

Shanmugasundaram Ol

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

251
citations

1040056

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h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

291
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterization of chicken feather keratin/polysaccharides blended polymer coated nonwoven dressing materials for wound healing applications. <i>Materials Science and Engineering C</i> , 2018, 92, 26-33.	7.3	43
2	Photocatalytic activity of pure, Zn doped and surfactants assisted Zn doped SnO ₂ nanoparticles for degradation of cationic dye. <i>Nano Structures Nano Objects</i> , 2019, 18, 100305.	3.5	40
3	Thermal comfort properties of bamboo tencel knitted fabrics. <i>International Journal of Clothing Science and Technology</i> , 2016, 28, 420-428.	1.1	37
4	Moisture Management Properties of Bamboo Viscose/Tencel Single Jersey Knitted Fabrics. <i>Journal of Natural Fibers</i> , 2017, 14, 143-152.	3.1	33
5	Development and characterization of bamboo gauze fabric coated with polymer and drug for wound healing. <i>Fibers and Polymers</i> , 2011, 12, 15-20.	2.1	25
6	Synthesis, characterization, and development of thermally enhanced cotton fabric using nanoencapsulated phase change materials containing paraffin wax. <i>Journal of the Textile Institute</i> , 2014, 105, 1279-1286.	1.9	25
7	Study on properties of cotton fabric incorporated with diammonium phosphate flame retardant through cyclodextrin and 1,2,3,4-butane tetracarboxylic acid binding system. <i>Journal of Industrial Textiles</i> , 2016, 45, 1204-1220.	2.4	14
8	Characterization and study of physical properties and antibacterial activities of human hair keratin-silver nanoparticles and keratin-gold nanoparticles coated cotton gauze fabric. <i>Journal of Industrial Textiles</i> , 2018, 47, 798-814.	2.4	13
9	Development and characterization of cotton, organic cotton flat knit fabrics coated with chitosan, sodium alginate, calcium alginate polymers, and antibiotic drugs for wound healing. <i>Journal of Industrial Textiles</i> , 2012, 42, 156-175.	2.4	10
10	Fabrication and evaluation of bamboo fabric coated with extracts of <i>Curcuma longa</i> , <i>Centella asiatica</i> and <i>Azadirachta indica</i> as a wound dressing material. <i>Advances in Traditional Medicine</i> , 2021, 21, 83-95.	2.0	5
11	Development and characterization of polylactic acid bandage coated with biopolymers and drugs for wound healing. <i>Journal of the Textile Institute</i> , 2012, 103, 508-516.	1.9	4
12	Optimization of plasma process parameters for surface modification of bamboo spunlace nonwoven fabric using glow discharge oxygen plasma. <i>Journal of Industrial Textiles</i> , 2021, 51, 225-245.	2.4	2
13	Plasma treated fabrics coated with naturally derived Ag-NPs for biomedical application. <i>IET Nanobiotechnology</i> , 2019, 13, 368-375.	3.8	0