

Table of Contents

Gold Microplates with Nano-through-Holes for Nano-Raman Analysis of Solid Surface O.D.O.N. Del Aguila, H. Itasaka, T. Namazu and M. Nishi	1
Fabrication and Simulation of Broadband Surface-Enhanced Raman Spectroscopy (SERS) Based on Disordered Nanoplasmonics S. Patpong, P. Pengphorm, S. Boonsit, P. Kalsuwan, N. Sitpathom and C. Daengngam	9
Nanobubble Transport through Membrane Insert and Agarose Gel C.J.H. Pescos, A.A. Exner and T.P. Tumolva	15
An Efficient and Flexible Preparation Method for Multilayer Functional Aramid Nanofibers-Based Aerogel Z. Wang, T.L. Shi and H. Long	21
Evaluation of Hybrid Nanofluid for Application in Enhanced Oil Recovery W.K. Kewu, A.H. El Shazly, A. Zkria, H. Naragino and U. Nour Eldemerdash	27
One-Pot Synthesis of Blue Fluorescent Carbon Quantum Dots Derived from <i>Simmondsia chinensis</i> Seed Meal W.S. Mabior, H. Soliman and M. Ghali	33
Synthesis and Photoluminescence Properties of Carbon Dots from Moringa Oleifera Leaves F.S.A. El-Kawy, S. Hammad, H. Talaat and M. Ghali	39
Synthesis of Carbon Quantum Dots from Corn Silk D. Abdelmonsef, S. Hammad and M. Ghali	45
Novel Multi-Spacer Hk/Mg 28 nm Planar MOSFET for Superior Subthreshold Swing and DIBL Optimization: Simulation Design and Process Investigation Z.T. Xiao, Z.H. Zhang, Y.H. Zheng, J.H. Shi, C.X. Wang, Y.T. Jiang and I. Aynul	51