

Subhankar Maity

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

846
citations

516710

16
h-index

526287

27
g-index

64
all docs

64
docs citations

64
times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductive polymer-based electro-conductive textile composites for electromagnetic interference shielding: A review. <i>Journal of Industrial Textiles</i> , 2018, 47, 2228-2252.	2.4	112
2	Jute Composites as Wood Substitute. <i>International Journal of Textile Science</i> , 2013, 1, 84-93.	0.3	80
3	Polypyrrole based electro-conductive textiles for heat generation. <i>Journal of the Textile Institute</i> , 2014, 105, 887-893.	1.9	69
4	A Review of Flax Nonwovens: Manufacturing, Properties, and Applications. <i>Journal of Natural Fibers</i> , 2014, 11, 365-390.	3.1	53
5	Polypyrrole-silk electro-conductive composite fabric by <i>in situ</i> chemical polymerization. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	42
6	Influence of graphene oxide concentration and dipping cycles on electrical conductivity of coated cotton textiles. <i>Journal of the Textile Institute</i> , 2017, 108, 1910-1916.	1.9	39
7	Potential biodegradable face mask to counter environmental impact of Covid-19. <i>Cleaner Engineering and Technology</i> , 2021, 4, 100218.	4.0	38
8	Optimization of processing parameters of in-situ polymerization of pyrrole on woollen textile to improve its thermal conductivity. <i>Progress in Organic Coatings</i> , 2017, 107, 48-53.	3.9	33
9	The Salt-Free Dyeing on Cotton: An Approach to Effluent Free Mechanism; Can Chitosan be a Potential Option?. <i>International Journal of Textile Science</i> , 2013, 1, 69-77.	0.3	29
10	Preparation and characterization of electro-conductive rotor yarn by in situ chemical polymerization of pyrrole. <i>Fibers and Polymers</i> , 2013, 14, 1407-1413.	2.1	28
11	Structure-Property Relationships of Needle-Punched Nonwoven Fabric. <i>Frontiers in Science</i> , 2013, 2, 226-234.	1.0	25
12	A comparative study of reaction kinetics of in-situ chemical polymerization of polypyrrole onto various textile fibres. <i>Surface and Coatings Technology</i> , 2017, 324, 569-576.	4.8	24
13	A review on polypyrrole-coated bio-composites for the removal of heavy metal traces from waste water. <i>Journal of Industrial Textiles</i> , 2021, 51, 152-173.	2.4	21
14	Studies on electro-conductive fabrics prepared by in situ chemical polymerization of mixtures of pyrrole and thiophene onto polyester. <i>Fibers and Polymers</i> , 2013, 14, 345-351.	2.1	19
15	Textile/Polypyrrole Composites for Sensory Applications. <i>Journal of Composites</i> , 2015, 2015, 1-6.	0.8	18
16	Polypyrrole functionalized polyester needlepunched nonwoven fabrics for electromagnetic interference shielding. <i>Polymer Composites</i> , 2018, 39, 3696-3704.	4.6	18
17	Tensile and Elastic Performance of Cotton/Lycra Core Spun Denim Yarn. <i>Journal of the Institution of Engineers (India): Series E</i> , 2017, 98, 71-78.	0.9	17
18	Harmful environmental effects for textile chemical dyeing practice. , 2021, , 153-164.		16

