Prakash M Gore

List of Publications by Year
in descending order

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17	838	566801 15	940134 16
papers	citations	h-index	g-index

17	17	17	476
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Heterogeneous wettable cotton based superhydrophobic Janus biofabric engineered with PLA/functionalized-organoclay microfibers for efficient oilâ€“water separation. Journal of Materials Chemistry A, 2018, 6, 7457-7479.	5.2	159
2	Progress in silk materials for integrated water treatments: Fabrication, modification and applications. Chemical Engineering Journal, 2019, 374, 437-470.	6.6	108
3	Functionalized Aramid Fibers and Composites for Protective Applications: A Review. Industrial & Engineering Chemistry Research, 2018, 57, 16537-16563.	1.8	104
4	Silk fibres exhibiting biodegradability & superhydrophobicity for recovery of petroleum oils from oily wastewater. Journal of Hazardous Materials, 2020, 389, 121823.	6.5	69
5	Nanofibers of resorcinolâ€“formaldehyde for effective adsorption of As (III) ions from mimicked effluents. Environmental Science and Pollution Research, 2018, 25, 11729-11745.	2.7	53
6	Foamed materials for oil-water separation. Chemical Engineering Journal Advances, 2021, 5, 100076.	2.4	50
7	Ion-imprinted nanofibers of PVDF/1-butyl-3-methylimidazolium tetrafluoroborate for dynamic recovery of europium (III) ions from mimicked effluent. Journal of Environmental Chemical Engineering, 2019, 7, 103068.	3.3	47
8	Nanotechnology for Oil-Water Separation. Nanotechnology in the Life Sciences, 2019, , 299-339.	0.4	38
9	Electronic properties of Poly(1,6-heptadiynes) electrospun fibrous non-woven mat. Materials Chemistry and Physics, 2019, 223, 343-352.	2.0	35
10	Nano-fluoro dispersion functionalized superhydrophobic degummed & waste silk fabric for sustained recovery of petroleum oils & organic solvents from wastewater. Journal of Hazardous Materials, 2022, 426, 127822.	6.5	35
11	Keratin-Nylon 6 engineered microbeads for adsorption of Th (IV) ions from liquid effluents. Journal of Environmental Chemical Engineering, 2017, 5, 5655-5667.	3.3	33
12	Polycarbonate and activated charcoal-engineered electrospun nanofibers for selective recovery of oil/solvent from oily wastewater. SN Applied Sciences, 2020, 2, 1.	1.5	27
13	Poly(1,6-heptadiyne)/ABS functionalized microfibers for hydrophobic applications. Journal of Polymer Research, 2020, 27, 1.	1.2	21
14	Reduction of carbon dioxide (CO2) using â€˜pâ€™ & â€˜dâ€™ block electro-catalysts: A review. Journal of Environmental Chemical Engineering, 2021, 9, 104798.	3.3	20
15	Nanocluster materials in photosynthetic machines. Chemical Engineering Journal, 2020, 385, 123951.	6.6	18
16	Superhydrophobic corrosion inhibition polymer coatings. , 2019, , 223-243.		13
17	Functionalized non-woven surfaces for combating the spread of the COVID-19 pandemic. Interface Focus, 2022, 12, 20210040.	1.5	8