

Hassan Rasoulzadeh

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

474
citations

1039406

9
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

581
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and optimisation by response surface technique for adsorption of carbon dioxide by aminated biosilica/alginate composite: Experiments, characterisation and regeneration studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 3740-3761.	1.8	6
2	The adsorption behaviour of triclosan onto magnetic bio polymer beads impregnated with diatomite. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4130-4142.	1.8	12
3	Predicting the capability of diatomite magnano composite boosted with polymer extracted from brown seaweeds for the adsorption of cyanide from water solutions using the response surface methodology: modelling and optimisation. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 4702-4715.	1.8	13
4	Application of the Fe ₃ O ₄ / alginate/ diatomite nano-adsorbent for the adsorption of palladium and cyanide from wastewater: optimisation, kinetic and equilibrium studies. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 6076-6096.	1.8	2
5	Investigation into the influencing factors and adsorption characteristics in the effective capture of carbon dioxide in flue gas by chitosan grafted Leca biocomposite. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 9186-9208.	1.8	18
6	Improvement of Floxin photocatalytic degradability in the presence of sulfite: Performance, kinetic, degradation pathway, energy consumption and total cost of system. <i>International Journal of Environmental Health Research</i> , 2022, 32, 2781-2797.	1.3	1
7	Enhanced desalination efficiency of flow-through capacitive deionization cell by mesh electrode with granular aerogel carbon in the removal of ions from synthetic and real samples. <i>Journal of Water Reuse and Desalination</i> , 2022, 12, 33-51.	1.2	1
8	Eco-friendly rapid removal of palladium from aqueous solutions using alginate-diatomite magnano composite. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105954.	3.3	31
9	Parametric modelling of Pb(II) adsorption onto chitosan-coated Fe ₃ O ₄ particles through RSM and DE hybrid evolutionary optimization framework. <i>Journal of Molecular Liquids</i> , 2020, 297, 111893.	2.3	76
10	Synthesis, characterization of Nickel doped Zinc oxide by radio-frequency sputtering and application in photo-electrocatalysis degradation of Norfloxacin. <i>Materials Letters</i> , 2020, 269, 127647.	1.3	17
11	Mechanistic investigation of ciprofloxacin recovery by magnetite-imprinted chitosan nanocomposite: Isotherm, kinetic, thermodynamic and reusability studies. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 712-721.	3.6	56
12	Magnetic chitosan nanocomposite: Fabrication, properties, and optimization for adsorptive removal of crystal violet from aqueous solutions. <i>Carbohydrate Polymers</i> , 2019, 206, 844-853.	5.1	105
13	Adsorption of La (III) on Chitosan-Imprinted Nano Zero-Valent Iron Nanocomposite (CS@nZVI): Process Optimization, Isotherm, Kinetic, and Thermodynamic Studies. <i>Health Scope</i> , 2019, 9, .	0.4	6
14	Systematic review and health risk assessment of arsenic and lead in the fished shrimps from the Persian gulf. <i>Food and Chemical Toxicology</i> , 2018, 113, 278-286.	1.8	84
15	Adsorptive Removal of Arsenic and Mercury from Aqueous Solutions by Eucalyptus Leaves. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	35
16	Design and synthesis of two novel carbon aerogels using citric and tartaric acids as catalysts for continuous water desalination. , 0, 215, 69-79.		11
17	Efficient destruction of metronidazole and ofloxacin antibiotics in the aqueous solutions by a new advanced oxidation process based on sulphite. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-20.	1.8	0