

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Design and synthesis of two novel carbon aerogels using citric and tartaric acids as catalysts for continuous water desalination. , 0, 215, 69-79. | | 11 |
| 12 | 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 |
| 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 | 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 |
| 15 | 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 |
| 16 | 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 |
| 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 |