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Mechanical and water absorption behaviour of banana/sisal reinforced hybrid composites N Venkateshwaran, A ElayaPerumal, A Alavudeen, M Thiruchitrambalam Materials & Design 32 (7), 4017-4021	309	2011
Mechanical properties of banana/kenaf fiber-reinforced hybrid polyester composites: Effect of woven fabric and random orientation A Alavudeen, N Rajini, S Karthikeyan, M Thiruchitrambalam, Materials & Design (1980-2015) 66, 246-257	263	2015
Improving mechanical properties of banana/kenaf polyester hybrid composites using sodium laulryl sulfate treatment M Thiruchitrambalam, A Alavudeen, A Athijayamani, N Venkateshwaran, Mater Phys Mech 8 (2), 165-173	S 129	2009
Dynamic mechanical and thermo-gravimetric analysis of Sansevieria cylindrica/polyester composite: Effect of fiber length, fiber loading and chemical treatment VS Sreenivasan, N Rajini, A Alavudeen, V Arumugaprabu Composites Part B: Engineering 69, 76-86	78	2015
Computer integrated manufacturing A Alavudeen, N Venkateshwaran PHI Learning Pvt. Ltd.	53	2008
Review of natural fiber reinforced woven composite A Alavudeen, M Thiruchitrambalam, N Venkateshwaran, A Athijayamani Rev. Adv. Mater. Sci 27, 146-150	43	2011
Review on kenaf fiber composites M Thiruchitrambalam, A Alavudeen, N Venkateshwaran Rev. Adv. Mater. Sci 32 (2), 106-112	37	2012
A textbook of engineering materials and metallurgy A Alavudeen, N Venkateshwaran, JTW Jappes Firewall Media	33	2006
A comparative study on characterisations of <i>Cissus quadrangularis</i> and <i>Phoenix reclinata</i> natural fibres K Mayandi, N Rajini, P Pitchipoo, VS Sreenivasan, JTW Jappes, Journal of Reinforced Plastics and Composites 34 (4), 269-280	26	2015
Professional ethics and human values A Alavudeen, RK Rahman, M Jayakumaran Firewall Media	17	2008

TITLE	CITED BY	YEAR
Mechanical properties of unidirectional aligned bagasse fibers/vinyl ester composite A Athijayamani, B Stalin, S Sidhardhan, AB Alavudeen Journal of Polymer Engineering 36 (2), 157-163	16	2016
Review of artificial neural network and taguchi application in polymer matrix composites N Venkateshwaran, A Elayaperumal, A Alavudeen, M Thiruchitrambalam Rev. Adv. Mater. Sci 29, 100-103	6	2011
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
Clutch plate using woven hybrid composite materials A Alavudeen, M Thiruchitrambalam, A Athijayamani Materials Research Innovations 15 (4), 229-234	5	2011
Improving mechanical properties of eco-friendly polymer hybrid composites A Alavudeen, M Thiruchitrambalam, EA VenkateshwaranN, International Journal of Performability Engineering 7 (2), 172-178	5	2011
Effects of fibre content on the mechanical properties of short roselle/sisal fibre polyester hybrid composite A Athijayamani, M Thiruchitrambalam, JT Winowlin Jappes, A Alavudeen International Journal of Computer Aided Engineering and Technology 3 (5-6	e 2	2011
Morphological Examination of Worn out Surfaces of Basalt Fiber-PEI Composites with Varying Loading Conditions K Mayandi, S Karthikeyan, N Rajini, AB Alavudeen Synthesis and Tribological Applications of Hybrid Materials, 215-226	1	2018
Studies on the mechanical properties and wear behavior of banana/kenaf fibereinforced polyester hybrid composites A Alavudeen Chennai	er 1	2013
A STUDY ON THE MECHANICAL PROPERTIES OF STRAW, SISAL AND GLASS FIBER HYBRID COMPOSITES JTW Jappes, I Siva, A Alavudeen International Conference on Advanced Materials and Composites (ICAMC-2007)	1	2007
Evaluation of mechanical properties of coconut shell particle/vinyl ester composite based on the untreated and treated conditions T Livingston, A Athijayamani, A Alavudeen Materials Research Express		2020