

Table of Contents

Characterization and Properties of ZnO:Nd³⁺ Nanomaterial Synthesized by Chemical Synthesis Method

S. Pal, J.P. Singh, Y.K. Sharma, A. Nag, S.C. Huang and S.L. Chung 1

-Two-Stage Hydrothermal Synthesis of TiO₂ Nanotubes with Variations of TiO₂/NaOH Molar Ratio

T. Haryati, D.F. Metiardo, A.N. Diana, S. Suwardiyanto, Y.A. Sulistiyo and N. Andarini 15

The Study of the Electrochemical Corrosion Behavior of Cu-30%Fe Nanoalloy

W. Laslouni, A. Haddad, H. Mechri, Z. Hamlati and M. Azzaz 25

Evaluation of Black Powder Formation in Natural Gas Transporting Pipelines Network and Study of Thermal Decomposition Kinetics under Inert Atmosphere

A.D. Hussein, S.A. Al-Bayaty and R.A.H. Al-Uqaily 37

The Structural, Magnetic, and Electrochemical Properties of Composite

PAni/Co_{0.2}Mn_{0.8}Fe₂O₄ 45

S. Raad, M.M. Ismail and I.M. Ibrahim