

# Shanmugasundaram Ol

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

251  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

291  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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         |
| 2  | 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         |
| 3  | Photocatalytic activity of pure, Zn doped and surfactants assisted Zn doped SnO <sub>2</sub> nanoparticles for degradation of cationic dye. <i>Nano Structures Nano Objects</i> , 2019, 18, 100305.   | 3.5 | 40        |
| 4  | Plasma treated fabrics coated with naturally derived AgNPs for biomedical application. <i>IET Nanobiotechnology</i> , 2019, 13, 368-375.  | 3.8 | 0         |
| 5  | 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        |
| 6  | 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        |
| 7  | Moisture Management Properties of Bamboo Viscose/Tencel Single Jersey Knitted Fabrics. <i>Journal of Natural Fibers</i> , 2017, 14, 143-152.  | 3.1 | 33        |
| 8  | Thermal comfort properties of bamboo tencel knitted fabrics. <i>International Journal of Clothing Science and Technology</i> , 2016, 28, 420-428.   | 1.1 | 37        |
| 9  | 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        |
| 10 | 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        |
| 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 | 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        |
| 13 | 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        |