

Table of Contents

Pinhole-Free PbS Thin Film Production Using a Low-Temperature Chemical Bath Deposition Method M. Önal and B. Altiokka	1
Effect of Solution Concentration on ZnO/ZnAl₂O₄ Nanocomposite Thin Films Formation Deposited by Ultrasonic Spray Pyrolysis on Glass and Si(111) Substrates S. Iaiche, C. Boukaous, D. Alamarguy, A. Djelloul and D. Hamana	10
On the Distance Directional Growth of Ga_xO_y Nanomaterials Concerning the Surface Au Droplets and Au/Ga/O Clusters Outward Diffusion on the Separated Au Islands/Strips on Gaas Substrate Using Thermal Vapor-Liquid-Solid Method K.A. Dao, T.T. Nguyen and H.T. Pham	31
Nanocomposite Synthesis from a Natural Clay-Rich Soils and Exhausted Coffee Grounds for Environmental Applications V. Urdapilleta-Inchaurregui, F. Fernández-Luqueño, A.M. Torres-Huerta, D. Roa-Velázquez, F.J. Rodríguez-Varela and M.E. Sánchez-Castro	47
Hydrophobic Zinc Oxide Nanocomposites for Consolidation and Protection of Quartzite Sculptures: A Case Study Y.K. Hefni	64
Production of Reduced Al Nanoparticles from Al Oxide by Applying High Voltage Pulses to Solutions T. Saiki and S. Taniguchi	76
Effect of Processing Parameters on the Morphology, Particulate, and Superconducting Properties of Electrospun YBCO Nanostructures S.E. Jasim, M.A. Jusoh, M.A. Kamarudin, F. Esa and R. Nazlan	89
Multi-Objective Optimization of Magneto Rheological Abrasive Flow Nano Finishing Process on AISI Stainless Steel 316L S. Kathiresan and B. Mohan	98
Forced Axial Vibration of a Single-Walled Carbon Nanotube Embedded in Elastic Medium under Various Moving Forces F. Khosravi, S.A. Hosseini and A. Tounsi	112
Effect of Gate Engineering and Channel Length Variation in Surrounding Gate MOSFETs P. Vimala and T.S.A. Samuel	134