Muhammad Kashif Shahid

List of Publications by Year in Descending Order

28 papers	585 citations	14 h-index	24 g-index
35 ext. papers	852 ext. citations	6.8 avg, IF	4.9 L-index

#	Paper	IF	Citations
28	Water reclamation, recycle, and reuse **2022**, 39-50		
27	High energy ion irradiation effect on electrical and optical properties of polymers. *Radiation Physics and Chemistry*, **2022**, 192, 109931	2.5	0
26	Circular bioeconomy perspective of agro-waste-based biochar **2022**, 223-243		0
25	An Overview of Soil Bacteria for CO2 Sequestration **2022**, 91-103		
24	Agricultural Wastes as an Alternative Source for the Production of Antibiotics: Recent Developments and Future Perspectives **2022**, 125-136		
23	Nature of surface interactions among Fe3O4 particles and arsenic species during static and continuous adsorption processes. *Groundwater for Sustainable Development*, **2022**, 18, 100789	6	0
22	Optimization of Arsenic Adsorption by Mill Scale-Derived Magnetite Particles Using Response Surface Methodology. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2021**, 25, 04021022	2.3	3
21	Current advances in treatment technologies for removal of emerging contaminants from water – A critical review. *Coordination Chemistry Reviews*, **2021**, 442, 213993	23.2	36
20	Nutrient removal from domestic wastewater: A comprehensive review on conventional and advanced technologies. *Journal of Environmental Management*, **2021**, 296, 113246	7.9	28
19	From freshwater anammox bacteria (FAB) to marine anammox bacteria (MAB): A stepwise salinity acclimation process. *Science of the Total Environment*, **2021**, 796, 148753	10.2	3
18	Biofuels and biorefineries: Development, application and future perspectives emphasizing the environmental and economic aspects. *Journal of Environmental Management*, **2021**, 297, 113268	7.9	22
17	A brief review of anaerobic membrane bioreactors emphasizing recent advancements, fouling issues and future perspectives. *Journal of Environmental Management*, **2020**, 270, 110909	7.9	48
16	Packed Bed Column for Adsorption of Arsenic on Mixed-Valent Iron [Fe(II)-Fe(III)] Oxide Synthesized from Industrial Waste. *Journal of Hazardous, Toxic, and Radioactive Waste*, **2020**, 24, 04020002	2.3	9
15	Effect of pyrolysis conditions on characteristics and fluoride adsorptive performance of bone char derived from bone residue. *Journal of Water Process Engineering*, **2020**, 37, 101499	6.7	14
14	Mill scale as a ballasted flocculant for enhancing the settleability of activated sludge. *Journal of Environmental Chemical Engineering*, **2020**, 8, 104237	6.8	11
13	Characterization and application of magnetite Particles, synthesized by reverse coprecipitation method in open air from mill scale. *Journal of Magnetism and Magnetic Materials*, **2020**, 495, 165823	2.8	12
12	Magnetite synthesis using iron oxide waste and its application for phosphate adsorption with column and batch reactors. *Chemical Engineering Research and Design*, **2019**, 148, 169-179	5.5	32

List of Publications

11	Evaluation of arsenate adsorption efficiency of mill-scale derived magnetite particles with column and plug flow reactors. *Journal of Water Process Engineering*, **2019**, 28, 260-268	6.7	17
10	Adsorption of phosphate on magnetite-enriched particles (MEP) separated from the mill scale. *Frontiers of Environmental Science and Engineering*, **2019**, 13, 1	5.8	20
9	Adsorption of arsenic (V) on magnetite-enriched particles separated from the mill scale. *Environmental Earth Sciences*, **2019**, 78, 1	2.9	16
8	Synthesis of bone char from cattle bones and its application for fluoride removal from the contaminated water. *Groundwater for Sustainable Development*, **2019**, 8, 324-331	6	36
7	Inorganic fouling control in reverse osmosis wastewater reclamation by purging carbon dioxide. *Environmental Science and Pollution Research*, **2019**, 26, 1094-1102	5.1	11
6	Synthesis of magnetite from raw mill scale and its application for arsenate adsorption from contaminated water. *Chemosphere*, **2018**, 203, 90-95	8.4	32
5	The operation of reverse osmosis system with CO2 as a scale inhibitor: A study on operational behavior and membrane morphology. *Desalination*, **2018**, 426, 11-20	10.3	24
4	The comparative study for scale inhibition on surface of RO membranes in wastewater reclamation: CO 2 purging versus three different antiscalants. *Journal of Membrane Science*, **2018**, 546, 61-69	9.6	21
3	Anaerobic membrane bioreactors for biohydrogen production: Recent developments, challenges and perspectives. *Bioresource Technology*, **2018**, 269, 452-464	11	65
2	A comprehensive overview on electro-active biofilms, role of exo-electrogens and their microbial niches in microbial fuel cells (MFCs). *Chemosphere*, **2017**, 178, 534-547	8.4	107
1	Carbonate scale reduction in reverse osmosis membrane by CO2 in wastewater reclamation. *Membrane Water Treatment*, **2017**, 8, 125-136		13