

Mohammad Neaz Morshed

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

437
citations

758635

12
h-index

839053

18
g-index

18
all docs

18
docs citations

18
times ranked

508
citing authors

#	ARTICLE	IF	CITATIONS
1	Stabilization of zero valent iron (Fe ⁰) on plasma/dendrimer functionalized polyester fabrics for Fenton-like removal of hazardous water pollutants. <i>Chemical Engineering Journal</i> , 2019, 374, 658-673.	6.6	61
2	Development of new multifunctional filter based nonwovens for organics pollutants reduction and detoxification: High catalytic and antibacterial activities. <i>Chemical Engineering Journal</i> , 2019, 356, 702-716.	6.6	48
3	Statistical modeling and optimization of heterogeneous Fenton-like removal of organic pollutant using fibrous catalysts: a full factorial design. <i>Scientific Reports</i> , 2020, 10, 16133.	1.6	47
4	Surface modification of polyester fabric using plasma-dendrimer for robust immobilization of glucose oxidase enzyme. <i>Scientific Reports</i> , 2019, 9, 15730.	1.6	46
5	An overview on biocatalysts immobilization on textiles: Preparation, progress and application in wastewater treatment. <i>Chemosphere</i> , 2021, 279, 130481.	4.2	33
6	Titania-loaded cellulose-based functional hybrid nanomaterial for photocatalytic degradation of toxic aromatic dye in water. <i>Journal of Water Process Engineering</i> , 2020, 33, 101062.	2.6	30
7	Immobilization of Cationic Titanium Dioxide (TiO ₂ ⁺) on Electrospun Nanofibrous Mat: Synthesis, Characterization, and Potential Environmental Application. <i>Fibers and Polymers</i> , 2018, 19, 1715-1725.	1.1	25
8	CuO Nanosheets Modified with Amine and Thiol Grafting for High Catalytic and Antibacterial Activities. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 10179-10189.	1.8	25
9	Design and development of TiO ₂ -Fe ⁰ nanoparticle-immobilized nanofibrous mat for photocatalytic degradation of hazardous water pollutants. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4842-4854.	1.1	20
10	Iron-loaded amine/thiol functionalized polyester fibers with high catalytic activities: a comparative study. <i>Dalton Transactions</i> , 2019, 48, 8384-8399.	1.6	20
11	Sonochemical fabrication of nanocrystalline titanium dioxide (TiO ₂) in cotton fiber for durable ultraviolet resistance. <i>Journal of Natural Fibers</i> , 2020, 17, 41-54.	1.7	16
12	Fabrication of new multifunctional cotton-modal recycled aramid blended protective textiles through deposition of a 3D-polymer coating: high fire retardant, water repellent and antibacterial properties. <i>New Journal of Chemistry</i> , 2020, 44, 12122-12133.	1.4	15
13	Development of a multifunctional graphene/Fe-loaded polyester textile: robust electrical and catalytic properties. <i>Dalton Transactions</i> , 2020, 49, 17281-17300.	1.6	14
14	Development of new composite fibers with excellent UV radiation protection. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 118, 113905.	1.3	12
15	Modification of fibrous membrane for organic and pathogenic contaminants removal: from design to application. <i>RSC Advances</i> , 2020, 10, 13155-13173.	1.7	11
16	Immobilizing Redox Enzyme on Amino Functional Group-Integrated Tailor-Made Polyester Textile: High Loading, Stability, and Application in a Bio-Fenton System. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 8879-8894.	3.2	7
17	Eco-friendly UV Blocking Finishes Extracted from <i>Amaranthus viridis</i> and <i>Solanum nigrum</i> . <i>Tekstilec</i> , 2018, 61, 93-100.	0.3	5
18	Knit Fabric Mercerisation through the Use of High-Concentration NaOH in a Scouring and Bleaching Bath using an Exhaustion Method. <i>Tekstilec</i> , 2017, 60, .	0.3	2