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WEAR STUDY OF JUTE FIBER POLYMER COMPOSITE—INFLUENCE OF MONTMORILLONITE NANOPARTICLES S Arulmurugan, N Venkateshwaran Surface Review and Letters, 2050040		2020
Impeller design and CFD analysis of fluid flow in rotodynamic pumps M Chandrasekaran, V Santhanam, N Venkateshwaran Materials Today: Proceedings		2020
Experimental investigation on the mechanical properties of woven hybrid fiber reinforced epoxy composite V Santhanam, R Dhanaraj, M Chandrasekaran, N Venkateshwaran, Materials Today: Proceedings		2020
Experimental investigation on the mechanical properties of glass fiber with perforated aluminum sheet reinforced epoxy composite R Dhanaraj, N Venkateshwaran, M Chenthil, MS Natarajan, V Santhanam, Materials Today: Proceedings		2020
Experimental investigation of mechanical properties of Jute-Ramie fibres reinforced with epoxy hybrid composites KA Santhi, C Srinivas, RA Kumar Materials Today: Proceedings	1	2020
Role of Surface Functionalized Crystalline Nano-silica on Mechanical, Fatigue and Drop Load Impact Damage Behaviour of Effective Stacking Sequenced E-glass Fibre-reinforced MS Dani, N Venkateshwaran SILICON		2020
On the response of Foam filled hat-stiffened CFRP shells under axial compression: experiments and FE modelling A Vasanthanathan, N Venkateshwaran, GC Kambala, R Lali Materials Research Express 6 (12), 125332		2019
The effect of fiber reinforcement on fracture toughness assessment of nanoclay filled polymer composites S Arulmurugan, N Venkateshwaran Surface Review and Letters 26 (09), 1950050	3	2019
Statistical analysis of mechanical properties of wood-PLA composites prepared via additive manufacturing K Vigneshwaran, N Venkateshwaran International Journal of Polymer Analysis and Characterization 24 (7), 584-596	3	2019
Ageing and Its Influence on Vibration Characteristics of Jute/Polyester Composites S Senthilrajan, N Venkateshwaran Journal of Polymers and the Environment 27 (10), 2144-2155	2	2019

TITLE	CITED BY	YEAR
Effect of nanoclay addition and chemical treatment on static and dynamic mechanical analysis of jute fibre composites S Arulmurugan, N Venkateshwaran Polímeros 29 (4)	1	2019
Feasibility study of fly ash as filler in banana fiber-reinforced hybrid composites N Venkateshwaran, V Santhanam, A Alavudeen Processing of Green Composites, 31-47	5	2019
Tribological behavior of thin nano tungsten carbide film deposited on 316L stainless steel surface M Saravanan, N Venkateshwaran, A Devaraju, A Krishnakumari Surface Review and Letters 25 (08), 1950027	. 5	2018
Mechanical, thermal and vibration characteristics of <i>Dosinia exoleta</i> dispersed polymer composites K Vigneshwaran, N Venkateshwaran, SP Srinivasan International Journal of Polymer Analysis and Characterization 23 (7), 646-656	4	2018
Influence of drilling process parameters on hybrid vinyl ester composite G Anand, N Alagumurthi, K Palanikumar, N Venkateshwaran, Materials and Manufacturing Processes 33 (12), 1299-1305	6	2018
Tribological Characterization of Jute/Glass Hybrid Composites N Venkateshwaran, A Alavudeen, V Santhanam Synthesis and Tribological Applications of Hybrid Materials, 71		2018
Dynamic mechanical, thermal and wear analysis of Ni-P coated glass fiber/Al ₂ O ₃ nanowire reinforced vinyl ester composite G Anand, N Alagumurthi, R Elansezhian, N Venkateshwaran Alexandria Engineering Journal 57 (2), 621-631	11	2018
Investigation of drilling parameters on hybrid polymer composites using grey relational analysis, regression, fuzzy logic, and ANN models G Anand, N Alagumurthi, R Elansezhian, K Palanikumar, Journal of the Brazilian Society of Mechanical Sciences and Engineering 40	28	2018
Impact of surface adaptation and <i>Acacia nilotica</i> biofiller on static and dynamic properties of sisal fiber composite P Vimalanathan, N Venkateshwaran, SP Srinivasan, V Santhanam, International journal of polymer analysis and characterization 23 (2), 99-112	18	2018
A review on recent progress in coatings on AISI austenitic stainless steel M Saravanan, A Devaraju, N Venkateshwaran, A Krishnakumari, Materials Today: Proceedings 5 (6), 14392-14396	13	2018