A Balaji

List of Publications by Year
in descending order

17 papers	457 citations	759233 12 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	353 citing authors

#	Article	IF	Citations
1	Mechanical, thermal and morphological analysis of hybrid natural and glass fiber-reinforced hybrid resin nanocomposites. Biomass Conversion and Biorefinery, 2024, 14, 4941-4955.	4.6	13
2	RESEARCH AND REVIEW OF CLAY AND GLASS FIBER REINFORCED POLYESTER NANOCOMPOSITE MATERIALS USING OPTIMIZATION TECHNIQUES. Surface Review and Letters, 2022, 29, .	1.1	0
3	Study on Machining Parameters and Mechanical Properties of Hybrid Agave Sisalana and Glass Fiber-reinforced Polyester Composites (A/GFRP). Journal of Natural Fibers, 2022, 19, 11644-11657.	3.1	7
4	Investigation of Thermal Energy Storage (TES) with lotus stem biocomposite block using PCM. Cleaner Engineering and Technology, 2021, 4, 100146.	4.0	11
5	Dynamic mechanical analysis of Silk and Glass (S/G/S)/Pineapple and Glass (P/G/P)/Flax and Glass (F/G/F) reinforced Lannea coromandelica blender hybrid nano composites. Journal of Materials Research and Technology, 2021, 15, 2484-2496.	5.8	23
6	Investigation of chemical, thermal and morphological properties of untreated and NaOH treated banana fiber. Materials Today: Proceedings, 2020, 22, 347-352.	1.8	57
7	Mechanical and thermal characterization of bagasse fiber/coconut shell particle hybrid biocomposites reinforced with cardanol resin. Results in Chemistry, 2020, 2, 100056.	2.0	27
8	Comparative mechanical, thermal properties and morphological study of untreated and NaOH-treated coconut shell-reinforced cardanol environmental friendly green composites. Journal of Adhesion Science and Technology, 2020, 34, 1720-1740.	2.6	18
9	Study on Mechanical, Thermal and Morphological Properties of Banana Fiber-Reinforced Epoxy Composites. Journal of Bio- and Tribo-Corrosion, 2020, 6, 1.	2.6	52
10	Study on mechanical and morphological properties of sisal/banana/coir fiber-reinforced hybrid polymer composites. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	45
11	Experimental investigation of mechanical and machining parameters of hybrid nanoclay glass fiber-reinforced polyester composites. Advanced Composites and Hybrid Materials, 2019, 2, 93-101.	21.1	27
12	Effect of Filler Content of Chemically Treated Short Bagasse Fiber-Reinforced Cardanol Polymer Composites. Journal of Natural Fibers, 2019, 16, 613-627.	3.1	51
13	Coconut shell particles reinforced cardanolâ€“formaldehyde resole resin biocomposites: Effect of treatment on thermal properties. International Journal of Polymer Analysis and Characterization, 2018, 23, 252-259.	1.9	24
14	Thermal behavior of cardanol resin reinforced 20Âmm long untreated bagasse fiber composites. International Journal of Polymer Analysis and Characterization, 2018, 23, 70-77.	1.9	26
15	Mechanical behavior of short bagasse fiber reinforced cardanol-formaldehyde composites. Fibers and Polymers, 2017, 18, 1193-1199.	2.1	41
16	Spectroscopic investigation on the production of clay bricks with SCBA waste. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 149, 468-475.	3.9	21
17	Banana fiber and particle-reinforced epoxy biocomposites: mechanical, water absorption, and thermal properties investigation. Biomass Conversion and Biorefinery, 0, , .	4.6	14