

# Table of Contents

<b>Mechanism Study of Green Synthesis and Antibacterial Attribute of <i>Polyalthia longifolia</i> Based Gold Nanoparticles</b>	
S. Mumtaz, R. Nadeem, R.A. Sarfraz and M. Shahid	1
<b>Synthesis of Silver Nanoparticles Using <i>Sideritis montana</i> L. Leaf Extract: Characterization, Catalytic Degradation of Methylene Blue and Antioxidant Activity</b>	
R. Erenler and E.N. Gecer	17
<b>Effect of TiO<sub>2</sub> Nanoparticles with High Light Absorption on Improving Growth Parameters and Enzymatic Properties of Sorghum (<i>Sorghum bicolor</i> L. Moench)</b>	
M. Hassan, A.G. Ahangar and N. Mir	29
<b>Application of Fe<sub>3</sub>O<sub>4</sub>@Carbon/Graphene Oxide Nanocomposites for Cu(II) Removal from Wastewater</b>	
M.Y. Wu, R.L. Wu, C.Q. Zang, C.Y. Yu and Y.F. Liu	41
<b>Hierarchical ZnO Nanomaterials with Superior Photocatalytic Properties</b>	
M.R. Alenezi, A.M. Almeshal and A.N.F.N.R. Alkhaledi	59
<b>Electrolyte-Dependent Capacitance of Titanium Dioxide Nanotube Array Electrode Substrate</b>	
F. Wu, C. Yao and Y.B. Xie	71
<b>Corrosion Protection of Mild Steel by Polyaniline/Tin-Doped Titania Nanocomposite</b>	
F.A. Rahman, W.J. Basirun, M.R. Johan, N. Ghazali and M. Ladan	81
<b>Nanoparticle and Schiff Base Compound in Poly(O-Aminobenzyl Alcohol) Coating for Protection of 316L Stainless Steel against Corrosion</b>	
A.T. Ozyilmaz, C. Celik and B. Ozgen	99
<b>Remarkable Electrothermal Behaviors and Performance Stability of Carbon Nanotube Films Densifying with Various Methods</b>	
S.J. Wu, S.N. Cha, Y. Abbas, Z.Y. Zhao, H.L. Hou and X. Xue	121
<b>Nanoparticle Shapes Effects on MHD Flow of Hybrid Nanofluid over a Stretching/Shrinking Sheet with Slip and Chemical Reaction</b>	
R.I. Yahaya, N.M. Arifin, F.M. Ali and S.S.P. Mohamed Isa	139