

## **Table of Contents**

<b>Carbonate Hydroxyapatite - A Multifunctional Bioceramics with Non-Medical Applications</b> D.G. Adekanmi, C.R. Garcia and C.M. Lopez-Badillo	1
<b>Response Optimisation and Modelling of Experimental Data on the Performance of <i>Lasienthera africanaum</i> Leaves Extract as a Corrosion Inhibitor on Mild Steel in Hydrochloric-Induced Environment</b> S.O. Okuma, O.D. Ofuyekpone, C.C. Nwaeju, M. Obaseki and E.O. Ogagavwodia	25
<b>Effect of Sulfonating Agent on Esterification Reaction Using Aerogel Carbon Based Support Material</b> S.E. Laksono, A.S. Suryandari, W. Widiyastuti, T. Nurtono and H. Setyawan	41
<b>Utilization of Ketapang Seed Shells in Reducing Pb(NO<sub>3</sub>)<sub>2</sub> Metal Levels by Adsorption Process</b> R. Firianto, R. Ambarwati and C. Chika	51
<b>Utilization of Adsorbent Based on Rice Straw (<i>Oryza sativa</i>) for Cr(VI) Ions Reduction in Aqueous Solutions</b> H. Harmami, I. Ulfin, B.G. Ramadhan and K.A. Madurani	61
<b>Bilayer Solar Steam Generator by Co-Gelation Method</b> A.N.F. Pamuji, J. Juliananda, W. Widiyastuti, T. Nurtono and H. Setyawan	71
<b>Effect of Doping ZnO on Activated Carbon Prepared from Waste Paper for Photocatalytic Applications</b> J. Wardah, S. Winardi, S. Madhania, M.I.F. Rozy and K. Kusdianto	79
<b>Highly Porous Ni Electrode Decorated with Fe<sub>3</sub>O<sub>4</sub> for Oxygen Evolution Reaction(OER)</b> B.S. Wardhana, S.W. Lee and J.S.C. Jang	89