

## 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.

19  
papers

240  
citations

10  
h-index

15  
g-index

19  
ext. papers

294  
ext. citations

4.7  
avg, IF

3.8  
L-index

#	Paper	IF	Citations
19	Bioelectrochemical treatment of acid mine drainage (AMD) from an abandoned coal mine under aerobic condition. <i>Journal of Hazardous Materials</i> , <b>2017</b> , 333, 329-338	12.8	36
18	TiO nanoparticles in irrigation water mitigate impacts of aged Ag nanoparticles on soil microorganisms, Arabidopsis thaliana plants, and Eisenia fetida earthworms. <i>Environmental Research</i> , <b>2019</b> , 172, 202-215	7.9	34
17	A review on drone-based harmful algae blooms monitoring. <i>Environmental Monitoring and Assessment</i> , <b>2019</b> , 191, 211	3.1	28
16	Effects of Fe, Ni, and Fe/Ni metallic nanoparticles on power production and biosurfactant production from used vegetable oil in the anode chamber of a microbial fuel cell. <i>Waste Management</i> , <b>2017</b> , 66, 169-177	8.6	20
15	Impact of wastewater effluent containing aged nanoparticles and other components on biological activities of the soil microbiome, Arabidopsis plants, and earthworms. <i>Environmental Research</i> , <b>2018</b> , 164, 197-203	7.9	20
14	Effects of Fe nanoparticles on bacterial growth and biosurfactant production. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	17
13	A Review of Rare-Earth Elements Extraction with Emphasis on Non-conventional Sources: Coal and Coal Byproducts, Iron Ore Tailings, Apatite, and Phosphate Byproducts. <i>Mining, Metallurgy and Exploration</i> , <b>2021</b> , 38, 1-26	1.1	17
12	Effects of Au/Fe and Fe nanoparticles on Serratia bacterial growth and production of biosurfactant. <i>Materials Science and Engineering C</i> , <b>2013</b> , 33, 3909-15	8.3	16
11	Removal of PFOA in groundwater by Fe and MnO nanoparticles under visible light. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2017</b> , 52, 1048-1054	2.3	13
10	Emerging and legacy per- and polyfluoroalkyl substances in house dust from South China: Contamination status and human exposure assessment. <i>Environmental Research</i> , <b>2021</b> , 192, 110243	7.9	10
9	Degradation of perfluorooctanoic acid by zero-valent iron nanoparticles under ultraviolet light. <i>Journal of Nanoparticle Research</i> , <b>2020</b> , 22, 1	2.3	8
8	Characterization of Southern Illinois Water Treatment Residues for Sustainable Applications. <i>Sustainability</i> , <b>2018</b> , 10, 1374	3.6	6
7	Effects of Ni nanoparticles, MWCNT, and MWCNT/Ni on the power production and the wastewater treatment of a microbial fuel cell. <i>International Journal of Green Energy</i> , <b>2019</b> , 16, 1391-1399	3	4
6	1,4-Dioxane-contaminated groundwater remediation in the anode chamber of a microbial fuel cell. <i>Water Environment Research</i> , <b>2019</b> , 91, 1537-1545	2.8	4
5	Biosurfactant Production from Used Vegetable Oil in the Anode Chamber of a Microbial Electrosynthesizing Fuel Cell. <i>Waste and Biomass Valorization</i> , <b>2019</b> , 10, 2925-2931	3.2	3
4	Effects of Combined Ag and ZnO Nanoparticles on Microbial Communities from Crab Orchard Creek, Illinois, USA. <i>Journal of Environmental Engineering, ASCE</i> , <b>2020</b> , 146, 04020067	2	1
3	Degradation of perfluoroalkyl substances using UV/Fe system with and without presence of oxygen.. <i>Environmental Technology (United Kingdom)</i> , <b>2022</b> , 1-31	2.6	1

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| 2 | Degradation of per- and polyfluoroalkyl substances (PFAS) in wastewater effluents by photocatalysis for water reuse. <i>Journal of Water Process Engineering</i> , <b>2022</b> , 46, 102556                       | 6.7 | 1 |
| 1 | Antibacterial activity of Fe <sub>3</sub> O <sub>4</sub> /TiO <sub>2</sub> nanoparticles on toxic cyanobacteria from a lake in Southern Illinois. <i>Water Environment Research</i> , <b>2021</b> , 93, 2807-2818 | 2.8 | 1 |