

## **Table of Contents**

<b>Optimization of Lead Adsorption on Rice-Husk Supported Zerovalent Iron Nanoparticles Using Response Surface Methodology</b>	
A.P. Olalekan, B.S. Fakinle, A.O. Dada, O.B. Akpor and O. Oribayo	1
<b>Organic/Inorganic Nanocomposite for Enhancement of H<sub>2</sub>S Gas Sensor</b>	
I.M. Ibrahim and S.I. Sharhan	12
<b>Mechanical and Interfacial Characterization of Jute Fabrics Reinforced Unsaturated Polyester Resin Composites</b>	
F. Islam, M.N. Islam, S. Shahida, H.A. Rashid, N. Karmaker, F.A. Koly, J. Mahmud, K.N. Keya and R.A. Khan	22
<b>Biosynthesis of Silver Nanoparticles from <i>Eucalyptus corymbia</i> Leaf Extract at Optimized Conditions</b>	
M.J. Sila, M.I. Nyambura, D.A. Abong'o, F.B. Mwaura and E. Iwuoha	32
<b>A Novel Method for Mixing Nanomaterials with Soil</b>	
A.A. Firoozi, M.R. Taha, T.A. Khan, F. Hejazi, A.A. Firoozi and J.M.A. Alsharef	46
<b>Free Vibration Analysis of Composite Material Plates "Case of a Typical Functionally Graded FG Plates Ceramic/Metal" with Porosities</b>	
M. Slimane	69
<b>Zinc Oxide/ Silver Sulfide (ZnO/Ag<sub>2</sub>S) Core-Shell Type Composite for Wide Range Absorption of Visible Spectra: Synthesis and Characterization</b>	
A.M. Babeer and L. Aamir	84