

Sanjay M R

List of Publications by Year in descending order

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24
papers

1,325
citations

567281

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h-index

642732

23
g-index

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all docs

24
docs citations

24
times ranked

536
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of raw and alkali treated new natural cellulosic fibers from <i>Tridax procumbens</i> . International Journal of Biological Macromolecules, 2019, 125, 99-108.	7.5	299
2	Lignocellulosic fiber reinforced composites: Progress, performance, properties, applications, and future perspectives. Polymer Composites, 2022, 43, 645-691.	4.6	182
3	Effect of natural filler materials on fiber reinforced hybrid polymer composites: An Overview. Journal of Natural Fibers, 2022, 19, 4132-4147.	3.1	124
4	A review on extraction, chemical treatment, characterization of natural fibers and its composites for potential applications. Polymer Composites, 2021, 42, 6239-6264.	4.6	112
5	Influence of nanofillers on biodegradable composites: A comprehensive review. Polymer Composites, 2021, 42, 5691-5711.	4.6	105
6	A new assessment on mechanical properties of jute fiber mat with egg shell powder/nanoclay-reinforced polyester matrix composites. Journal of Natural Fibers, 2020, 17, 482-490.	3.1	85
7	A comprehensive review on the effect of synthetic filler materials on fiber-reinforced hybrid polymer composites. Journal of the Textile Institute, 2022, 113, 1231-1239.	1.9	64
8	A comprehensive review on polymer composites in railway applications. Polymer Composites, 2022, 43, 1238-1251.	4.6	53
9	<sc><i>Pongamia pinnata</i></sc> shell powder filled sisal/kevlar hybrid composites: <sc>Physicomechanical</sc> and morphological characteristics. Polymer Composites, 2021, 42, 4434-4447.	4.6	43
10	A comprehensive review on performance and machinability of plant fiber polymer composites. Polymer Composites, 2022, 43, 608-623.	4.6	36
11	Review on nitride compounds and its polymer composites: a multifunctional material. Journal of Materials Research and Technology, 2022, 18, 2175-2193.	5.8	34
12	Carbon fiber reinforced areca/sisal hybrid composites for railway interior applications: Mechanical and morphological properties. Polymer Composites, 2022, 43, 160-172.	4.6	28
13	Effect of <sc>TiC</sc> nanoparticles on accelerated weathering of coir fiber filler and basalt fabric reinforced bio/synthetic epoxy hybrid composites: Physicomechanical and thermal characteristics. Polymer Composites, 2021, 42, 4897-4910.	4.6	26
14	A comprehensive review on 3D printing advancements in polymer composites: technologies, materials, and applications. International Journal of Advanced Manufacturing Technology, 2022, 121, 127-169.	3.0	23
15	Influence of stacking sequence on flax/kevlar hybrid epoxy composites: Mechanical and morphological studies. Polymer Composites, 2022, 43, 3782-3793.	4.6	19
16	Mechanical and thermal properties of flax/carbon/kevlar based epoxy hybrid composites. Polymer Composites, 2022, 43, 5649-5662.	4.6	19
17	Areca/synthetic fibers reinforced based epoxy hybrid composites for semi-structural applications. Polymer Composites, 2022, 43, 5222-5234.	4.6	15
18	Polymer composites from natural fibers and recycled waste surgical masks during COVID-19 pandemic. Polymer Composites, 2022, 43, 3944-3950.	4.6	14

#	ARTICLE	IF	CITATIONS
19	Mechanical and thermal analysis of coir fiber reinforced jute/bamboo hybrid epoxy composites. Polymer Composites, 2022, 43, 4700-4710.	4.6	13
20	Design, fabrication, and characterization of natural fillers loaded <scp>HDPE</scp> composites for domestic applications. Polymer Composites, 2022, 43, 5168-5178.	4.6	10
21	Studies on mechanical and thermal properties of cellulosic fiber fillers reinforced epoxy composites. Polymer Composites, 2022, 43, 4297-4305.	4.6	8
22	Effects of different weaving patterns on thermomechanical and dynamic mechanical properties of Kevlar/pineapple leaf fiber hybrid composites. Polymer Composites, 2022, 43, 4979-4997.	4.6	8
23	Tensile Strength and Moisture Resistance Properties of Biocomposite Films Based on Polyvinyl Alcohol (PVA) with Cellulose as Reinforcement from Durian Peel Fibers. E3S Web of Conferences, 2021, 302, 02001.	0.5	5
24	Introduction to plant fibers and their composites. , 2022, , 1-24.		0