

TABLE OF CONTENTS

Volume 1 Number 3

November 2012

Technical Note: Synthesis and Characterization of Anisotropic Gold Nanoparticles

T. Grewar, M. Gericke.....15

Influence of Temperature on Calcium Hydroxyapatite Nanopowders

A. Zannotto, M. L. Saladino, D. C. Martino, E. Caponetti.....21

Augmentation of Multifunctional Properties of Cellulosic Cotton Fabric Using Titanium Dioxide Nanoparticles

M. Gouda, A. I. Aljaafari.....29

Preparation and Characterization of Nano-Sized ($\text{Mg}_{(x)}\text{Fe}_{(1-x)}\text{O}/\text{SiO}_2$) ($x = 0.1$) Core-Shell Nanoparticles by Chemical Precipitation Method

M. Ahmadipour, M. Hatami, K. V. Rao.....37

Lipopolysaccharide Modified Liposomes for Amyotrophic Lateral Sclerosis Therapy: Efficacy in SOD1 Mouse Model

N. J. Wiley, A. B. Madhankumar, R. M. Mitchell, E. B. Neely, E. Rizk, G. L. Douds, Z. Simmons, J. R. Connor.....44

Excited State Interaction of Laser Dyes and Silver Nanoparticles in Different Media

Y. S. El-Sayed, M. Gaber.....54

Palladium (0) Nanoparticles: A Novel and Reusable Catalyst for the Synthesis of Various Pyran Derivatives

M. Saha, A. K. Pal.....61

Preparation of Gold Nanoparticles Loaded Chitin Nanofiber Composite

Z. Shervani, Y. Taisuke, S. Ifuku, H. Saimoto, M. Morimoto.....71

Pin Oak (*Quercus palustris*) Leaf Extract Mediated Synthesis of Triangular, Polyhedral and Spherical Gold Nanoparticles

J. D. Judy, N. V. K. V. P. Tollamadugu, P. M. Bertsch.....79

One-pot Synthesis of TiO_2 Nanoparticles in Suspensions for Quantification of Titanium Debris Release in Biological Liquids

C. Massard, D. Bourdeaux, V. Raspal, E. F.-Chassot, Y. Sibaud, E. Caudron, T. Devers, K. O. Awitor.....86