

Manas Kumar Sarkar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9632690/publications.pdf>

Version: 2024-02-01

13
papers

435
citations

623734

14
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

470
citing authors

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