

Mohammad Neaz Morshed

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

293
citations

11
h-index

17
g-index

18
ext. papers

349
ext. citations

5.1
avg, IF

3.98
L-index

#	Paper	IF	Citations
18	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	8.3	4
17	An overview on biocatalysts immobilization on textiles: Preparation, progress and application in wastewater treatment. <i>Chemosphere</i> , 2021 , 279, 130481	8.4	13
16	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	3.6	5
15	Modification of fibrous membrane for organic and pathogenic contaminants removal: from design to application.. <i>RSC Advances</i> , 2020 , 10, 13155-13173	3.7	7
14	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	6.7	19
13	Development of new composite fibers with excellent UV radiation protection. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020 , 118, 113905	3	7
12	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	4.9	22
11	Development of a multifunctional graphene/Fe-loaded polyester textile: robust electrical and catalytic properties. <i>Dalton Transactions</i> , 2020 , 49, 17281-17300	4.3	7
10	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	1.8	11
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	2.1	16
8	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	14.7	49
7	CuO Nanosheets Modified with Amine and Thiol Grafting for High Catalytic and Antibacterial Activities. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 10179-10189	3.9	20
6	Iron-loaded amine/thiol functionalized polyester fibers with high catalytic activities: a comparative study. <i>Dalton Transactions</i> , 2019 , 48, 8384-8399	4.3	19
5	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	14.7	40
4	Surface modification of polyester fabric using plasma-dendrimer for robust immobilization of glucose oxidase enzyme. <i>Scientific Reports</i> , 2019 , 9, 15730	4.9	30
3	Eco-friendly UV Blocking Finishes Extracted from <i>Amaranthus viridis</i> and <i>Solanum nigrum</i> . <i>Tekstilec</i> , 2018 , 61, 93-100	2.1	3
2	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	2	19

- 1 Knit Fabric Mercerisation through the Use of High-Concentration NaOH in a Scouring and Bleaching Bath using an Exhaustion Method. *Tekstilec*, **2017**, 60, 2.1 2