

Sarfaraz Khan

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

285
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

354
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave assisted preparation and characterization of a chitosan based flocculant for the application and evaluation of sludge flocculation and dewatering. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 708-720.	7.5	37
2	In-situ catalytic pyrolysis upgradation of microalgae into hydrocarbon rich bio-oil: Effects of nitrogen and carbon dioxide environment. <i>Bioresource Technology</i> , 2020, 314, 123758.	9.6	36
3	Complexation of Antimony with Natural Organic Matter: Performance Evaluation during Coagulation-Flocculation Process. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1092.	2.6	24
4	Better understanding the polymerization kinetics of ultrasonic-template method and new insight on sludge floc characteristics research. <i>Science of the Total Environment</i> , 2019, 689, 546-556.	8.0	23
5	Removal of ZnO Nanoparticles from Natural Waters by Coagulation-Flocculation Process: Influence of Surfactant Type on Aggregation, Dissolution and Colloidal Stability. <i>Sustainability</i> , 2019, 11, 17.	3.2	23
6	Influence of Organic Ligands on the Colloidal Stability and Removal of ZnO Nanoparticles from Synthetic Waters by Coagulation. <i>Processes</i> , 2018, 6, 170.	2.8	22
7	Large-scale synthesis of 2D bismuth-enriched bismuth oxyiodides at low temperatures for high-performance supercapacitor and photocatalytic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 5385-5401.	2.2	22
8	The Removal of CuO Nanoparticles from Water by Conventional Treatment C/F/S: The Effect of pH and Natural Organic Matter. <i>Molecules</i> , 2019, 24, 914.	3.8	18
9	The Influence of Ionic and Nonionic Surfactants on the Colloidal Stability and Removal of CuO Nanoparticles from Water by Chemical Coagulation. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1260.	2.6	14
10	Interaction of Arsenic Species with Organic Ligands: Competitive Removal from Water by Coagulation-Flocculation-Sedimentation (C/F/S). <i>Molecules</i> , 2019, 24, 1619.	3.8	13
11	Effect of Water Chemistry on Antimony Removal by Chemical Coagulation: Implications of ζ -Potential and Size of Precipitates. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2945.	4.1	11
12	Interaction between Persistent Organic Pollutants and ZnO NPs in Synthetic and Natural Waters. <i>Nanomaterials</i> , 2019, 9, 472.	4.1	10
13	An Effective Flocculation Method to the Kaolin Wastewater Treatment by a Cationic Polyacrylamide (CPAM): Preparation, Characterization, and Flocculation Performance. <i>International Journal of Polymer Science</i> , 2018, 2018, 1-12.	2.7	8
14	Synthesis and characterization of a novel cationic polyacrylamide-based flocculants to remove Congo red efficiently in acid aqueous environment. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 18832-18843.	2.2	8
15	Effect of Dissolved Organic Matter on Agglomeration and Removal of CuO Nanoparticles by Coagulation. <i>Processes</i> , 2019, 7, 455.	2.8	5
16	Permanganate release from silica-based hollow mesoporous coagulant combined with UV for spatiotemporal enrichment and degradation of diclofenac sodium. <i>Chemosphere</i> , 2021, 284, 131306.	8.2	3
17	Synthesis of Hydrophobic Cationic Polymeric Flocculants by the Introduction of a Hydrophobic Monomer, Cationic Monomer and the Application in Sludge Dewatering. <i>Science of Advanced Materials</i> , 2020, 12, 715-724.	0.7	3
18	Construction of AgIn ₅ S ₈ /gC ₃ N ₄ composite and its enhanced photocatalytic hydrogen production and degradation of organic pollutants under visible light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16195-16206.	2.2	2

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19	Enhanced visible-light utilization with ZnCo ₂ O ₄ @BiErWO ₆ heterojunctions towards photocatalytic degradation of antibiotics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 18248-18262.	2.2	2
20	Research Progress on the Application of Magnetic Nanomaterials in Water Pollution Control. <i>Mini-Reviews in Organic Chemistry</i> , 2023, 20, 240-249.	1.3	1
21	Research Progress of Organic Carbon Nanotubes Modified Metal Composite Photocatalytic Materials in Water Treatment. <i>Mini-Reviews in Organic Chemistry</i> , 2022, 19, .	1.3	0