Advanced Engineering Forum Vol. 40

Table of Contents

Microstructural Characterization and Mechanical Properties in Friction Stir Welding of AA6061 and AA6101 Aluminum Alloys	1
G. Singh, K. Goyal, B. Ram and B. Krishan	1
Synthesis of AA7075 Based 10 wt.% Graphite Reinforced Composites for High Damping	
Capacity N.B. Dhokey, A.G. Jadhav, S.S. Nimbalkar and V. Nimbalkar	13
Electrospun Polyacrylonitrile Carbon Nanofiber for Supercapacitor Application: A Review S. Dubal and S. Chavan	25
Data Science and Machine Learning Technique for Predicting Electrical Resistivity in Recycled Concrete with Nopal as Addition J.A. Guzmán-Torres, A. Zalapa-Damian, F.J. Domínguez-Mota and E.M. Alonso-Guzmán	43
Fluid Flow in Composite Cylindrical Regions R. Umadevi, D.V. Chandrashekhar, P.A. Dinesh and D.V. Jayalakshmamma	63
Performance Evaluation of a Developed Dried Grass Shredding Machine for Composting P.O. Ebunilo, V.E. Atumah and E.K. Orhorhoro	73
Model-Based Receding Horizon Control of Wind Turbine System for Optimal Power Generation	
P.A. Gbadega and A.K. Saha	83