

## Table of Contents

<b>Design of a Press for Densification of Waste Biomass in Developing Countries</b> A. Mazzù	1
<b>Monte Carlo Analysis as a Tool for Characterizing Uncertainty in Optical Calibration of End Standards</b> N. Farid	18
<b>The Study of Elastic-Plastic Fatigue Behavior of Nigerian-Rolled NST 37-2 Steel</b> B.O. Malomo, S.A. Ibitoye and L.O. Adekoya	28
<b>Development of Composite Material from Agricultural Wastes</b> J.O. Osarenmwinda and J.C. Nwachukwu	42
<b>Design, Analysis and Experimental Evaluation of Photovoltaic Forced Convection Solar Dryer for the Tropics</b> A.O. Adelaja and S.J. Ojolo	49
<b>Optimization of Biodiesel Production from Jatropha Oil</b> A. Okullo, A.K. Temu, J.W. Ntalikwa and P. Ogwok	62
<b>Thermochemical Evaluation of Hydroxyl and Peroxyl Radical Precursors in the Formation of Tropospheric Ozone Reactions</b> G.O. Umosekhaimhe and S.E. Umukoro	74
<b>Assessment of Bentonite Influence on Hydraulic Conductivity of Lateritic Soil</b> A.A. Amadi and K.J. Osinubi	84
<b>Statistical Analysis of Polarized Wide-Band MIMO Channels in an Indoor Environment</b> J.D. Muhehe, L.M. Muia, W.O. Ogola, C.G. Pardo, J. Molina-Garcia-Pardo and L. Juan-Llacer	94