

Table of Contents

Analysis of the Factors Affecting the Value-Added to Dried Pineapple Fruits Using a Simple Interactive Computer Model S. Manyele	1
Downscaled Capillary Pressure and Relative Permeability of Small Cores for Network Model Validation O.A. Olafuyi, Y. Cinar, M.A. Knackstedt and W.V. Pinczewski	15
Natural Gas Hydrates – A Review of the Resources Offshore Nigeria and around the Globe U.P. Igboanusi and J.U. Okere	27
A Review of Materials Characterisation by Quantitative Microscopy C.C. Chama	35
Effect of Squeeze Pressure on Microstructure, Aging and Mechanical Properties of A357/ ZrO₂ Composite M.A. El-Khair	59
An Integer Linear Programming Model for Project Portfolio Selection in a Community C.O. Anyaeche and R.A. Okwara	67
Neuro-Fuzzy Based Modeling of Electrostatic Fields for Harmattan Season in Zaria O. Akinsanmi, B.A. Adegboye, G.A. Olarinoye and M.B. Soroyewun	75