

Arpita Shome

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

256
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Organic Framework (MOF) Derived Recyclable, Superhydrophobic Composite of Cotton Fabrics for the Facile Removal of Oil Spills. ACS Applied Materials & Interfaces, 2021, 13, 8563-8573.	8.0	78
2	Role of chemistry in bio-inspired liquid wettability. Chemical Society Reviews, 2022, 51, 5452-5497.	38.1	53
3	Porous and reactive polymeric interfaces: an emerging avenue for achieving durable and functional bio-inspired wettability. Journal of Materials Chemistry A, 2021, 9, 824-856.	10.3	24
4	Sustainable Biomimicked Oil/Water Wettability That Performs Under Severe Challenges. ACS Sustainable Chemistry and Engineering, 2019, 7, 11350-11359.	6.7	18
5	Aloe vera mucilage derived highly tolerant underwater superoleophobic coatings. Journal of Materials Chemistry A, 2018, 6, 22465-22471.	10.3	14
6	Alkali metal-ion assisted Michael addition reaction in controlled tailoring of topography in a superhydrophobic polymeric monolith. Journal of Materials Chemistry A, 2018, 6, 17019-17031.	10.3	14
7	Unconventional and Facile Fabrication of Chemically Reactive Silk Fibroin Sponges for Environmental Remediation. ACS Applied Materials & Interfaces, 2021, 13, 24258-24271.	8.0	14
8	Michael Addition Reaction Assisted Derivation of Functional and Durable Superhydrophobic Interfaces. Chemistry of Materials, 2021, 33, 8941-8959.	6.7	14
9	Rational Chemical Engineering in Natural Protein Derived Functional Interface. ACS Sustainable Chemistry and Engineering, 2019, 7, 7502-7509.	6.7	9
10	Simultaneous and controlled release of two different bioactive small molecules from nature inspired single material. Journal of Materials Chemistry B, 2018, 6, 7692-7702.	5.8	8
11	A Scalable Chemical Approach for the Synthesis of a Highly Tolerant and Efficient Oil Absorbent. Chemistry - an Asian Journal, 2019, 14, 4732-4740.	3.3	8
12	Design of a Waste Paper-Derived Chemically "Reactive"™ and Durable Functional Material with Tailorable Mechanical Property Following an Ambient and Sustainable Chemical Approach. Chemistry - an Asian Journal, 2021, 16, 1988-2001.	3.3	2