

Sourav Mondal

List of Publications by Year in descending order

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15
papers

189
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1163117

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166
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Comparison of Hydrophobic Cotton Fabric Obtained by Direct Fluorination and Admicellar Polymerization of Fluoromonomers. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 6075-6079.	3.7	40
2	Synthesis, characterization and photocatalytic properties of ZnO nanoparticles and cotton fabric modified with ZnO nanoparticles via in-situ hydrothermal coating technique: Dual response. <i>Materials Technology</i> , 2018, 33, 884-891.	3.0	25
3	Fabrication of durable, fluorine-free superhydrophobic cotton fabric for efficient self-cleaning and heavy/light oil-water separation. <i>Colloids and Interface Science Communications</i> , 2021, 44, 100469.	4.1	24
4	In situ generation and deposition of ZnO nanoparticles on cotton surface to impart hydrophobicity: investigation of antibacterial activity. <i>Materials Technology</i> , 2018, 33, 555-562.	3.0	18
5	Transparent and double sided hydrophobic functionalization of cotton fabric by surfactant-assisted admicellar polymerization of fluoromonomers. <i>New Journal of Chemistry</i> , 2018, 42, 6831-6838.	2.8	17
6	Stain Resistance of Cotton Fabrics before and after Finishing with Admicellar Polymerization. <i>Applied Sciences (Switzerland)</i> , 2012, 2, 192-205.	2.5	16
7	Hydrophobic thin fluoropolymer coating on cotton surfaces. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 376-382.	1.9	13
8	Fluoropolymer adhered bioinspired hydrophobic, chemically durable cotton fabric for dense liquid removal and self-cleaning application. <i>Surface Engineering</i> , 2021, 37, 299-307.	2.2	8
9	Fabrication of fluoropolymer-modified hydrophobic functionalization of cotton fabric by admicellar polymerization. <i>Journal of the Textile Institute</i> , 2019, 110, 1747-1754.	1.9	6
10	Two-Step Fabrication of Durable, Flexible, and Fluorine-Free Superhydrophobic SiO ₂ -Silane@Fabric for Self-Cleaning Application. <i>ChemistrySelect</i> , 2021, 6, 1669-1684.	1.5	6
11	Fabrication and characterization of hydrophobic thin polytrifluoroethyl methacrylate adhered coating on cotton surface via admicellar polymerization. <i>Journal of Adhesion Science and Technology</i> , 2019, 33, 243-252.	2.6	5
12	Fabrication of CuO/TMSPM Coated Superhydrophobic Fabric for Self-cleaning and Oil-water Separation. <i>Fibers and Polymers</i> , 2021, 22, 3517-3525.	2.1	4
13	Fabrication of two sites hydrophobicity on cotton surface – a fluoropolymerization approach. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1965-1974.	2.6	3
14	Design and fabrication of thin polymer coating on cotton fabric surface to impart hydrophobicity: An admicellar polymerization approach. <i>International Journal of Polymer Analysis and Characterization</i> , 2019, 24, 32-39.	1.9	2
15	Potential Use of Green Synthesized Al ₂ O ₃ (Alumina) Nanoparticles from Guava Leaves (<i>Psidium guajava</i>) for the Removal of Methylene Blue from Wastewater. <i>Asian Journal of Chemistry</i> , 2021, 33, 1304-1308.	0.3	2