. Sinmazçelik <i>et al.</i>	1233
	Spray processing and wear characteristics of Al-Cu- Al_2O_3 -Pb based composites M. Anil <i>et al.</i>	1073
Deformation and fracture	Solid state joining of steel-Cu P/M preform tubes: use of interlayer and post joining heat treatments B. V. Krishna <i>et al.</i>	1175
Diffusion	Solid state joining of steel-Cu P/M preform tubes: use of interlayer and post joining heat treatments B. V. Krishna <i>et al.</i>	1175
Electrical properties	A study of copper stoichiometry and phase relationships in the copper-zirconium phosphate system: $\text{CuZr}_2(\text{PO}_4)_3\text{-Cu}_{0.5}\text{Zr}_2(\text{PO}_4)_3$ R. H.-W. Christiansen <i>et al.</i>	1197
	Microstructure and nonlinear electrical characteristics of $\text{SnO}_2\text{-CuO-Nb}_2\text{O}_5$ system C.-M. Wang <i>et al.</i>	1273
	Preparation and microwave dielectric properties of a new $\text{A}_4\text{B}_3\text{O}_{12}$ -type cation-deficient perovskite $\text{BaLa}_3\text{Ti}_2\text{NbO}_{12}$ L. Fang <i>et al.</i>	1281
Electrochemistry	Improvement of chemical stability of polymer electrolyte fuel cell membranes by grafting of new substituted styrene monomers into ETFE films J. Chen <i>et al.</i>	1289
Electronic materials	Chemical preparation and photoluminescence of partially MgO-substituted ZnO powders K. Inoue <i>et al.</i>	1269
	Preparation and microwave dielectric properties of a new $\text{A}_4\text{B}_3\text{O}_{12}$ -type cation-deficient perovskite $\text{BaLa}_3\text{Ti}_2\text{NbO}_{12}$ L. Fang <i>et al.</i>	1281
Fracture	Thermal cycles effects on interlaminar shear strength (ILSS) and impact behaviour of carbon/PEI composites T. Sinmazçelik <i>et al.</i>	1233
	Evaluation of material degradation of 1Cr-1Mo-0.25V steel by ball indentation and resistivity C.-S. Seok <i>et al.</i>	1081
Glasses	Adhesion of glass to steel using a geopolymer B. A. Latella <i>et al.</i>	1261
Hardness	Effect of prior cold work on age hardening of Cu-4Ti-1Cd alloy R. Markandeya <i>et al.</i>	1165
Heat treatment	Solid state joining of steel-Cu P/M preform tubes: use of interlayer and post joining heat treatments B. V. Krishna <i>et al.</i>	1175
	Effect of prior cold work on age hardening of Cu-4Ti-1Cd alloy R. Markandeya <i>et al.</i>	1165
Hydrolysis	Improvement of chemical stability of polymer electrolyte fuel cell membranes by grafting of new substituted styrene monomers into ETFE films J. Chen <i>et al.</i>	1289
Intermetallic alloys & compounds	Reactive extrusion and high-temperature oxidation of Ni_3Al K. Morsi <i>et al.</i>	1265
Laminates	Thermal cycles effects on interlaminar shear strength (ILSS) and impact behaviour of carbon/PEI composites T. Sinmazçelik <i>et al.</i>	1233
Magnetic materials	Synthesis and characterization of coprecipitation-derived ferrimagnetic glass-ceramic O. Bretcanu <i>et al.</i>	1029
Mechanical properties	Effect of prior cold work on age hardening of Cu-4Ti-1Cd alloy R. Markandeya <i>et al.</i>	1165
	Correlation between Poisson's ratio and porosity in porous materials J. Kováčik	1247

(Continued)

Metals and alloys	Evaluation of material degradation of 1Cr-1Mo-0.25V steel by ball indentation and resistivity C.-S. Seok <i>et al.</i>	1081
	Dispersion and rheology of nickel nanoparticle inks W. J. Tseng <i>et al.</i>	1213
	Effect of prior cold work on age hardening of Cu-4Ti-1Cd alloy R. Markandeya <i>et al.</i>	1165
Microstructure	Evaluation of material degradation of 1Cr-1Mo-0.25V steel by ball indentation and resistivity C.-S. Seok <i>et al.</i>	1081
	Spray processing and wear characteristics of Al-Cu-Al ₂ O ₃ -Pb based composites M. Anil <i>et al.</i>	1073
	Reactive extrusion and high-temperature oxidation of Ni ₃ Al K. Morsi <i>et al.</i>	1265
Mineral	New atomic scale simulation models for hydroxides and oxyhydroxides A. Chroneos <i>et al.</i>	675
Modelling	Correlation between Poisson's ratio and porosity in porous materials J. Kováčik	1247
Nanomaterials	Dispersion and rheology of nickel nanoparticle inks W. J. Tseng <i>et al.</i>	1213
Optical materials and properties	Chemical preparation and photoluminescence of partially MgO-substituted ZnO powders K. Inoue <i>et al.</i>	1269
Phase diagrams	A study of copper stoichiometry and phase relationships in the copper-zirconium phosphate system: CuZr ₂ (PO ₄) ₃ -Cu _{0.5} Zr ₂ (PO ₄) ₃ R. H.-W. Christiansen <i>et al.</i>	1197
Polymers	Improvement of chemical stability of polymer electrolyte fuel cell membranes by grafting of new substituted styrene monomers into ETFE films J. Chen <i>et al.</i>	1289
Porosity	Correlation between Poisson's ratio and porosity in porous materials J. Kováčik	1247
Powder technology	Reactive extrusion and high-temperature oxidation of Ni ₃ Al K. Morsi <i>et al.</i>	1265
Semiconductors	Microstructure and nonlinear electrical characteristics of SnO ₂ ·CuO·Nb ₂ O ₅ system C.-M. Wang <i>et al.</i>	1273
Solidification	Spray processing and wear characteristics of Al-Cu-Al ₂ O ₃ -Pb based composites M. Anil <i>et al.</i>	1073
Thin and thick film coatings	Dispersion and rheology of nickel nanoparticle inks W. J. Tseng <i>et al.</i>	1213
Wear	Spray processing and wear characteristics of Al-Cu-Al ₂ O ₃ -Pb based composites M. Anil <i>et al.</i>	1073