Rizwan Khan

List of Publications by Year
in descending order

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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	Removal of Sb(III) and Sb(V) by Ferric Chloride Coagulation: Implications of Fe Solubility. Water (Switzerland), 2018, 10, 418.	2.7	40
2	Assessment of Key Environmental Factors Influencing the Sedimentation and Aggregation Behavior of Zinc Oxide Nanoparticles in Aquatic Environment. Water (Switzerland), 2018, 10, 660.	2.7	32
3	Influence of pH and Contaminant Redox Form on the Competitive Removal of Arsenic and Antimony from Aqueous Media by Coagulation. Minerals (Basel, Switzerland), 2018, 8, 574.	2.0	28
4	Highly efficient removal of phosphate from aqueous media by pomegranate peel co-doping with ferric chloride and lanthanum hydroxide nanoparticles. Journal of Cleaner Production, 2021, 292, 125311.	9.3	25
5	Complexation of Antimony with Natural Organic Matter: Performance Evaluation during Coagulation-Flocculation Process. International Journal of Environmental Research and Public Health, 2019, 16, 1092.	2.6	24
6	Removal of ZnO Nanoparticles from Natural Waters by Coagulation-Flocculation Process: Influence of Surfactant Type on Aggregation, Dissolution and Colloidal Stability. Sustainability, 2019, 11, 17.	3.2	23
7	Adsorptive removal of phosphate by the bimetallic hydroxide nanocomposites embedded in pomegranate peel. Journal of Environmental Sciences, 2020, 91, 189-198.	6.1	23
8	Influence of Organic Ligands on the Colloidal Stability and Removal of ZnO Nanoparticles from Synthetic Waters by Coagulation. Processes, 2018, 6, 170.	2.8	22
9	The Removal of CuO Nanoparticles from Water by Conventional Treatment C/F/S: The Effect of pH and Natural Organic Matter. Molecules, 2019, 24, 914.	3.8	18
10	Coagulation and Dissolution of CuO Nanoparticles in the Presence of Dissolved Organic Matter Under Different pH Values. Sustainability, 2019, 11, 2825.	3.2	17
11	Enhanced removal of phosphate using pomegranate peel-modified nickelâ€'lanthanum hydroxide. Science of the Total Environment, 2022, 809, 151181.	8.0	15
12	The Influence of Ionic and Nonionic Surfactants on the Colloidal Stability and Removal of CuO Nanoparticles from Water by Chemical Coagulation. International Journal of Environmental Research and Public Health, 2019, 16, 1260.	2.6	14
13	Kinetic and isothermal sorption of antimony oxyanions onto iron hydroxide during water treatment by coagulation process. Journal of Water Process Engineering, 2021, 41, 102050.	5.6	14
14	Interaction of Arsenic Species with Organic Ligands: Competitive Removal from Water by Coagulation-Flocculation-Sedimentation (C/F/S). Molecules, 2019, 24, 1619.	3.8	13
15	Optimization of Antimony Removal by Coagulation-Flocculation-Sedimentation Process Using Response Surface Methodology. Processes, 2021, 9, 117.	2.8	13
16	Effect of Water Chemistry on Antimony Removal by Chemical Coagulation: Implications of Î¶-Potential and Size of Precipitates. International Journal of Molecular Sciences, 2019, 20, 2945.	4.1	11
17	Interaction between Persistent Organic Pollutants and ZnO NPs in Synthetic and Natural Waters. Nanomaterials, 2019, 9, 472.	4.1	10
18	Taguchi Orthogonal Array Dataset for the Effect of Water Chemistry on Aggregation of ZnO Nanoparticles. Data, 2018, 3, 21.	2.3	7

#	Article	IF	Citations
19	Adsorption Capacities of Iron Hydroxide for Arsenate and Arsenite Removal from Water by Chemical Coagulation: Kinetics, Thermodynamics and Equilibrium Studies. Molecules, 2021, 26, 7046.	3.8	7
20	Efficacy of Continuous Flow Reactors for Biological Treatment of 1,4-Dioxane Contaminated Textile Wastewater Using a Mixed Culture. Fermentation, 2022, 8, 143.	3.0	7
21	Use of ballasted flocculation (BF) sludge for the manufacturing of lightweight aggregates. Journal of Environmental Management, 2022, 305, 114379.	7.8	6
22	Effect of Dissolved Organic Matter on Agglomeration and Removal of CuO Nanoparticles by Coagulation. Processes, 2019, 7, 455.	2.8	5
23	Removal of Arsenic Oxyanions from Water by Ferric Chlorideâ€"Optimization of Process Conditions and Implications for Improving Coagulation Performance. International Journal of Environmental Research and Public Health, 2021, 18, 9812.	2.6	4
24	Synergetic Effect of Organic Flocculant and Montmorillonite Clay on the Removal of Nano-CuO by Coagulation-Flocculation-Sedimentation Process. Nanomaterials, 2021, 11, 2753.	4.1	3
25	Coagulation Behavior of Antimony Oxyanions in Water: Influence of pH, Inorganic and Organic Matter on the Physicochemical Characteristics of Iron Precipitates. Molecules, 2022, 27, 1663.	3.8	2
26	Removal of Tannic Acid Stabilizes CuO Nanoparticles from Aqueous Media by PAFC: Effect of Process Conditions and Water Chemistry. Molecules, 2021, 26, 5615.	3.8	0