

Jia Liu

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.

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 | Degradation of perfluoroalkyl substances using UV/Fe system with and without presence of oxygen.. <i>Environmental Technology (United Kingdom)</i> , 2022 , 1-31 | 2.6 | 1 |
| 18 | Degradation of per- and polyfluoroalkyl substances (PFAS) in wastewater effluents by photocatalysis for water reuse. <i>Journal of Water Process Engineering</i> , 2022 , 46, 102556 | 6.7 | 1 |
| 17 | Emerging and legacy per- and polyfluoroalkyl substances in house dust from South China: Contamination status and human exposure assessment. <i>Environmental Research</i> , 2021 , 192, 110243 | 7.9 | 10 |
| 16 | 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> , 2021 , 38, 1-26 | 1.1 | 17 |
| 15 | Antibacterial activity of Fe O /TiO nanoparticles on toxic cyanobacteria from a lake in Southern Illinois. <i>Water Environment Research</i> , 2021 , 93, 2807-2818 | 2.8 | 1 |
| 14 | Effects of Combined Ag and ZnO Nanoparticles on Microbial Communities from Crab Orchard Creek, Illinois, USA. <i>Journal of Environmental Engineering, ASCE</i> , 2020 , 146, 04020067 | 2 | 1 |
| 13 | Degradation of perfluorooctanoic acid by zero-valent iron nanoparticles under ultraviolet light. <i>Journal of Nanoparticle Research</i> , 2020 , 22, 1 | 2.3 | 8 |
| 12 | 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> , 2019 , 16, 1391-1399 | 3 | 4 |
| 11 | 1,4-Dioxane-contaminated groundwater remediation in the anode chamber of a microbial fuel cell. <i>Water Environment Research</i> , 2019 , 91, 1537-1545 | 2.8 | 4 |
| 10 | A review on drone-based harmful algae blooms monitoring. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 211 | 3.1 | 28 |
| 9 | Biosurfactant Production from Used Vegetable Oil in the Anode Chamber of a Microbial Electrosynthesizing Fuel Cell. <i>Waste and Biomass Valorization</i> , 2019 , 10, 2925-2931 | 3.2 | 3 |
| 8 | 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> , 2019 , 172, 202-215 | 7.9 | 34 |
| 7 | 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> , 2018 , 164, 197-203 | 7.9 | 20 |
| 6 | Characterization of Southern Illinois Water Treatment Residues for Sustainable Applications. <i>Sustainability</i> , 2018 , 10, 1374 | 3.6 | 6 |
| 5 | 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> , 2017 , 66, 169-177 | 8.6 | 20 |
| 4 | Bioelectrochemical treatment of acid mine drainage (AMD) from an abandoned coal mine under aerobic condition. <i>Journal of Hazardous Materials</i> , 2017 , 333, 329-338 | 12.8 | 36 |
| 3 | 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> , 2017 , 52, 1048-1054 | 2.3 | 13 |

- 2 Effects of Fe nanoparticles on bacterial growth and biosurfactant production. *Journal of Nanoparticle Research*, **2013**, 15, 1 2.3 17
- 1 Effects of Au/Fe and Fe nanoparticles on *Serratia* bacterial growth and production of biosurfactant. *Materials Science and Engineering C*, **2013**, 33, 3909-15 8.3 16