

Rizwan Khan

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

383
citations

687363

13
h-index

794594

19
g-index

28
all docs

28
docs citations

28
times ranked

357
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced removal of phosphate using pomegranate peel-modified nickel-lanthanum hydroxide. <i>Science of the Total Environment</i> , 2022, 809, 151181.	8.0	15
2	Use of ballasted flocculation (BF) sludge for the manufacturing of lightweight aggregates. <i>Journal of Environmental Management</i> , 2022, 305, 114379.	7.8	6
3	Coagulation Behavior of Antimony Oxyanions in Water: Influence of pH, Inorganic and Organic Matter on the Physicochemical Characteristics of Iron Precipitates. <i>Molecules</i> , 2022, 27, 1663.	3.8	2
4	Efficacy of Continuous Flow Reactors for Biological Treatment of 1,4-Dioxane Contaminated Textile Wastewater Using a Mixed Culture. <i>Fermentation</i> , 2022, 8, 143.	3.0	7
5	Highly efficient removal of phosphate from aqueous media by pomegranate peel co-doping with ferric chloride and lanthanum hydroxide nanoparticles. <i>Journal of Cleaner Production</i> , 2021, 292, 125311.	9.3	25
6	Kinetic and isothermal sorption of antimony oxyanions onto iron hydroxide during water treatment by coagulation process. <i>Journal of Water Process Engineering</i> , 2021, 41, 102050.	5.6	14
7	Removal of Tannic Acid Stabilizes CuO Nanoparticles from Aqueous Media by PAFC: Effect of Process Conditions and Water Chemistry. <i>Molecules</i> , 2021, 26, 5615.	3.8	0
8	Removal of Arsenic Oxyanions from Water by Ferric Chloride—Optimization of Process Conditions and Implications for Improving Coagulation Performance. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9812.	2.6	4
9	Optimization of Antimony Removal by Coagulation-Flocculation-Sedimentation Process Using Response Surface Methodology. <i>Processes</i> , 2021, 9, 117.	2.8	13
10	Synergetic Effect of Organic Flocculant and Montmorillonite Clay on the Removal of Nano-CuO by Coagulation-Flocculation-Sedimentation Process. <i>Nanomaterials</i> , 2021, 11, 2753.	4.1	3
11	Adsorption Capacities of Iron Hydroxide for Arsenate and Arsenite Removal from Water by Chemical Coagulation: Kinetics, Thermodynamics and Equilibrium Studies. <i>Molecules</i> , 2021, 26, 7046.	3.8	7
12	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. <i>Journal of Environmental Sciences</i> , 2020, 91, 189-198.	6.1	23
13	Effect of Water Chemistry on Antimony Removal by Chemical Coagulation: Implications of η -Potential and Size of Precipitates. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2945.	4.1	11
14	Effect of Dissolved Organic Matter on Agglomeration and Removal of CuO Nanoparticles by Coagulation. <i>Processes</i> , 2019, 7, 455.	2.8	5
15	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
16	Coagulation and Dissolution of CuO Nanoparticles in the Presence of Dissolved Organic Matter Under Different pH Values. <i>Sustainability</i> , 2019, 11, 2825.	3.2	17
17	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
18	Interaction between Persistent Organic Pollutants and ZnO NPs in Synthetic and Natural Waters. <i>Nanomaterials</i> , 2019, 9, 472.	4.1	10

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19	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
20	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
21	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
22	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
23	Influence of pH and Contaminant Redox Form on the Competitive Removal of Arsenic and Antimony from Aqueous Media by Coagulation. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 574.	2.0	28
24	Taguchi Orthogonal Array Dataset for the Effect of Water Chemistry on Aggregation of ZnO Nanoparticles. <i>Data</i> , 2018, 3, 21.	2.3	7
25	Removal of Sb(III) and Sb(V) by Ferric Chloride Coagulation: Implications of Fe Solubility. <i>Water (Switzerland)</i> , 2018, 10, 418.	2.7	40
26	Assessment of Key Environmental Factors Influencing the Sedimentation and Aggregation Behavior of Zinc Oxide Nanoparticles in Aquatic Environment. <i>Water (Switzerland)</i> , 2018, 10, 660.	2.7	32