Thottyeapalayam Palanisamy Sathishku

List of Publications by Year
in descending order

33 papers	1,523 citations	566801 15 h-index	476904 29 g-index
34 all docs	34 docs citations	34 times ranked	1345 citing authors

#	Article	IF	Citations
1	Hybrid fiber reinforced polymer composites â€“ a review. Journal of Reinforced Plastics and Composites, 2014, 33, 454-471.	1.6	269
2	Characterization of natural fiber and composites â€“ A review. Journal of Reinforced Plastics and Composites, 2013, 32, 1457-1476.	1.6	253
3	Tensile and flexural properties of snake grass natural fiber reinforced isophthallic polyester composites. Composites Science and Technology, 2012, 72, 1183-1190.	3.8	234
4	Characterization of new cellulose sansevieria ehrenbergii fibers for polymer composites. Composite Interfaces, 2013, 20, 575-593.	1.3	205
5	Graphene and modified graphene-based polymer nanocomposites â€“ A review. Journal of Reinforced Plastics and Composites, 2014, 33, 1158-1170.	1.6	122
6	Mechanical properties of randomly oriented snake grass fiber with banana and coir fiber-reinforced hybrid composites. Journal of Composite Materials, 2013, 47, 2181-2191.	1.2	66
7	Characterization of sisal/cotton fibre woven mat reinforced polymer hybrid composites. Journal of Industrial Textiles, 2017, 47, 429-452.	1.1	53
8	Mechanical properties and water absorption of short snake grass fiber reinforced isophthallic polyester composites. Fibers and Polymers, 2014, 15, 1927-1934.	1.1	39
9	The influence of fiber content and length on mechanical and water absorption properties of Calotropis Gigantea fiber reinforced epoxy composites. Journal of Industrial Textiles, 2019, 48, 1274-1290.	1.1	38
10	Synergistic effect of fiber content and length on mechanical and water absorption behaviors of Phoenix sp. fiber-reinforced epoxy composites. Journal of Industrial Textiles, 2017, 47, 211-232.	1.1	33
11	Mechanical properties and water absorption of snake grass longitudinal fiber reinforced isophthalic polyester composites. Journal of Reinforced Plastics and Composites, 2013, 32, 1211-1223.	1.6	24
12	Crashworthiness characterization of jute fiber woven mat reinforced epoxy composite tube for structural application using Taguchiâ€™s method. International Journal of Crashworthiness, 2022, 27, 1351-1367.	1.1	23
13	Investigation of chemically treated longitudinally oriented snake grass fiber-reinforced isophthallic polyester composites. Journal of Reinforced Plastics and Composites, 2013, 32, 1698-1714.	1.6	19
14	Investigation of chemically treated randomly oriented sansevieria ehrenbergii fiber reinforced isophthallic polyester composites. Journal of Composite Materials, 2014, 48, 2961-2975.	1.2	18
15	Mechanical strength retention and service life of Kevlar fiber woven mat reinforced epoxy laminated composites for structural applications. Polymer Composites, 2021, 42, 1855-1866.	2.3	17
16	Physico-mechanical, Chemical Composition and Thermal Properties of Cellulose Fiber from Hibiscus vitifolius Plant Stalk for Polymer Composites. Journal of Natural Fibers, 2022, 19, 6961-6976.	1.7	15
17	Characterization of novel Passiflora foetida natural fibers for paper board industry. Journal of Industrial Textiles, 2023, 53, .	1.1	13
18	Evaluation of tensile strength retention and service life prediction of hydrothermal aged balanced orthotropic carbon/glass and Kevlar/glass fabric reinforced polymer hybrid composites. Journal of Applied Polymer Science, 2022, 139, 51602.	1.3	12

#	Article	IF	Citations
19	Physicochemical and Thermal Properties of Cellulosic Fiber Extracted from the Bark of Albizia Saman. Journal of Natural Fibers, 2022, 19, 6659-6675.	1.7	10
20	Comparison of Sansevieria ehrenbergii fiber-reinforced polymer composites with wood and wood fiber composites. Journal of Reinforced Plastics and Composites, 2014, 33, 1704-1716.	1.6	8
21	Characterization of Sida acuta fiber and its polymer composites with effect of fly ash. Journal of Natural Fibers, 2022, 19, 8811-8829.	1.7	8
22	Mechanical properties of nanococonut shell filler mixed jute mat-reinforced epoxy composites for structure application. , 2020, , 459-476.		6
23	Physicochemical and Thermal Properties of New Cellulosic Fiber Obtained from the Stem of Markhamia lutea. Journal of Natural Fibers, 2022, 19, 8429-8447.	1.7	6
24	Investigation of Physico-chemical, Mechanical, and Thermal Properties of New Cellulosic Bast Fiber Extracted from the Bark of Bauhinia purpurea. Journal of Natural Fibers, 2022, 19, 9624-9641.	1.7	6
25	Influence of Alkali Treatment on Physicochemical, Thermal and Mechanical Properties of Hibiscus Vitifolius Fibers. Journal of Natural Fibers, 2022, 19, 11708-11721.	1.7	6
26	Longâ€term environmental bending behaviors and service LIFE prediction of KEVLAR fiber mat epoxy composite. Polymer Composites, 2022, 43, 2396-2407.	2.3	5
27	Characterization Studies on New Natural Cellulosic Fiber Extracted from the Bark of Erythrina variegata. Journal of Natural Fibers, 2022, 19, 8246-8265.	1.7	4
28	Physicochemical, Thermal And Mechanical Properties of Novel Cellulosic Fiber Extracted from Ficus Retusa. Journal of Natural Fibers, 2022, 19, 14706-14724.	1.7	4
29	Influence of coconut and graphite fillers on the wear and friction behavior of epoxy composites. , 2021, , 127-141.		2
30	Characterization Studies on Novel Cellulosic Fiber Obtained from the Bark of Madhuca Longifolia Tree. Journal of Natural Fibers, 2022, 19, 14880-14897.	1.7	2
31	Effect of Glass and Banana Fiber Mat Orientation and Number of Layers on Mechanical Properties of Hybrid Composites. , 2020, , 295-312.		1
32	Investigation on Physicochemical, Thermal and Mechanical Properties of New Cellulosic Fiber Obtained from the Stem of Tecoma Stans. Journal of Natural Fibers, 2022, 19, 14975-14993.	1.7	1
33	Mechanical behaviors of aluminum filler and jute fiber mat reinforced epoxy hybrid composites. , 2021, , 21-40.		0