

Table of Contents

Volume 3 Number 4

October 2014

Design and Synthetic Scheme of Water Dispersible Graphene Oxide-Coumarin Complex for Ultra-Sensitive Fluorescence Based Detection of Copper (Cu²⁺) Ion in Aqueous Environment	
S. Basumallick.....	45
A Comparative Study of Electronic Properties of Bulk MoS₂ and Its Monolayer Using DFT Technique: Application of Mechanical Strain on MoS₂ Monolayer	
S. Ahmad, S. Mukherjee.....	52
Transmission of Terahertz Acoustic Waves through Graphene-Semiconductor Layered Structures	
S. H. Zhang, W. Xu, F. M. Peeters.....	60