

Table of Contents

Volume 6 Number 7

July 2018

Atomic Diffusion and Electric Conductivity of Gum Arabic/Graphite Composite

B. I. Adham, H. M. El-Khair.....91

Thermoelectric Properties of Misfit Layered Bismuth-Based Rhodium Oxides, $(\text{Bi,Pb})_2\text{Sr}_2\text{Rh}_2\text{O}_7$

T. Watanabe, H. Irie.....97

Silicon Nanocrystals on the Surface of Standard Si Wafers: A Micro-Raman Investigation

M. S. G. Mohammed, E. Cazzanelli, A. Fasanella, M. Castriota.....104

Barium Hydroxide Octahydrate $(\text{Ba}(\text{OH})_2 \cdot 8\text{H}_2\text{O})$ as a Substitute Alternative for Barium Carbonate (BaCO_3) in Synthesis Superconductor of $\text{Nd}_1\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ Phase

M. Sumadiyasa, I. B. S. Manuaba, P. Suardana.....117

Experimental Approaches to Improve Thermal Stability of Organic Phase Change Properties

A. Al Irobaidi.....125

Fabrication and Corrosion Behaviour of Aluminium Alloy (LM-13) Reinforced with Nano-ZrO₂ Particulate Chilled Nano Metal Matrix Composites (CNMMCs) for Aerospace Applications

J. Hemanth, M. R. Divya.....136

Lanthanum-Neodymium-Co-Substituted Calcium Fluorobritholites

M. Hidouri, N. Albeladi.....151