

A Balaji

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10892734/publications.pdf>

Version: 2024-02-01

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