

Table of Contents

Colloidal Synthesis of CdSe Nanocrystals: Preparation, Characterization in Different Organic Solvent A.M. Kadim	1
CdSe/CdS Quantum Dot Core-Shell for Silicon Solar Cell Efficiency Enhancement M.M. Abdullah and O.A. Ibrahim	8
Structural and Morphological of Pulsed Laser Deposited Magnesium Phthalocyanine (MgPc) Thin Film N.M. Ibrahim and E.K. Hassan	15
Metal Phthalocyanine Modified Multi Walled Carbon Nanotubes; DC-Conductivity and Optical Properties A.H.M. Jassim and H. Banimuslem	22
Solution-Processed Silver Electrode for Inverted Organic Solar Cell Based on Easily Deposited Hole Transporting Layer onto Hydrophobic Active Layer Y.A.M. Ismail, E.R. Shaaban, A.A. Showahy, S. Mahmoud and A.A.M. Ismail	37
Influence of Different Nano-Structured Fillers on the Performance of Epoxy Nanocomposites A. Osman, A. Elhakeem, S. Kaytbay and A. Ahmed	51
Development of Melamine Electrochemical Sensor Using Molecularly Imprinted Conducting Polyaniline-Oxalic Acid Blend as a Molecular Recognition Element M.B. Regasa, O.E. Femi, T.R. Soreta, P.C. Ramamathy and S. Kumaran	61
Synthesis and Characterization of Graphene Prepared from Rice Husk by a Simple Microwave Process M. Kumar, A. Sachdeva, R.K. Garg and S. Singh	74
Fabrication and Characterization of Banana Fiber Reinforced Unsaturated Polyester Resin Based Composites M.S. Hossain, M.B. Mobarak, F.K. Rony, S. Sultana, M. Mahmud and S. Ahmed	84