

Vinod A

List of Publications by Year in descending order

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26
papers

2,157
citations

361045

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h-index

580395

25
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27
all docs

27
docs citations

27
times ranked

1101
citing authors

#	ARTICLE	IF	CITATIONS
1	Renewable and sustainable biobased materials: An assessment on biofibers, biofilms, biopolymers and biocomposites. <i>Journal of Cleaner Production</i> , 2020, 258, 120978.	4.6	482
2	Characterization of raw and alkali treated new natural cellulosic fibers from <i>Tridax procumbens</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 125, 99-108.	3.6	299
3	Influence of wood dust fillers on the mechanical, thermal, water absorption and biodegradation characteristics of jute fiber epoxy composites. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	141
4	Investigation on the mechanical behavior of areca sheath fibers/jute fibers/glass fabrics reinforced hybrid composite for light weight applications. <i>Journal of Industrial Textiles</i> , 2020, 49, 1036-1060.	1.1	136
5	Investigation on thermo-mechanical characteristics of treated/untreated <i>Portunus sanguinolentus</i> shell powder-based jute fabrics reinforced epoxy composites. <i>Journal of Industrial Textiles</i> , 2020, 50, 427-459.	1.1	132
6	Novel <i>Muntingia Calabura</i> bark fiber reinforced green-epoxy composite: A sustainable and green material for cleaner production. <i>Journal of Cleaner Production</i> , 2021, 294, 126337.	4.6	99
7	Characterization of Alkali-Treated and Untreated Natural Fibers from the Stem of <i>Parthenium Hysterophorus</i> . <i>Journal of Natural Fibers</i> , 2021, 18, 80-90.	1.7	84
8	ThermoMechanical Characterization of <i>Calotropis gigantea</i> Stem Powder-Filled Jute Fiber-Reinforced Epoxy Composites. <i>Journal of Natural Fibers</i> , 2018, 15, 648-657.	1.7	83
9	Characterization of Silane-Treated and Untreated Natural Fibers from Stem of <i>Leucas Aspera</i> . <i>Journal of Natural Fibers</i> , 2021, 18, 1957-1973.	1.7	77
10	Characterization of untreated and alkali treated natural fibers extracted from the stem of <i>Catharanthus roseus</i> . <i>Materials Research Express</i> , 2019, 6, 085406.	0.8	73
11	Extraction and Characterization of Natural Fiber from Stem of <i>Cardiospermum Halicababum</i> . <i>Journal of Natural Fibers</i> , 2021, 18, 898-908.	1.7	67
12	A new study on flax/basalt/carbon fiber reinforced epoxy/bioepoxy hybrid composites. <i>Polymer Composites</i> , 2021, 42, 1891-1900.	2.3	59
13	Fully bio-based agro-waste soy stem fiber reinforced bio-epoxy composites for lightweight structural applications: Influence of surface modification techniques. <i>Construction and Building Materials</i> , 2021, 303, 124509.	3.2	56
14	Evaluation of <i>Azadirachta indica</i> seed/spent <i>Camellia sinensis</i> bio-filler based jute fabrics' epoxy composites: Experimental and numerical studies. <i>Journal of Industrial Textiles</i> , 2020, 49, 1252-1277.	1.1	47
15	Characterization of chemical treated and untreated natural fibers from <i>Pennisetum orientale</i> grass- A potential reinforcement for lightweight polymeric applications. <i>International Journal of Lightweight Materials and Manufacture</i> , 2021, 4, 43-49.	1.3	44
16	Jute/Hemp bio-epoxy hybrid bio-composites: Influence of stacking sequence on adhesion of fiber-matrix. <i>International Journal of Adhesion and Adhesives</i> , 2022, 113, 103050.	1.4	43
17	Fatigue and thermo-mechanical properties of chemically treated <i>Morinda citrifolia</i> fiber-reinforced bio-epoxy composite: A sustainable green material for cleaner production. <i>Journal of Cleaner Production</i> , 2021, 326, 129411.	4.6	41
18	Characterization of Novel Natural Fiber from <i>Saccharum Bengalense</i> Grass (Sarkanda). <i>Journal of Natural Fibers</i> , 2020, 17, 1739-1747.	1.7	40

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19	Characterization of raw and benzoyl chloride treated Impomea pes-caprae fibers and its epoxy composites. Materials Research Express, 2019, 6, 095307.	0.8	33
20	Effect of alkali treatment on performance characterization of <i>Ziziphus mauritiana</i> fiber and its epoxy composites. Journal of Industrial Textiles, 2022, 51, 2444S-2466S.	1.1	33
21	Thermo-mechanical Characterization of New Natural Cellulose Fiber from <i>Zmioculus Zamiifolia</i> . Journal of Polymers and the Environment, 2022, 30, 1391-1406.	2.4	23
22	Mechanical and thermal properties of flax/carbon/kevlar based epoxy hybrid composites. Polymer Composites, 2022, 43, 5649-5662.	2.3	19
23	INFLUENCE OF CHEMICAL TREATMENTS ON THE MECHANICAL CHARACTERISTICS OF ARECA SHEATHFLAX FIBRES BASED EPOXY COMPOSITES. Rasayan Journal of Chemistry, 2018, 11, 1255-1262.	0.2	15
24	Areca/synthetic fibers reinforced based epoxy hybrid composites for semi-structural applications. Polymer Composites, 2022, 43, 5222-5234.	2.3	15
25	Characterizations of plasma sprayed composite coatings over 1020 mild steel. Journal of Mechanical Science and Technology, 2017, 31, 4747-4754.	0.7	9
26	FINITE ELEMENT MODAL ANALYSIS OF COMPOSITE HEAVY VEHICLE CHASSIS USING ANSYS. Rasayan Journal of Chemistry, 0, , .	0.2	1