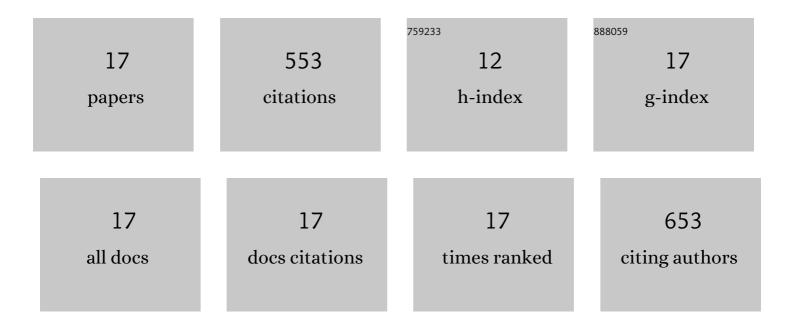
Nana Wang

List of Publications by Year in descending order

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| # | 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 |