

Manas Kumar Sarkar

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

435
citations

623734

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888059

17
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18
all docs

18
docs citations

18
times ranked

470
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of cotton and polyester, and their blended waste textile valorisation to value-added products: A circular economy approach – research trends, opportunities and challenges. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3921-3942.	12.8	24
2	Flammability, comfort and mechanical properties of a novel fabric structure: plant-structured fabric. <i>Cellulose</i> , 2017, 24, 4017-4031.	4.9	16
3	Effect of softeners and crosslinking conditions on the performance of easy-care cotton fabrics with different weave constructions. <i>Fibers and Polymers</i> , 2013, 14, 822-831.	2.1	10
4	Biomimetics of branching structure in warp knitted fabrics to improve water transport properties for comfort. <i>Textile Reseach Journal</i> , 2012, 82, 1131-1142.	2.2	20
5	Differential spontaneous capillary flow through heterogeneous porous media. <i>International Journal of Heat and Mass Transfer</i> , 2011, 54, 3096-3099.	4.8	26
6	Design of an outstanding super-hydrophobic surface by electro-spinning. <i>Applied Surface Science</i> , 2011, 257, 7003-7009.	6.1	50
7	Preparation and characterization of porous poly(vinylidene fluoride-trifluoroethylene) copolymer membranes via electrospinning and further hot pressing. <i>Polymer Testing</i> , 2011, 30, 436-441.	4.8	44
8	Differential superhydrophobicity and hydrophilicity on a thin cellulose layer. <i>Thin Solid Films</i> , 2010, 518, 5033-5039.	1.8	19
9	Biomimetics of tree-shaped branching structure in textile fabrics. <i>International Journal of Design and Nature and Ecodynamics</i> , 2010, 5, 221-229.	0.5	1
10	Development and characterization of light weight plant structured fabrics. <i>Fibers and Polymers</i> , 2009, 10, 343-350.	2.1	15
11	Antecedents to India's textile exports: 1985-2005. <i>International Journal of Indian Culture and Business Management</i> , 2008, 1, 265.	0.1	16
12	Transplanar water transport tester for fabrics. <i>Measurement Science and Technology</i> , 2007, 18, 1465-1471.	2.6	33
13	Plant structured textile fabrics. <i>Materials Letters</i> , 2007, 61, 561-565.	2.6	43