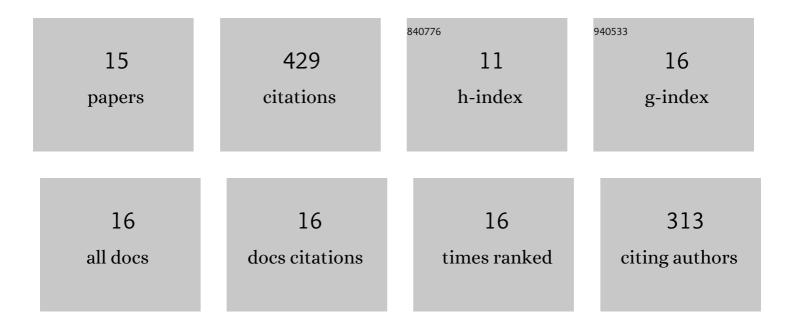
Guangyu An

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Design and application of metal-organic frameworks and derivatives as heterogeneous Fenton-like catalysts for organic wastewater treatment: A review. Environment International, 2021, 146, 106273.	10.0	117
2	The influence of particle size and concentration combined with pH on coagulation mechanisms. Journal of Environmental Sciences, 2019, 82, 39-46.	6.1	70
3	Influence of particle size on the aggregation behavior of nanoparticles: Role of structural hydration layer. Journal of Environmental Sciences, 2021, 103, 33-42.	6.1	34
4	Pre-aggregation of Al13 in optimizing coagulation for removal of humic acid. Chemosphere, 2021, 277, 130268.	8.2	27
5	Enhanced coagulation for mitigation of disinfection by-product precursors: A review. Advances in Colloid and Interface Science, 2021, 296, 102518.	14.7	27
6	Removal of disinfection by-product precursors by Al-based coagulants: A comparative study on coagulation performance. Journal of Hazardous Materials, 2021, 420, 126558.	12.4	27
7	Advances in micro interfacial phenomena of adsorptive micellar flocculation: Principles and application for water treatment. Water Research, 2021, 202, 117414.	11.3	26
8	Optimized coagulation pathway of Al13: Effect of in-situ Aggregation of Al13. Chemosphere, 2019, 230, 76-83.	8.2	24
9	Deprotonation and aggregation of Al13 under alkaline titration: A simulating study related to coagulation process. Water Research, 2021, 203, 117562.	11.3	19
10	Molecular investigation on changing behaviors of natural organic matter by coagulation with non-targeting screen using high-resolution mass spectrometry. Journal of Hazardous Materials, 2022, 424, 127408.	12.4	19
11	Design and coagulation mechanism of a new functional composite coagulant in removing humic acid. Separation and Purification Technology, 2022, 292, 121016.	7.9	12
12	Efficient purification of Al30 by organic complexation method. Journal of Environmental Sciences, 2019, 80, 240-247.	6.1	11
13	Formation of Al30 aggregates and its correlation to the coagulation effect. Chemosphere, 2021, 278, 130493.	8.2	9
14	Decomposition of Al13 promoted by salicylic acid under acidic condition: Mechanism study by differential mass spectrometry method and DFT calculation. Journal of Environmental Sciences, 2023, 126, 423-433.	6.1	3
15	Crystallization of aluminum polycation sulfates: transformation of tetrahedral crystals into block crystals in aqueous solutions. CrystEngComm, 2019, 21, 202-206.	2.6	2