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19	Spinning and Applications of Spider Silk. <i>Frontiers in Science</i> , 2012, 2, 92-100.	1.0	15
20	A review on the development of conjugated polymer-based textile thermoelectric generator. <i>Journal of Industrial Textiles</i> , 2022, 51, 1815-2145.	2.4	12
21	Jute Needle-punched Nonwovens: Manufacturing, Properties, and Applications. <i>Journal of Natural Fibers</i> , 2016, 13, 383-396.	3.1	11
22	Elastic Recovery and Performance of Denim Fabric Prepared by Cotton/Lycra Core Spun Yarns. <i>Journal of Natural Fibers</i> , 2020, 17, 1184-1198.	3.1	10
23	Thermal Insulation Behavior of Chemically Treated Jute Fiber Quilt. <i>Journal of Natural Fibers</i> , 2021, 18, 568-580.	3.1	10
24	Optimization of material and process parameters of fibrous quilt for comfortable heat loss from human body. <i>Journal of the Textile Institute</i> , 2019, 110, 873-881.	1.9	9
25	Effects of Process Parameters on Tensile and Recovery Behavior of Ring-Spun Cotton/Lycra Denim Yarn. <i>Journal of the Institution of Engineers (India): Series E</i> , 2019, 100, 37-45.	0.9	8
26	Computer Simulations of Textile Non-Woven Structures. <i>Frontiers in Science</i> , 2012, 2, 11-17.	1.0	8
27	Advanced ultraviolet protective agents for textiles and clothing. , 2020, , 243-260.		6
28	Extraction and characterization of novel <i>Sterculia foetida</i> fruit shell fibre for composite applications. <i>Cleaner Engineering and Technology</i> , 2021, 4, 100194.	4.0	6
29	Electro-conductive Palmyra Fibers By In Situ Polymerization of Pyrrole. <i>Journal of Natural Fibers</i> , 2017, 14, 185-195.	3.1	5
30	Polypyrrole Based Electro-Conductive Cotton Yarn. <i>Journal of Textile Science & Engineering</i> , 2014, 04, .	0.2	5
31	Green chemistry in textile and fashion. , 2021, , 177-203.		4
32	Thermal Resistance and Moisture Management Behaviour of Nettle/Polyester Nonwoven Fabrics. <i>Tekstilec</i> , 2019, 62, 258-268.	0.6	4
33	Advanced flame-retardant agents for protective textiles and clothing. , 2020, , 397-414.		3
34	Advanced electromagnetic interference shielding textiles and clothing. , 2020, , 457-491.		3
35	Advanced applications of green materials in electromagnetic shielding. , 2021, , 265-292.		3
36	Treatment of textile wastewater by agricultural waste biomasses. , 2021, , 137-156.		3

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37	Influence of Needle-punching Parameters for the Preparation of Polypyrrole-coated Non-woven Composites for Heat Generation. <i>Tekstilec</i> , 2023, 64, 172-183.	0.6	3
38	Self-cleaning Finishes for Functional and Value Added Textile Materials. <i>Textile Science and Clothing Technology</i> , 2020, , 217-229.	0.5	3
39	Zero liquid discharge wastewater treatment technologies. , 2021, , 209-234.		2
40	Stress relaxation and elastic recovery behaviour of dual core stretchable ring spun yarn. <i>Journal of Textile Engineering & Fashion Technology</i> , 2022, 8, 31-36.	0.3	2
41	Introduction to protective textiles. , 2022, , 3-38.		2
42	Reinforcements and Composites with Special Properties. <i>Textile Science and Clothing Technology</i> , 2016, , 317-373.	0.5	1
43	Water footprint applications in textile sector: an overview. , 2021, , 1-16.		1
44	Textile wastewater management. , 2021, , 417-427.		1
45	Chemical risk assessment in textile and fashion. , 2021, , 53-78.		1
46	Green synthesis of nanoparticle and its application on cotton fabric using <i>Sterculia foetida</i> fruit shell extract. <i>Journal of Textile Engineering & Fashion Technology</i> , 2020, 6, .	0.3	1
47	Textiles in Earth-Quake Resistant Constructions. <i>Journal of Textile Science & Engineering</i> , 2012, 02, .	0.2	1
48	Biotechnological and nano-biotechnological approaches in finishing of textile materials. , 2022, , 173-186.		1
49	Sodium Lignosulfonate: an Industrial Bio-Waste for the Colouration and UV Protective Finish of Nylon Fabric. <i>Fibres and Textiles in Eastern Europe</i> , 2022, 30, 77-85.	0.5	1
50	Waterproof breathable fabrics and suits. , 2022, , 347-375.		1
51	Advanced applications of green materials in wearable e-textiles. , 2021, , 239-263.		0
52	Nanotechnologies for wastewater treatment. , 2021, , 1-12.		0
53	Chitosan-based bionanocomposites in medical textile. , 2021, , 293-308.		0
54	Conjugated polymer-coated novel bioadsorbents for wastewater treatment. , 2021, , 157-185.		0

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55	Performance of Natural Fibre Nonwoven for Oil Sorption from Sea Water. <i>Tekstilec</i> , 2020, 63, 14-26.	0.6	0