

TABLE OF CONTENTS

Volume 2 Number 1

February 2013

Synergistic Effect of Fullerene-Capped Gold Nanoparticles on Graphene Electrochemical Supercapacitors

V. Yong, H. T. Hahn.....1

Synthesis of La/N Co-Doped SrTiO₃ Using Polymerized Complex Method for Visible Light Photocatalysis

U. Sulaeman, S. Yin, T. Sato.....6

Influence of CdS Nano Additives on the Thermal Conductivity of Poly(vinyl chloride)/CdS Nanocomposites

D. Patidar, N. S. Saxena.....11

Distribution of c-erbB2 Antisense Probe Labeled with Superparamagnetic Iron Oxide Nanoparticles in the Major Organs of Mice on MR Imaging

Z. P. Wen, H. Y. Liu, H. R. He, S. D. Tan, M. Wen, S. L. Li.....16

Modified Bow-Tie Nanoparticles Operating in the Visible and Near Infrared Frequency Regime

R. Iovine, L. La Spada, L. Vigni.....21

Single Step Solid-Solid Reaction Scheme for the Synthesis of Cobalt Sulphide-Oxide Nanoparticles in Polymer Matrix

N. Rumale, S. Arbuj, G. Umarji, M. Shinde, U. Mulik, A. Pokle, D. Amalnerkar.....28

Deposition of Monodisperse Platinum Nanoparticles of Controlled Size on Different Supports

Z. Kaidanovych, Y. Kalishyn, P. Strizhak.....32

Investigation of the Release of Particles from a Nanocoated Product

O. Le Bihan, N. Shandilya, L. Gheerardyn, O. Guillou, E. Dore, M. Morgeneyer.....39

Synthesis of ZnO Nanoparticles by a Novel Surfactant Assisted Amine Combustion Method

Y. T. Prabhu, K. V. Rao, V. S. S. Kumar, B. S. Kumari.....45

Studies on Dissolution Behaviour of Nanoparticulate Curcumin Formulation

R. Ravichandran.....51

Molecularly Imprinted Polymers for the Detection of Food Toxins: A Minireview

S. S. Saini, A. Kaur.....60

Microwave Synthesis, Characterization and Photocatalytic Properties of SnO₂ Nanoparticles

A. K. Singh, U. T. Nakate.....66