

Suhas Yeshwant Nayak

List of Publications by Year in descending order

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25
papers

266
citations

1040056

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25
docs citations

25
times ranked

214
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of Natural Fibers in Composites for Ballistic Applications – A Review. Journal of Natural Fibers, 2022, 19, 1648-1658.	3.1	76
2	Borassus and Tamarind Fruit Fibers as Reinforcement in Cashew Nut Shell Liquid-Epoxy Composites. Journal of Natural Fibers, 2018, 15, 204-218.	3.1	27
3	Influence of fabric orientation and compression factor on the mechanical properties of 3D E-glass reinforced epoxy composites. Journal of Materials Research and Technology, 2020, 9, 8517-8527.	5.8	17
4	Chopped Strand/Plain Weave E-Glass as Reinforcement in Vacuum Bagged Epoxy Composites. Journal of Materials, 2015, 2015, 1-7.	0.1	16
5	Comparative Evaluation of Chemical Treatment on the Physical and Mechanical Properties of Areca Frond, Banana, and Flax Fibers. Journal of Natural Fibers, 2022, 19, 1531-1543.	3.1	16
6	Effect of CNT-Based Resin Modification on the Mechanical Properties of Polymer Composites. Frontiers in Materials, 2021, 7, .	2.4	13
7	Mechanical and morphological characterization of carbonized egg-shell fillers/Borassus fibre reinforced polyester hybrid composites. Materials Research Express, 2019, 6, 105342.	1.6	12
8	Evaluation of physico-mechanical characteristics of cashew nut shell liquid-epoxy composites with Borassus and Tamarind fruit fibres as reinforcements. Journal of Natural Fibers, 2019, 16, 328-341.	3.1	12
9	Tensile and Flexural Properties of Chopped Strand E-glass Fibre Mat Reinforced CNSL-Epoxy Composites.. MATEC Web of Conferences, 2018, 144, 02025.	0.2	11
10	Effect of chemical treatment on the physical and mechanical properties of flax fibers: A comparative assessment. Materials Today: Proceedings, 2021, 38, 2406-2410.	1.8	11
11	Characterization of a Novel Polyalthia Longifolia Mid-rib Fibers as a Potential Reinforcement for Polymer Composites. Journal of Natural Fibers, 2022, 19, 2106-2118.	3.1	10
12	Influence of chemical treatment on the physico-mechanical characteristics of Tamarind and Borassus fruit fibres – a comparative assessment. Materials Research Express, 2019, 6, 125107.	1.6	9
13	Hybridization effect on the mechanical properties of basalt fiber reinforced ZnO modified epoxy composites. Polymer Composites, 2022, 43, 5704-5714.	4.6	9
14	2D woven/ 3D orthogonal Woven Non-crimp E-glass Fabric as Reinforcement in Epoxy Composites using Vacuum Assisted Resin Infusion Molding. Journal of Engineered Fibers and Fabrics, 2017, 12, 155892501701200.	1.0	5
15	Effect of Curing on the Tensile and Flexural Performance of Fully Biodegradable Corn Starch/Areca Frond Composites. Journal of Composites, 2015, 2015, 1-7.	0.8	4
16	Design, Fabrication and Testing of Carbon Fiber Reinforced Epoxy Drive Shaft for All Terrain Vehicle using Filament Winding. MATEC Web of Conferences, 2018, 153, 04010.	0.2	3
17	Influence of Sawdust Bio-filler on the Tensile, Flexural, and Impact Properties of Mangifera Indica Leaf Stalk Fibre Reinforced Polyester Composites. MATEC Web of Conferences, 2018, 144, 02024.	0.2	3
18	Two Body Wear Characteristics of Polyalthia Longifolia/Mangifera Indica/Jute Fiber Reinforced Epoxy Composites using Taguchi Technique. Materials Research, 2021, 24, .	1.3	3

#	ARTICLE	IF	CITATIONS
19	Mangifera Indica mid-rib fibers as reinforcements for CNSL-epoxy composites. Journal of the Textile Institute, 2022, 113, 657-670.	1.9	3
20	Investigation of Tensile Strength for Areca Frond/Corn Starch Composites. Indian Journal of Science and Technology, 2016, 9, .	0.7	2
21	Effect of Hybridization on the Mechanical Properties of Chopped Strand Mat/Pineapple Leaf Fibre Reinforced Polyester Composites. MATEC Web of Conferences, 2018, 153, 01006.	0.2	2
22	Evaluation of Flexural and Compressive Strength of E Glass/Jute and E Glass/Banana Hybrid Epoxy Hollow Composite Shafts. Key Engineering Materials, 2018, 777, 438-445.	0.4	1
23	Effect of alkali treatment on physical and mechanical properties of bamboo short fibers. Journal of Computational Methods in Sciences and Engineering, 2021, 21, 535-543.	0.2	1
24	Fabrication and Testing of Glass/Banana Hybridized Epoxy Mono Composite Leaf Spring under Static Loading. Key Engineering Materials, 0, 777, 432-437.	0.4	0
25	Influence of wear parameters on the tribological characteristics of jute/e-glass epoxy hybrid composites of different weave architecture. Materials Today: Proceedings, 2021, 47, 6776-6776.	1.8	0