Nana Wang

List of Publications by Year
in descending order

17	553	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	653
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation and Application of a Xanthate-Modified Thiourea Chitosan Sponge for the Removal of Pb(II) from Aqueous Solutions. Industrial & Engineering Chemistry Research, 2016, 55, 4960-4968.	3.7	70
2	Comparative studies on Pb(II) biosorption with three spongy microbe-based biosorbents: High performance, selectivity and application. Journal of Hazardous Materials, 2019, 373, 39-49.	12.4	64
3	Highly efficient recovery and clean-up of four heavy metals from MSWI fly ash by integrating leaching, selective extraction and adsorption. Journal of Cleaner Production, 2019, 234, 139-149.	9.3	63
4	Development of novel assisting agents for the electrokinetic remediation of heavy metal-contaminated kaolin. Electrochimica Acta, 2016, 218, 140-148.	5.2	56
5	Enhanced Selective Adsorption of Pb(II) from Aqueous Solutions by One-Pot Synthesis of Xanthate-Modified Chitosan Sponge: Behaviors and Mechanisms. Industrial & Engineering Chemistry Research, 2016, 55, 12222-12231.	3.7	50
6	Electrokinetic remediation of heavy metals contaminated kaolin by a CNT-covered polyethylene terephthalate yarn cathode. Electrochimica Acta, 2016, 213, 140-147.	5.2	47
7	The influence of macroelements on energy consumption during periodic power electrokinetic remediation of heavy metals contaminated black soil. Electrochimica Acta, 2017, 235, 604-612.	5.2	43
8	One-step synthesis of cake-like biosorbents from plant biomass for the effective removal and recovery heavy metals: Effect of plant species and roles of xanthation. Chemosphere, 2021, 266, 129129.	8.2	34
9	High performance and prospective application of xanthate-modified thiourea chitosan sponge-combined Pseudomonas putida and Talaromyces amestolkiae biomass for Pb(II) removal from wastewater. Bioresource Technology, 2017, 233, 58-66.	9.6	32
10	Removal of thallium(I) from aqueous solutions using titanate nanomaterials: The performance and the influence of morphology. Science of the Total Environment, 2020, 717, 137090.	8.0	22
11	Source analysis of municipal solid waste in a mega-city (Guangzhou): Challenges or opportunities?. Waste Management and Research, 2018, 36, 1166-1176.	3.9	14
12	Assessment of heavy metals mobility and correlative recovery and decontamination from MSWI fly ash: Mechanism and hydrometallurgical process evaluation. Science of the Total Environment, 2021, 768, 145050.	8.0	12
13	Efficient removal of antimony with natural secondary iron minerals: effect of structural properties and sorption mechanism. Environmental Chemistry, 2020, 17, 332.	1.5	12
14	Sorption of arsenate(â...) to naturally occurring secondary iron minerals formed at different conditions: The relationship between sorption behavior and surface structure. Chemosphere, 2021, 285, 131525.	8.2	10
15	Cu2(OH)PO4 pretreated by composite surfactants for the micro-domino effect: A high-efficiency Fenton catalyst for the total oxidation of dyes. Materials Letters, 2016, 166, 71-74.	2.6	9
16	Optimizing critical metals recovery and correlative decontamination from MSWI fly ash: Evaluation of an integrating two-step leaching hydrometallurgical process. Journal of Cleaner Production, 2022, 368, 133017.	9.3	9
17	Plate column adsorption of Pb(II) from industrial wastewater on sponge-type composite adsorbent: Optimization and application. Journal of Industrial and Engineering Chemistry, 2018, 66, 333-342.	5.8	6