Yuanyuan Ge

List of Publications by Year
in descending order

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23	1,987	516710 16	610901 24
papers	citations	h-index	g-index

24	24	24	2039
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Homologous amino acids promoted co-immobilization of laccase and mediator onto geopolymer microspheres for enhancing degradation of dyes in water. Journal of Hazardous Materials, 2022, 423, 127107.	12.4	20
2	A low-cost photo-evaporation inorganic membrane preparation and treatment of the simulated high salinity radioactive waste water. Journal of Hazardous Materials, 2022, 424, 127433.	12.4	16
3	Catalytic depolymerization of lignin into monophenols over an amorphous mesoporous geopolymer monolith. Journal of Cleaner Production, 2022, 332, 130115.	9.3	11
4	Chitosan-modified geopolymer sub-microparticles reinforced multifunctional membrane for enhanced removal of multiple contaminants in water. Journal of Membrane Science, 2022, 658, 120704.	8.2	7
5	Sodium Alginate Microspheres Interspersed with Modified Lignin and Bentonite (SA/ML-BT) as a Green and Highly Effective Adsorbent for Batch and Fixed-Bed Column Adsorption of Hg (II). Journal of Inorganic and Organometallic Polymers and Materials, 2021, 31, 659-673.	3.7	10
6	Facile fabrication of a low-cost and environmentally friendly inorganic-organic composite membrane for aquatic dye removal. Journal of Environmental Management, 2020, 256, 109969.	7.8	33
7	Enhanced removal of crystal violet in water using a facile-fabricated and environmental-friendly laccase immobilized composite membrane. Process Biochemistry, 2020, 98, 122-130.	3.7	30
8	In-situ synchronous carbonation and self-activation of biochar/geopolymer composite membrane: Enhanced catalyst for oxidative degradation of tetracycline in water. Chemical Engineering Journal, 2020, 397, 125528.	12.7	54
9	A Low-Cost Biomimetic Heterostructured Multilayer Membrane with Geopolymer Microparticles for Broad-Spectrum Water Purification. ACS Applied Materials & Interfaces, 2020, 12, 12133-12142.	8.0	44
10	Lignin xanthate resinâ€“bentonite clay composite as a highly effective and low-cost adsorbent for the removal of doxycycline hydrochloride antibiotic and mercury ions in water. Journal of Hazardous Materials, 2019, 368, 33-41.	12.4	147
11	Fabrication of a versatile lignin-based nano-trap for heavy metal ion capture and bacterial inhibition. Chemical Engineering Journal, 2019, 358, 310-320.	12.7	95
12	Application of Lignin and Its Derivatives in Adsorption of Heavy Metal Ions in Water: A Review. ACS Sustainable Chemistry and Engineering, 2018, 6, 7181-7192.	6.7	378
13	Synthesis of a lignin-based surfactant through amination, sulfonation, and acylation. Journal of Dispersion Science and Technology, 2018, 39, 1140-1143.	2.4	12
14	Facile fabrication of green geopolymer/alginate hybrid spheres for efficient removal of Cu(II) in water: Batch and column studies. Chemical Engineering Journal, 2017, 311, 126-134.	12.7	140
15	Removal of lead ion and oil droplet from aqueous solution by lignin-grafted carbon nanotubes. Chemical Engineering Journal, 2017, 308, 809-817.	12.7	151
16	Surface-Functionalized Porous Lignin for Fast and Efficient Lead Removal from Aqueous Solution. ACS Applied Materials & Interfaces, 2015, 7, 15000-15009.	8.0	163
17	Preparation of geopolymer-based inorganic membrane for removing Ni2+ from wastewater. Journal of Hazardous Materials, 2015, 299, 711-718.	12.4	137
18	Fabrication of a green porous lignin-based sphere for the removal of lead ions from aqueous media. Journal of Hazardous Materials, 2015, 285, 77-83.	12.4	158

#	Article	IF	Citations
19	Porous geopolymeric spheres for removal of Cu(II) from aqueous solution: Synthesis and evaluation. Journal of Hazardous Materials, 2015, 283, 244-251.	12.4	193
20	Dithiocarbamate functionalized lignin for efficient removal of metallic ions and the usage of the metal-loaded bio-sorbents as potential free radical scavengers. Journal of Materials Chemistry A, 2014, 2, 2136-2145.	10.3	128
21	Preparation and Evaluation of Sodium Carboxymethylcellulose from Sugarcane Bagasse for Applications in Coal-Water Slurry. Journal of Macromolecular Science - Pure and Applied Chemistry, 2013, 50, 757-762.	2.2	10
22	Influence of molecular mass of lignosulfonates on the resulting surface charges of solid particles. International Journal of Biological Macromolecules, 2013, 52, 300-304.	7.5	17
23	Evaluation of Steric Repulsive Force in the Aqueous Dispersion System of Dimethomorph Powder with Lignosulfonates via X-ray Photoelectron Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 24865-24870.	3.1	27