Mohammad Neaz Morshed

List of Publications by Citations

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	Stabilization of zero valent iron (Fe0) on plasma/dendrimer functionalized polyester fabrics for Fenton-like removal of hazardous water pollutants. *Chemical Engineering Journal*, **2019**, 374, 658-673	14.7	49
17	Development of new multifunctional filter based nonwovens for organics pollutants reduction and detoxification: High catalytic and antibacterial activities. *Chemical Engineering Journal*, **2019**, 356, 702-716	14.7	40
16	Surface modification of polyester fabric using plasma-dendrimer for robust immobilization of glucose oxidase enzyme. *Scientific Reports*, **2019**, 9, 15730	4.9	30
15	Statistical modeling and optimization of heterogeneous Fenton-like removal of organic pollutant using fibrous catalysts: a full factorial design. *Scientific Reports*, **2020**, 10, 16133	4.9	22
14	CuO Nanosheets Modified with Amine and Thiol Grafting for High Catalytic and Antibacterial Activities. *Industrial & Engineering Chemistry Research*, **2019**, 58, 10179-10189	3.9	20
13	Iron-loaded amine/thiol functionalized polyester fibers with high catalytic activities: a comparative study. *Dalton Transactions*, **2019**, 48, 8384-8399	4.3	19
12	Titania-loaded cellulose-based functional hybrid nanomaterial for photocatalytic degradation of toxic aromatic dye in water. *Journal of Water Process Engineering*, **2020**, 33, 101062	6.7	19
11	Immobilization of Cationic Titanium Dioxide (TiO2+) on Electrospun Nanofibrous Mat: Synthesis, Characterization, and Potential Environmental Application. *Fibers and Polymers*, **2018**, 19, 1715-1725	2	19
10	Design and development of TiO2-Fe0 nanoparticle-immobilized nanofibrous mat for photocatalytic degradation of hazardous water pollutants. *Journal of Materials Science: Materials in Electronics*, **2019**, 30, 4842-4854	2.1	16
9	An overview on biocatalysts immobilization on textiles: Preparation, progress and application in wastewater treatment. *Chemosphere*, **2021**, 279, 130481	8.4	13
8	Sonochemical fabrication of nanocryatalline titanium dioxide (TiO2) in cotton fiber for durable ultraviolet resistance. *Journal of Natural Fibers*, **2020**, 17, 41-54	1.8	11
7	Modification of fibrous membrane for organic and pathogenic contaminants removal: from design to application.. *RSC Advances*, **2020**, 10, 13155-13173	3.7	7
6	Development of new composite fibers with excellent UV radiation protection. *Physica E: Low-Dimensional Systems and Nanostructures*, **2020**, 118, 113905	3	7
5	Development of a multifunctional graphene/Fe-loaded polyester textile: robust electrical and catalytic properties. *Dalton Transactions*, **2020**, 49, 17281-17300	4.3	7
4	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. *New Journal of Chemistry*, **2020**, 44, 12122-12133	3.6	5
3	Immobilizing Redox Enzyme on Amino Functional Group-Integrated Tailor-Made Polyester Textile: High Loading, Stability, and Application in a Bio-Fenton System. *ACS Sustainable Chemistry and Engineering*, **2021**, 9, 8879-8894	8.3	4
2	Eco-friendly UV Blocking Finishes Extracted from Amaranthus viridis and Solanum nigrum. *Tekstilec*, **2018**, 61, 93-100	2.1	3

List of Publications

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