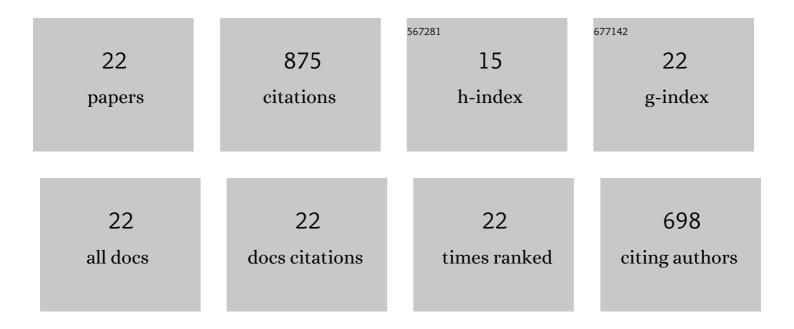
Guisheng Zeng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Improving the electrostatic precipitation removal efficiency on fine particles by adding wetting agent during the chemical agglomeration process. Fuel Processing Technology, 2022, 230, 107202.	7.2	11
2	Hydroxypropyl amine surfactant: A novel flotation collector for efficient separation of scheelite from calcite. Minerals Engineering, 2021, 167, 106898.	4.3	22
3	Highly efficient phosphorus and potassium recovery from urine via crystallization process in a fluidized bed reactor system. Journal of Environmental Chemical Engineering, 2021, 9, 105623.	6.7	15
4	Recycling of mullite from high-alumina coal fly ash by a mechanochemical activation method: Effect of particle size and mechanism research. Science of the Total Environment, 2021, 784, 147100.	8.0	28
5	Ultrasonic power combined with seed materials for recovery of phosphorus from swine wastewater via struvite crystallization process. Journal of Environmental Management, 2021, 293, 112961.	7.8	85
6	Singlet oxygen-dominated activation of peroxymonosulfate by passion fruit shell derived biochar for catalytic degradation of tetracycline through a non-radical oxidation pathway. Journal of Hazardous Materials, 2021, 419, 126495.	12.4	180
7	Phosphorus recovery and iron, copper precipitation from swine wastewater via struvite crystallization using various magnesium compounds. Journal of Cleaner Production, 2021, 328, 129588.	9.3	26
8	Simultaneous Recycling of Critical Metals and Aluminum Foil from Waste LiNi _{1/3} Co _{1/3} Mn _{1/3} O ₂ Cathode via Ethylene Glycol–Citric Acid System. ACS Sustainable Chemistry and Engineering, 2021, 9, 16133-16142.	6.7	24
9	Synthesis of (ZrO2-Al2O3)/GO nanocomposite by sonochemical method and the mechanism analysis of its high defluoridation. Journal of Hazardous Materials, 2020, 381, 120954.	12.4	36
10	A novel collector with wide pH adaptability and high selectivity towards flotation separation of scheelite from calcite. Minerals Engineering, 2020, 158, 106606.	4.3	22
11	Synergistic removal of cadmium and organic matter by a microalgae-endophyte symbiotic system (MESS): An approach to improve the application potential of plant-derived biosorbents. Environmental Pollution, 2020, 261, 114177.	7.5	21
12	Effect of magnetic field on sodium arsenate metastable zone width and crystal nucleation kinetics for crystallization. International Journal of Chemical Kinetics, 2020, 52, 463-471.	1.6	11
13	Synthesis of La ₂ (C ₂ O ₄) ₃ nanoprisms decorated with Fe ₃ O ₄ @m(ZrO ₂ eO ₂) nanospheres and their application for effective fluoride removal. Journal of Chemical Technology and Biotechnology, 2019, 94, 3650-3660.	3.2	5
14	Fluorine removal and calcium fluoride recovery from rare-earth smelting wastewater using ï¬,uidized bed crystallization process. Journal of Hazardous Materials, 2019, 373, 313-320.	12.4	60
15	Enhancement of Fenton oxidation for removing organic matter from hypersaline solution by accelerating ferric system with hydroxylamine hydrochloride and benzoquinone. Journal of Environmental Sciences, 2016, 41, 16-23.	6.1	20
16	Determination of metastable zone width and the primary nucleation kinetics of sodium sulfate. Theoretical Foundations of Chemical Engineering, 2015, 49, 869-876.	0.7	14
17	Preparation and properties of La-doped barium ferrite/poly (3-methylthiophene) composites. Advanced Composite Materials, 2015, 24, 17-26.	1.9	3
18	Hierarchical heterostructure of CdS nanoparticles sensitized electrospun TiO2 nanofibers with enhanced photocatalytic activity. Separation and Purification Technology, 2014, 122, 60-66.	7.9	37

GUISHENG ZENG

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19	Effects of ultrasonic radiation on induction period and nucleation kinetics of sodium sulfate. Korean Journal of Chemical Engineering, 2014, 31, 807-811.	2.7	15
20	Effect of ultrasound on sodium arsenate induction time and crystallization property during solution crystallization processes. Acoustical Physics, 2014, 60, 356-360.	1.0	8
21	Influence of silver ions on bioleaching of cobalt from spent lithium batteries. Minerals Engineering, 2013, 49, 40-44.	4.3	86
22	A copper-catalyzed bioleaching process for enhancement of cobalt dissolution from spent lithium-ion batteries. Journal of Hazardous Materials, 2012, 199-200, 164-169.	12.4	146