

S Gokulkumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7787586/publications.pdf>

Version: 2024-02-01

21
papers

652
citations

623574

14
h-index

713332

21
g-index

21
all docs

21
docs citations

21
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview: Natural fiber reinforced hybrid composites, chemical treatments and application areas. <i>Materials Today: Proceedings</i> , 2020, 27, 2828-2834.	0.9	121
2	Mechanical and Acoustic Properties of Alkali-Treated <i>Sansevieria ehrenbergii</i> / <i>Camellia sinensis</i> Fiber-Reinforced Hybrid Epoxy Composites: Incorporation of Glass Fiber Hybridization. <i>Applied Composite Materials</i> , 2020, 27, 915-933.	1.3	51
3	Mechanical, chemical and sound absorption properties of glass/kenaf/waste tea leaf fiber-reinforced hybrid epoxy composites. <i>Journal of Industrial Textiles</i> , 2022, 51, 1674-1700.	1.1	51
4	A review of natural fiber composites: Extraction methods, chemical treatments and applications. <i>Materials Today: Proceedings</i> , 2021, 45, 8017-8023.	0.9	47
5	Measuring Methods of Acoustic Properties and Influence of Physical Parameters on Natural Fibers: A Review. <i>Journal of Natural Fibers</i> , 2020, 17, 1719-1738.	1.7	45
6	Acoustical Analysis and Drilling Process Optimization of <i>Camellia Sinensis</i> / <i>Ananas Comosus</i> / GFRP / Epoxy Composites by TOPSIS for Indoor Applications. <i>Journal of Natural Fibers</i> , 2021, 18, 2284-2301.	1.7	41
7	Mechanical, Chemical and Acoustical Behavior of Sisal Tea Waste Glass Fiber Reinforced Epoxy Based Hybrid Polymer Composites. <i>Materials Today: Proceedings</i> , 2019, 16, 653-660.	0.9	37
8	A review on natural fiber reinforced hybrid composites: chemical treatments, manufacturing methods and potential applications. <i>Materials Today: Proceedings</i> , 2021, 45, 8080-8085.	0.9	37
9	Study of mechanical and morphological properties of jute-tea leaf fiber reinforced hybrid composites: Effect of glass fiber hybridization. <i>Materials Today: Proceedings</i> , 2020, 27, 2372-2375.	0.9	36
10	Characterization and Comparative Analysis on Mechanical and Acoustical Properties of <i>Camellia Sinensis</i> / <i>Ananas Comosus</i> /Glass Fiber Hybrid Polymer Composites. <i>Journal of Natural Fibers</i> , 2021, 18, 978-994.	1.7	31
11	The influence of different parameters in tribological characteristics of pineapple/sisal/TiO ₂ filler incorporation. <i>Journal of Industrial Textiles</i> , 2022, 51, 8626S-8644S.	1.1	30
12	Extraction, Treatment and Applications of Natural Fibers for Bio-Composites – A Critical Review. <i>International Polymer Processing</i> , 2021, 36, 114-130.	0.3	23
13	Tribological and Thermo-Mechanical Performance of Chemically Modified <i>Musa Acuminata</i> / <i>Corchorus Capsularis</i> Reinforced Hybrid Composites. <i>Journal of Natural Fibers</i> , 2022, 19, 4640-4653.	1.7	19
14	A comparative study on epoxy based composites filled with pineapple/areca/ramie hybridized with industrial tea leaf wastes/GFRP. <i>Materials Today: Proceedings</i> , 2020, 27, 2474-2476.	0.9	18
15	Experimental investigation of mechanical and morphological properties of flax fiber reinforced epoxy composites incorporating SiC and Al ₂ O ₃ . <i>Materials Today: Proceedings</i> , 2020, 27, 2249-2253.	0.9	17
16	Effect of weight fraction on the mechanical properties of flax and jute fibers reinforced epoxy hybrid composites. <i>Materials Today: Proceedings</i> , 2021, 45, 8006-8010.	0.9	16
17	Experimental investigation on mechanical properties of flax/banana/ industrial waste tea leaf fiber reinforced hybrid polymer composites. <i>Materials Today: Proceedings</i> , 2021, 45, 8136-8143.	0.9	11
18	Acoustical and mechanical optimization of <i>Camellia Sinensis</i> / <i>Ananas Comosus</i> /GFRP/Epoxy composites by TOPSIS & Weighted Aggregates Sum Product Assessment method. <i>Materials Today: Proceedings</i> , 2021, 45, 7980-7985.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Experimental Testing on Mechanical Properties of Various Natural Fibers Reinforced Epoxy Hybrid Composites. Indian Journal of Science and Technology, 2018, 11, 1-6.	0.5	6
20	Experimental Study on the Sound Absorption Properties of Finger Millet Straw, Darbha, and Ripe Bulrush Fibers. Advances in Materials Science and Engineering, 2021, 2021, 1-12.	1.0	6
21	Investigation on acoustical properties, thermal stabilities and water sorption abilities of finger millet straw fibers, darbha fibers and ripe bulrush fibers. Materials Today: Proceedings, 2021, , .	0.9	2