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Title	Year
Prediction and Analysis of Abrasive Water Jet Machining Performance on Hybrid Composite S Vigneshwaran, M Uthayakumar, V Arumugaprabu Journal of Testing and Evaluation 48 (2)	2020
Mechanical property analysis of biochar derived from cashew nut shell waste reinforced polymer matrix R Sundarakannan, V Arumugaprabu, V Manikandan, S Vigneshwaran Materials Research Express	2019
Low velocity impact, compression after impact and morphological studies on flax fiber reinforced with basalt powder filled composites A Prasath, V Arumugaprabu, A Pandian, V Manikandan, RDJ Johnson Materials Research Express	2019
Mechanical Property, Wear Characteristics, Machining and Moisture Absorption Studies on Vinyl Ester Composites–a Review RDJ Johnson, V Arumugaprabu, TJ Ko Silicon 11 (5), 2455-2470	2019
Low velocity impact and compression after impact damage responses on flax/basalt fiber hybrid composites KA Prasath, P Amuthakkannan, V Arumugaprabu, V Manikandan Materials Research Express 6 (11), 115308	2019
Study of Tribological Properties of Nano-Sized Red Mud Particle-Reinforced Polyester Composites S Richard, J SelwinRajadurai, V Manikandan, MC Thanu, ... Transactions of the Indian Institute of Metals 72 (9), 2417-2431	2019
Development and sustainability of industrial waste-based red mud hybrid composites S Vigneshwaran, M Uthayakumar, V Arumugaprabu Journal of Cleaner Production 230, 862-868	2019
Analysis on constructional hazards, risk assessment techniques and safety helmets in construction sites S Ajith, C Sivapragasam, V Arumugaprabu AIP Conference Proceedings 2128 (1), 050013	2019

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Constitutive models to predict the mechanical performance of sansevieria cylindrica reinforced vinyl ester composite V Arumugaprabu, YS Munde Materials Research Express 6 (9), 095310	2019
Quantification of risk and assessment of key safety factors for safe workplace in Indian building construction sites S Ajith, C Sivapragasam, V Arumugaprabu Asian Journal of Civil Engineering 20 (5), 693-702	2019
Solid particle erosion study on redmud-an industrial waste reinforced sisal/polyester hybrid composite S Vigneshwaran, M Uthayakumar, V Arumugaprabu Materials Research Express 6 (6), 065307	2019
Solid particle erosion on the biochar filled hybrid vinyl ester composite RDJ Johnson, V Arumugaprabu, MP Kumar, K Dheeraj AIP Conference Proceedings 2057 (1), 020064	2019
Performance of surface-textured end-mill insert on AISI 1045 steel V Arumugaprabu, TJ Ko, ST Kumaran, R Kurniawan, Y Kwak, Z Yu, ... Materials and Manufacturing Processes 34 (1), 18-29	2019
A review on hazards and their consequences in firework industries S Ajith, C Sivapragasam, V Arumugaprabu SN Applied Sciences 1 (1), 120	2019
Failure analysis in hybrid composites prepared using industrial wastes V Arumugaprabu, TJ Ko, M Uthayakumar, RDJ Johnson Failure Analysis in Biocomposites, Fibre-Reinforced Composites and Hybrid ...	2019
Effective Utilization of Industrial Wastes for Preparing Polymer Matrix Composites: Usage of Industrial Wastes V Arumugaprabu, R Pragatheeswaran Handbook of Research on Green Engineering Techniques for Modern ...	2019
Review on Machinability of Fiber Reinforced Polymers: A Drilling Approach S Vigneshwaran, M Uthayakumar, V Arumugaprabu Silicon 10 (5), 2295-2305	2018

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Influence of redmud particle hybridization in banana/sisal and sisal/glass composites VA Prabu, ST Kumaran, M Uthayakumar Particulate Science and Technology 36 (4), 402-407	2018
Erosion performance studies on sansevieria cylindrica reinforced vinylester composite RDJ Johnson, V Arumugaprabu, M Uthayakumar, S Vigneshwaran, ... Materials Research Express 5 (3), 035309	2018
Abrasive water jet machining of fiber-reinforced composite materials S Vigneshwaran, M Uthayakumar, V Arumugaprabu Journal of Reinforced Plastics and Composites 37 (4), 230-237	2018
Polyester-based redmud reinforced banana fibre composites: impact and flexural property studies V Arumugaprabu, M Uthayakumar, V Manikandan International Journal of Computer Aided Engineering and Technology 10 (1-2 ...	2018
A Brief Review on Importance of Surface Texturing in Materials to Improve the Tribological Performance V Arumugaprabu, TJ Ko, T Kumaran, R Kurniawan, M Uthayakumar Reviews on Advanced Materials Science 53 (1), 40-48	2018
Measurement of burr removal rate and analysis of machining parameters in ultrasonic assisted dry EDM (US-EDM) for deburring drilled holes in CFRP composite R Kurniawan, ST Kumaran, VA Prabu, Y Zhen, KM Park, YI Kwak, ... Measurement 110, 98-115	2017
Performance evaluation of abrasive water jet machining on banana fiber reinforced polyester composite VA Prabu, ST Kumaran, M Uthayakumar Journal of natural fibers 14 (3), 450-457	2017
Usage of industrial wastes as particulate composite for environment management: hardness, tensile and impact studies VA Prabu, RDJ Johnson, P Amuthakkannan, V Manikandan Journal of environmental chemical engineering 5 (1), 1289-1301	2017
A review on erosion studies of fiber-reinforced polymer composites S Vigneshwaran, M Uthayakumar, V Arumugaprabu Journal of Reinforced Plastics and Composites 36 (14), 1019-1027	2017

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Mechanical characterization of coir/palmyra waste fiber hybrid composites V Arumugaprabu, M Uthayakumar, F Cardona, MTH Sultan IOP Conference Series: Materials Science and Engineering 152 (1), 012054	2016
Mechanical characterization of coir/palmyra waste fiber hybrid composites FCMTHS V Arumugaprabu, M Uthayakumar IOP Conf. Series: Materials Science and Engineering 152 (1), 1-6	2016
Influence of redmud filler on Palmyra fruit and Palmyra fiber waste reinforced polyester composite: hardness, tensile and impact studies VA Prabu, V Manikandan, R Venkatesh, P Vignesh, S Vignesh, ... Mater Phys Mech 24, 41-49	2015

Signature of the Supervisor