

# Muhammad Akram

## List of Publications by Citations

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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.

16  
papers

280  
citations

8  
h-index

16  
g-index

17  
ext. papers

489  
ext. citations

8.2  
avg, IF

4.11  
L-index

#	Paper	IF	Citations
16	Three-dimensional porous graphene-like biochar derived from Enteromorpha as a persulfate activator for sulfamethoxazole degradation: Role of graphitic N and radicals transformation. <i>Journal of Hazardous Materials</i> , <b>2020</b> , 399, 123039	12.8	77
15	Novel lignin-based single atom catalysts as peroxymonosulfate activator for pollutants degradation: Role of single cobalt and electron transfer pathway. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 286, 119910	21.8	70
14	Highly efficient and mild electrochemical degradation of bentazon by nano-diamond doped PbO anode with reduced Ti nanotube as the interlayer. <i>Journal of Colloid and Interface Science</i> , <b>2020</b> , 575, 254-264	9.3	19
13	Improving peroxymonosulfate activation by copper ion-saturated adsorbent-based single atom catalysts for the degradation of organic contaminants: electron-transfer mechanism and the key role of Cu single atoms. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 11604-11613	13	19
12	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 91, 189-198	6.4	17
11	Influence of Organic Ligands on the Colloidal Stability and Removal of ZnO Nanoparticles from Synthetic Waters by Coagulation. <i>Processes</i> , <b>2018</b> , 6, 170	2.9	17
10	Mechanism of sonication time on structure and adsorption properties of 3D peanut shell/graphene oxide aerogel. <i>Science of the Total Environment</i> , <b>2020</b> , 739, 139983	10.2	14
9	Coagulation and Dissolution of CuO Nanoparticles in the Presence of Dissolved Organic Matter Under Different pH Values. <i>Sustainability</i> , <b>2019</b> , 11, 2825	3.6	10
8	Interaction of Arsenic Species with Organic Ligands: Competitive Removal from Water by Coagulation-Flocculation-Sedimentation (C/F/S). <i>Molecules</i> , <b>2019</b> , 24,	4.8	8
7	In-situ Cu-doped carbon-supported catalysts applied for high-salinity polycarbonate plant wastewater treatment and a coupling application. <i>Chemical Engineering Journal</i> , <b>2021</b> , 416, 129441	14.7	7
6	Effect of Water Chemistry on Antimony Removal by Chemical Coagulation: Implications of EPotential and Size of Precipitates. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	6
5	Highly efficient removal of phosphate from aqueous media by pomegranate peel co-doping with ferric chloride and lanthanum hydroxide nanoparticles. <i>Journal of Cleaner Production</i> , <b>2021</b> , 292, 125311	10.3	6
4	The Removal of CuO Nanoparticles from Water by Conventional Treatment C/F/S: The Effect of pH and Natural Organic Matter. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
3	Optimization of Antimony Removal by Coagulation-Flocculation-Sedimentation Process Using Response Surface Methodology. <i>Processes</i> , <b>2021</b> , 9, 117	2.9	3
2	Effect of Dissolved Organic Matter on Agglomeration and Removal of CuO Nanoparticles by Coagulation. <i>Processes</i> , <b>2019</b> , 7, 455	2.9	2
1	Enhanced removal of phosphate using pomegranate peel-modified nickel-lanthanum hydroxide. <i>Science of the Total Environment</i> , <b>2021</b> , 809, 151181	10.2	0