Content	Pages
A New Highly Selective and Ratiometric Chromogenic Sensor for Cu <sup>2+</sup> Detection	1-11
Puspendu Roy	
SAPO-34 Zeolites/Polyamide (PA) Mixed-Matrix Membranes with Enhanced CO <sub>2</sub> /CH <sub>4</sub>	12-21
Separation Performance	
Barun Kumar Mondal, Soumendu Bisoi	
A Brief Review on Recent Rh-Catalyzed C-H Bond Activation in Pyridines and	
Quinolines	22-40
Rupankar Paira	
Diversity of Zinc Oxide-Nanoconjugate: Photophysical and Photochemical Aspect	41-53
Piyali Mitra	
Oxidation of Nitrite by An {Mn <sub>4</sub> O <sub>6</sub> } <sup>4+</sup> Core in Aqueous Media: Proton Coupled Electron	
Transfer	54-66
Suranjana Chatterjee	
Anticancer Activity of 1,3-diaryltriazene Based Compounds- An Overview	67-78
Chhandasi Guha Roy Sarkar	
Redefining Chemical Practices for a Low-Carbon Future through Sustainability with	
Eco-Chemistry	79-90
Amit Kumar Kundu, Aniruddha Mondal, Prasenjit Mandal	
Applications of Green Solvents for the Development of Sustainable Chemical Process	91-100
Aniruddha Mondal, Amit Kumar Kundu, Prasenjit Mandal	
Recent Developments in the Biological Activities of 2-Pyrazoline Derivatives	101-111
Attreyee Mukherjee	
An Attempt to Understand the Food in Packages: Food Additive Chemicals	112-125
Subhrajit Banerjee	
Synthesis and Magnetic Properties of Polynuclear Complexes of 1st Transition Metals	
A Mini Review	126-133
Apurba Biswas	
Green Hydrogen, an Alternative Renewable Energy Source: Based on Solar-Light-	134-148
Driven Water Splitting Technology	134-140
Amit Kumar Dutta	
Gold-catalyzed Cycloisomerization of ortho-Nitro-alkynylbenzene: Mechanistic	149-161
Developments	149-101
Biswajit Panda	
Effect of Temperature on Dissociation Constant and Determination of Equivalent	
Conductance at Infinite Dilution ( $\Lambda^{\circ}$ ) of Two Weak Acids	162-170
Debashree Ganguly, Sugata Samanta	