Molten Salts and Ionic Liquids - Are They Not the Same Thing? p. 3
The Preparation and Characterization of Bombyx Mori Silk Nanocomposites Using Ionic Liquids p. 11
Development of Low Melting Ionic Liquids using Eutectic Mixtures of Imidazolium and Pyrazolium Ionic Liquids p. 21
Fulleride Based Ionic Liquids p. 33
Amino Acid Based Ionic Liquids: Solvents for Improved Biopolymer Dissolution p. 41
Flue Gas Cleaning With Alternative Processes and Reaction Media p. 49
Decomposition of 2,4',5-Trichlorobiphenyl by Using Molten Salt p. 61
About the Acidity Level in Room Temperature Ionic Liquids p. 71
Ordered Structure in Room Temperature Molten Salts Containing Aliphatic Quaternary Ammonium Ions p. 89
Molecular Modeling of Interactions between Ionic Liquids and Metal Surfaces p. 97
Characterization of Flammability Properties of Ionic Liquids p. 105
Preparation of Functionally Graded Aluminum Nitride-Oxide Coatings Using a Precursor Derived from a Chloroaluminate Ionic Liquid p. 117
Ionic Liquid Impregnated Resins in Solid-Liquid Separations p. 123
The Ho3+ Hypersensitive Transitions as Structural Probes for Molten Rare-Earth Achlorides p. 135
A Polarizable-Ion Potential for Trihalides: from Clusters to Liquid Structure p. 145
Quantum Chemical Studies of Li Ion Hopping Mechanism in Polymer Electrolytes p. 163
Physicochemical Properties of Molten KF-K2NbF7-Nb2O5 System p. 169
Ionic Melt Electrolytes for Lithium Battery Applications p. 181
Ionic Liquid Fluorohydrogenates and Their Applications p. 187
Dependence of Oxygen Reduction Reaction on Temperature in (Li/Na/La)CO3 p. 195
Screening and Properties of New Materials for MCFC Application p. 205
Progress in Surface Finishing with Lewis Acidic Room-Temperature Chloroaluminate Ionic Liquids p. 217
Practical Aluminum Plating front a Room Temperature Ionic Liquid p. 233
Electrodeposition of Tin from l-Methyl-3-ethylimidazolium Chloride/AlCl3/SnCl2 Room Temperature Molten Salts p. 239
Electrodeposition of In-Sn Alloys in EMI-BF4-Cl Ambient Temperature Melts with Current Pulses p. 249
Nickel Electrodeposition from a Room Temperature Eutectic Melt p. 253
Electrochemical Reduction of Tantalum Compounds in Ambient Temperature Melts p. 263
Electrochemical Studies of Magnesium Deposition in Ionic Liquids p. 269
Fabrication of Porous Metal Surfaces from a ZnCl2-l-Ethyl-3-Methylimidazolium Chloride Ionic Liquid p. 281
Electrodeposition of Cobalt from an Imide-Type Room-Temperature Ionic Liquid p. 287
The Bis((trifluoromethyl)sulfonyl)imide-Based Room Temperature Ionic Liquids Used for Several Electrochemical Applications p. 297