

Suhas Yeshwant Nayak

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Characterization of a Novel Polyalthia Longifolia Mid-rib Fibers as a Potential Reinforcement for Polymer Composites. <i>Journal of Natural Fibers</i> , 2022, 19, 2106-2118.	3.1	10
2	Comparative Evaluation of Chemical Treatment on the Physical and Mechanical Properties of Areca Frond, Banana, and Flax Fibers. <i>Journal of Natural Fibers</i> , 2022, 19, 1531-1543.	3.1	16
3	Potential of Natural Fibers in Composites for Ballistic Applications – A Review. <i>Journal of Natural Fibers</i> , 2022, 19, 1648-1658.	3.1	76
4	Mangifera Indica mid-rib fibers as reinforcements for CNSL-epoxy composites. <i>Journal of the Textile Institute</i> , 2022, 113, 657-670.	1.9	3
5	Hybridization effect on the mechanical properties of basalt fiber reinforced ZnO modified epoxy composites. <i>Polymer Composites</i> , 2022, 43, 5704-5714.	4.6	9
6	Effect of chemical treatment on the physical and mechanical properties of flax fibers: A comparative assessment. <i>Materials Today: Proceedings</i> , 2021, 38, 2406-2410.	1.8	11
7	Two Body Wear Characteristics of Polyalthia Longifolia/Mangifera Indica/Jute Fiber Reinforced Epoxy Composites using Taguchi Technique. <i>Materials Research</i> , 2021, 24, .	1.3	3
8	Effect of CNT-Based Resin Modification on the Mechanical Properties of Polymer Composites. <i>Frontiers in Materials</i> , 2021, 7, .	2.4	13
9	Influence of wear parameters on the tribological characteristics of jute/e-glass epoxy hybrid composites of different weave architecture. <i>Materials Today: Proceedings</i> , 2021, 47, 6776-6776.	1.8	0
10	Effect of alkali treatment on physical and mechanical properties of bamboo short fibers. <i>Journal of Computational Methods in Sciences and Engineering</i> , 2021, 21, 535-543.	0.2	1
11	Influence of fabric orientation and compression factor on the mechanical properties of 3D E-glass reinforced epoxy composites. <i>Journal of Materials Research and Technology</i> , 2020, 9, 8517-8527.	5.8	17
12	Mechanical and morphological characterization of carbonized egg-shell fillers/Borassus fibre reinforced polyester hybrid composites. <i>Materials Research Express</i> , 2019, 6, 105342.	1.6	12
13	Influence of chemical treatment on the physico-mechanical characteristics of Tamarind and Borassus fruit fibres – a comparative assessment. <i>Materials Research Express</i> , 2019, 6, 125107.	1.6	9
14	Evaluation of physico-mechanical characteristics of cashew nut shell liquid-epoxy composites with Borassus and Tamarind fruit fibres as reinforcements. <i>Journal of Natural Fibers</i> , 2019, 16, 328-341.	3.1	12
15	Design, Fabrication and Testing of Carbon Fiber Reinforced Epoxy Drive Shaft for All Terrain Vehicle using Filament Winding. <i>MATEC Web of Conferences</i> , 2018, 153, 04010.	0.2	3
16	Influence of Sawdust Bio-filler on the Tensile, Flexural, and Impact Properties of Mangifera Indica Leaf Stalk Fibre Reinforced Polyester Composites. <i>MATEC Web of Conferences</i> , 2018, 144, 02024.	0.2	3
17	Borassus and Tamarind Fruit Fibers as Reinforcement in Cashew Nut Shell Liquid-Epoxy Composites. <i>Journal of Natural Fibers</i> , 2018, 15, 204-218.	3.1	27
18	Evaluation of Flexural and Compressive Strength of E Glass/Jute and E Glass/Banana Hybrid Epoxy Hollow Composite Shafts. <i>Key Engineering Materials</i> , 2018, 777, 438-445.	0.4	1

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Investigation of Tensile Strength for Areca Frond/Corn Starch Composites. Indian Journal of Science and Technology, 2016, 9, .	0.7	2
23	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
24	Chopped Strand/Plain Weave E-Glass as Reinforcement in Vacuum Bagged Epoxy Composites. Journal of Materials, 2015, 2015, 1-7.	0.1	16
25	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