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Applicability of cellulosic-based <i>Polyalthia longigolia</i> seed filler reinforced viny ester biocomposites on tribological performance N Nagaprasad, B Stalin, V Vignesh, M Ravichandran, N Rajini, SO Ismail Polymer Composites	'	2020
Characterization of natural cellulosic fibers from Nendran Banana Peduncle plants P Manimaran, GP Pillai, V Vignesh, M Prithiviraj International Journal of Biological Macromolecules 162, 1807-1815	2	2020
Characterization of new natural cellulosic fiber from kusha grass AN Balaji, MKV Karthikeyan, V Vignesh International Journal of Polymer Analysis and Characterization 21 (7), 599-605	19	2016
Effect of cellulosic filler loading on mechanical and thermal properties of date palm seed/vinyl ester composites N Nagaraj, S Balasubramaniam, V Venkataraman, R Manickam, International Journal of Biological Macromolecules 147, 53-66	15	2020
Effect of hybrid reinforcement at stirred zone of dissimilar aluminium alloys during friction stir welding GR Raghav, KJ Nagarajan, S Rengarajan, P Suganthi, V Vignesh Metallurgical Research & Technology 116 (6), 631	1	2019
Effect of rope mat and random orientation on mechanical and thermal properties of banana ribbon-reinforced polyester composites and its application MKV Karthikeyan, AN Balaji, V Vignesh International journal of polymer analysis and characterization 21 (4), 296-304	18	2016
Effect of wood sawdust filler on the mechanical properties of Indian mallow fiber yarn mat reinforced with polyester composites V Vignesh, AN Balaji, MKV Karthikeyan International Journal of Polymer Analysis and Characterization 22 (7), 610-621	13	2017
Evaluation of mechanical and thermal properties of tamarind seed filler reinforced vinyl ester composites B Stalin, N Nagaprasad, V Vignesh, M Ravichandran Journal of Vinyl and Additive Technology 25 (s2), E114-E128	16	2019
Evaluation of mechanical, thermal and water absorption behaviors of Polyalthia longifolia seed reinforced vinyl ester composites B Stalin, N Nagaprasad, V Vignesh, M Ravichandran, N Rajini, SO Ismail, Carbohydrate Polymers 248, 116748	5	2020

TITLE	CITED BY	YEAR
Extraction and characterization of new cellulosic fibers from Indian mallow stem: An exploratory investigation V Vignesh, AN Balaji, MKV Karthikeyan International Journal of Polymer Analysis and Characterization 21 (6), 504-512	23	2016
Mechanical properties of hybrid pineapple/coconut sheath fibre reinforced polyester composites V Vignesh, S Seetha, RS Priya, BS Shankari International Journal of research in Mechanical, Mechatronics and Automobile	2	2016
Mechanical properties of hybrid vetiver/banana fiber mat reinforced vinyl ester composites A Stalin, S Mothilal, V Vignesh, MR Sanjay, S Siengchin Journal of Industrial Textiles, 1528083720938161	2	2020
Physico-chemical and Mechanical Properties of Alkali-Treated Red Banana Peduncle Fiber G Pitchayya Pillai, P Manimaran, V Vignesh Journal of Natural Fibers, 1-10	7	2020