

Muhammad Kashif Shahid

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.

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	A comprehensive overview on electro-active biofilms, role of exo-electrogens and their microbial niches in microbial fuel cells (MFCs). <i>Chemosphere</i> , 2017 , 178, 534-547	8.4	107
27	Anaerobic membrane bioreactors for biohydrogen production: Recent developments, challenges and perspectives. <i>Bioresource Technology</i> , 2018 , 269, 452-464	11	65
26	A brief review of anaerobic membrane bioreactors emphasizing recent advancements, fouling issues and future perspectives. <i>Journal of Environmental Management</i> , 2020 , 270, 110909	7.9	48
25	Synthesis of bone char from cattle bones and its application for fluoride removal from the contaminated water. <i>Groundwater for Sustainable Development</i> , 2019 , 8, 324-331	6	36
24	Current advances in treatment technologies for removal of emerging contaminants from water: A critical review. <i>Coordination Chemistry Reviews</i> , 2021 , 442, 213993	23.2	36
23	Magnetite synthesis using iron oxide waste and its application for phosphate adsorption with column and batch reactors. <i>Chemical Engineering Research and Design</i> , 2019 , 148, 169-179	5.5	32
22	Synthesis of magnetite from raw mill scale and its application for arsenate adsorption from contaminated water. <i>Chemosphere</i> , 2018 , 203, 90-95	8.4	32
21	Nutrient removal from domestic wastewater: A comprehensive review on conventional and advanced technologies. <i>Journal of Environmental Management</i> , 2021 , 296, 113246	7.9	28
20	The operation of reverse osmosis system with CO ₂ as a scale inhibitor: A study on operational behavior and membrane morphology. <i>Desalination</i> , 2018 , 426, 11-20	10.3	24
19	Biofuels and biorefineries: Development, application and future perspectives emphasizing the environmental and economic aspects. <i>Journal of Environmental Management</i> , 2021 , 297, 113268	7.9	22
18	The comparative study for scale inhibition on surface of RO membranes in wastewater reclamation: CO ₂ purging versus three different antiscalants. <i>Journal of Membrane Science</i> , 2018 , 546, 61-69	9.6	21
17	Adsorption of phosphate on magnetite-enriched particles (MEP) separated from the mill scale. <i>Frontiers of Environmental Science and Engineering</i> , 2019 , 13, 1	5.8	20
16	Evaluation of arsenate adsorption efficiency of mill-scale derived magnetite particles with column and plug flow reactors. <i>Journal of Water Process Engineering</i> , 2019 , 28, 260-268	6.7	17
15	Adsorption of arsenic (V) on magnetite-enriched particles separated from the mill scale. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	16
14	Effect of pyrolysis conditions on characteristics and fluoride adsorptive performance of bone char derived from bone residue. <i>Journal of Water Process Engineering</i> , 2020 , 37, 101499	6.7	14
13	Carbonate scale reduction in reverse osmosis membrane by CO ₂ in wastewater reclamation. <i>Membrane Water Treatment</i> , 2017 , 8, 125-136		13
12	Characterization and application of magnetite Particles, synthesized by reverse coprecipitation method in open air from mill scale. <i>Journal of Magnetism and Magnetic Materials</i> , 2020 , 495, 165823	2.8	12

11	Mill scale as a ballasted flocculant for enhancing the settleability of activated sludge. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104237	6.8	11
10	Inorganic fouling control in reverse osmosis wastewater reclamation by purging carbon dioxide. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 1094-1102	5.1	11
9	Packed Bed Column for Adsorption of Arsenic on Mixed-Valent Iron [Fe(II)-Fe(III)] Oxide Synthesized from Industrial Waste. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2020 , 24, 04020002	2.3	9
8	Optimization of Arsenic Adsorption by Mill Scale-Derived Magnetite Particles Using Response Surface Methodology. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2021 , 25, 04021022	2.3	3
7	From freshwater anammox bacteria (FAB) to marine anammox bacteria (MAB): A stepwise salinity acclimation process. <i>Science of the Total Environment</i> , 2021 , 796, 148753	10.2	3
6	High energy ion irradiation effect on electrical and optical properties of polymers. <i>Radiation Physics and Chemistry</i> , 2022 , 192, 109931	2.5	0
5	Circular bioeconomy perspective of agro-waste-based biochar 2022 , 223-243		0
4	Nature of surface interactions among Fe ₃ O ₄ particles and arsenic species during static and continuous adsorption processes. <i>Groundwater for Sustainable Development</i> , 2022 , 18, 100789	6	0
3	Water reclamation, recycle, and reuse 2022 , 39-50		
2	An Overview of Soil Bacteria for CO ₂ Sequestration 2022 , 91-103		
1	Agricultural Wastes as an Alternative Source for the Production of Antibiotics: Recent Developments and Future Perspectives 2022 , 125-136		