

Thottyeapalayam Palanisamy Sathishku

List of Publications by Year in descending order

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33
papers

1,523
citations

566801

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all docs

34
docs citations

34
times ranked

1345
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of novel <i>Passiflora foetida</i> natural fibers for paper board industry. Journal of Industrial Textiles, 2023, 53, .	1.1	13
2	Crashworthiness characterization of jute fiber woven mat reinforced epoxy composite tube for structural application using Taguchi's method. International Journal of Crashworthiness, 2022, 27, 1351-1367.	1.1	23
3	Physicochemical and Thermal Properties of Cellulosic Fiber Extracted from the Bark of <i>Albizia Saman</i> . Journal of Natural Fibers, 2022, 19, 6659-6675.	1.7	10
4	Physico-mechanical, Chemical Composition and Thermal Properties of Cellulose Fiber from <i>Hibiscus vitifolius</i> Plant Stalk for Polymer Composites. Journal of Natural Fibers, 2022, 19, 6961-6976.	1.7	15
5	Physicochemical and Thermal Properties of New Cellulosic Fiber Obtained from the Stem of <i>Markhamia lutea</i> . Journal of Natural Fibers, 2022, 19, 8429-8447.	1.7	6
6	Characterization Studies on New Natural Cellulosic Fiber Extracted from the Bark of <i>Erythrina variegata</i> . Journal of Natural Fibers, 2022, 19, 8246-8265.	1.7	4
7	Characterization of <i>Sida acuta</i> fiber and its polymer composites with effect of fly ash. Journal of Natural Fibers, 2022, 19, 8811-8829.	1.7	8
8	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
9	Investigation of Physico-chemical, Mechanical, and Thermal Properties of New Cellulosic Bast Fiber Extracted from the Bark of <i>Bauhinia purpurea</i> . Journal of Natural Fibers, 2022, 19, 9624-9641.	1.7	6
10	Influence of Alkali Treatment on Physicochemical, Thermal and Mechanical Properties of <i>Hibiscus Vitifolius</i> Fibers. Journal of Natural Fibers, 2022, 19, 11708-11721.	1.7	6
11	Long-term environmental bending behaviors and service LIFE prediction of KEVLAR fiber mat epoxy composite. Polymer Composites, 2022, 43, 2396-2407.	2.3	5
12	Physicochemical, Thermal And Mechanical Properties of Novel Cellulosic Fiber Extracted from <i>Ficus Retusa</i> . Journal of Natural Fibers, 2022, 19, 14706-14724.	1.7	4
13	Characterization Studies on Novel Cellulosic Fiber Obtained from the Bark of <i>Madhuca Longifolia</i> Tree. Journal of Natural Fibers, 2022, 19, 14880-14897.	1.7	2
14	Investigation on Physicochemical, Thermal and Mechanical Properties of New Cellulosic Fiber Obtained from the Stem of <i>Tecoma Stans</i> . Journal of Natural Fibers, 2022, 19, 14975-14993.	1.7	1
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	Influence of coconut and graphite fillers on the wear and friction behavior of epoxy composites. , 2021, , 127-141.		2
17	Mechanical behaviors of aluminum filler and jute fiber mat reinforced epoxy hybrid composites. , 2021, , 21-40.		0
18	Mechanical properties of nanococonut shell filler mixed jute mat-reinforced epoxy composites for structure application. , 2020, , 459-476.		6

#	ARTICLE	IF	CITATIONS
19	Effect of Glass and Banana Fiber Mat Orientation and Number of Layers on Mechanical Properties of Hybrid Composites. , 2020, , 295-312.		1
20	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
21	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
22	Characterization of sisal/cotton fibre woven mat reinforced polymer hybrid composites. Journal of Industrial Textiles, 2017, 47, 429-452.	1.1	53
23	Graphene and modified graphene-based polymer nanocomposites – A review. Journal of Reinforced Plastics and Composites, 2014, 33, 1158-1170.	1.6	122
24	Hybrid fiber reinforced polymer composites – a review. Journal of Reinforced Plastics and Composites, 2014, 33, 454-471.	1.6	269
25	Mechanical properties and water absorption of short snake grass fiber reinforced isophthallic polyester composites. Fibers and Polymers, 2014, 15, 1927-1934.	1.1	39
26	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
27	Investigation of chemically treated randomly oriented sansevieria ehrenbergii fiber reinforced isophthallic polyester composites. Journal of Composite Materials, 2014, 48, 2961-2975.	1.2	18
28	Characterization of natural fiber and composites – A review. Journal of Reinforced Plastics and Composites, 2013, 32, 1457-1476.	1.6	253
29	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
30	Mechanical properties and water absorption of snake grass longitudinal fiber reinforced isophthallic polyester composites. Journal of Reinforced Plastics and Composites, 2013, 32, 1211-1223.	1.6	24
31	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
32	Characterization of new cellulose sansevieria ehrenbergii fibers for polymer composites. Composite Interfaces, 2013, 20, 575-593.	1.3	205
33	Tensile and flexural properties of snake grass natural fiber reinforced isophthallic polyester composites. Composites Science and Technology, 2012, 72, 1183-1190.	3.8	234