

Table of Contents

Preface

Synthesis of Bioactives Coumarin Derivatives, Phthalocyanines and Terminal Conjugated Dienes via a Ruthenium Catalyzed Cross-Metathesis: Application to Renewable Resources H. Bilel, R. Medyouni, A.S. Al-Ayed, N. Hamdi, C. Fischmeister and C. Bruneau	1
Lead Poisoning – The Roman Scenario and Today’s World S.D. Sharma and C. Sharma	46
Graphene Based Functional Hybrid Nanostructures: Preparation, Properties and Applications A. Chatterjee and D. Hansora	53
Electrical Conductivity, Dielectric, Modulus and Optical Studies of Ag₂SO₄ and TiO₂ Composite Solid Electrolytes M.Z. Iqbal and Rafiuddin	76
Fabrication, Characterization and Cytotoxicity of Guar Gum/Copper Oxide Nanocomposite: Efficient Removal of Organic Pollutant G. Sharma, R. Katwal and G. Sharma	88
Engineered Wood Composite of Laminated Veneer Lumber: Physical and Mechanical Properties K.C. Liew and S. Grace	103
Studies on Influence of Chemical Modification, Plasticizer and Starch Concentration on Some Characteristics of Biodegradable Film C.S. Riar	129
Biomedical Implants and Tissues: Status and Prospects H. Husain and R. Ahmad	157
Green Analytical Methods in Analysis of Aflatoxins S. Ali	172
Carbohydrate-Based Advanced Biomaterials for Food Sustainability: A Review A. Valdés and M.C. Garrigós	182
Synthesis and Characterization of Zirconium-Resorcinol Phosphate; A New Hybrid Cation Exchanger and Dye Adsorbent for Water Treatment S.Z. Fathima and A.H. Pandith	196