

TABLE OF CONTENTS

Volume 3 Number 4

August 2013

Effect of Substrates on the Properties of ZnO Thin Films Grown by Pulsed Laser Deposition

- A. Taabouche, A. Bouabellou, F. Kermiche, F. Hanini, S. Menakh, Y. Bouachiba, T. Kerdja, C. Benazzouz, M. Bouafia, S. Amara.....209

Synthesis of Yb³⁺ Doped TiO₂ Nano Particles Powder as IR Filter via Sol-Gel

- M. A. Hamza, A. Sh. Khalil, H. M. Yaseen.....214

Electroosmotic Water Vapor Transport across Novel, Smart, Functionalized Conducting Polymer Microporous Membranes in Active Mode at Very High Rates, with Concomitant Chemical Warfare (CW) Agent Blocking

- P. Chandrasekhar, P. Pirgov, B. J. Zay, D. Lawrence, S. Morefield, T. L. Rittenhouse, S. G. Clementi, Q. Truong, R. R. Greene.....217

The figure on the front cover is from the article published in *Advances in Materials Physics and Chemistry*, 2013, Vol. 3, No. 4, pp. 209-213 by Adel Taabouche, Abderrahmane Bouabellou, Fouad Kermiche, *et al.*