

Table of Contents

Promising Organic Inhibitor of Salak (<i>Salacca zalacca</i>) Peel Extract on AISI 1040 D.I. Darmawan, M. Rifani, M.P.D. Lubis, H.A. Dewanto, F. Kurniawan, Y. Mohd and Y. Triana	1
Performance of Salak (<i>Salacca zalacca</i>) Seed Extract to Green Corrosion Inhibitor on AISI 1040 Steel M. Rifani, D.I. Darmawan, A.W. Yusariarta, J. Awali, F. Kurniawan, M. Tominaga, Y. Mohd and Y. Triana	11
Detection of Quinine in Phosphate Buffered 0,1 M by Using Boron-Doped Diamond Electrodes I. Al Habib, A.I. Ismail, D. Umanigrum, A. Purniawan, M. Handayani, G. Ogata, Y. Einaga and Y. Triana	23
Direct Electron Transfer and Electro-Catalytic Activity of Non-Enzymatic Glucose Biosensor Based on Silver Nanoparticle (AgNPs) Stabilized with Sodium Tripolyphosphate (NaTPP) Cross-Linked Chitosan A.A. Bamigbade, E.O. Dare, B.S. Badmus and T. Bamgbose	33
Synthesis and Investigation of Surface Tension Properties of Fatty Pyrimidinium Betaines M. Fatiha, M. Amina and H. Kahina	53
Photoluminescent Polymer Nanocomposites: Innovative Materials for Enhanced Light Management and Crop Yield Optimization A.E. Olowofoyeku, A.K. Aremu, A.O. Olorunnisola, A.E. Olowofoyeku, E.O. Faluyi and D.G. Adekanmi	61
Adsorptive Removal of Methylene Blue (MB) from Wastewater: A Comparative Modeling Study Utilizing RSM, ANN, and ANFIS Model E. Igberase and I. Mkhize	85