

Nana Wang

List of Publications by Year in descending order

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17
papers

553
citations

759233

12
h-index

888059

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17
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17
docs citations

17
times ranked

653
citing authors

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