Tieyue Qi

List of Publications by Year
in descending order

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17	389	840776 11	888059 17
papers	citations	h-index	g-index

17	17	17	231
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Construction of Confined Bifunctional 2D Material for Efficient Sulfur Resource Recovery and Hg²⁺ Adsorption in Desulfurization. Environmental Science & Technology, 2022, 56, 4531-4541.	10.0	13
2	Selenium uptake and simultaneous catalysis of sulfite oxidation in ammonia-based desulfurization. Journal of Environmental Sciences, 2021, 103, 207-218.	6.1	11
3	Enhanced oxidation of sulfite over a highly efficient biochar-induced silica composite for sulfur resource utilization in magnesia desulfurization. Journal of Materials Chemistry A, 2021, 9, 13288-13296.	10.3	8
4	Synchronous catalysis of sulfite oxidation and abatement of Hg2+ in wet desulfurization using one-pot synthesized Co-TUD-1/S. Separation and Purification Technology, 2021, 266, 118546.	7.9	8
5	TiO₂ Coating Strategy for Robust Catalysis of the Metalâ€“Organic Framework toward Energy-Efficient CO₂ Capture. Environmental Science & Technology, 2021, 55, 11216-11224.	10.0	38
6	Cobalt-based metal-organic frameworks promoting magnesium sulfite oxidation with ultrahigh catalytic activity and stability. Journal of Colloid and Interface Science, 2020, 559, 88-95.	9.4	33
7	Simultaneous Catalysis of Sulfite Oxidation and Uptake of Heavy Metals by Bifunctional Activated Carbon Fiber in Magnesia Desulfurization. Catalysts, 2020, 10, 244.	3.5	6
8	Short-range ordered Co(OH)2/TiO2 for boosting sulfite oxidation: Performance and mechanism. Journal of Colloid and Interface Science, 2020, 571, 90-99.	9.4	17
9	Superior energy-saving catalyst of Mn@ZIF67 for reclaiming byproduct in wet magnesia desulfurization. Applied Catalysis B: Environmental, 2020, 275, 119143.	20.2	39
10	Kinetics of magnesium sulfite oxidation catalyzed by cobalt using a straw/sludge substrate as support. Environmental Progress and Sustainable Energy, 2019, 38, 201-207.	2.3	6
11	Suppressing Ammonia Re-Emission with the Aid of the Co3O4-NPs@KIT-6 Catalyst in Ammonia-Based Desulfurization. Environmental Science & Technology, 2019, 53, 13477-13485.	10.0	14
12	Co-site substitution by Mn supported on biomass-derived active carbon for enhancing magnesia desulfurization. Journal of Hazardous Materials, 2019, 365, 531-537.	12.4	28
13	Uniform dispersion of cobalt nanoparticles over nonporous TiO2 with low activation energy for magnesium sulfate recovery in a novel magnesia-based desulfurization process. Journal of Hazardous Materials, 2018, 342, 579-588.	12.4	47
14	Promoting magnesium sulfite oxidation via partly oxidized metal nanoparticles on graphitic carbon nitride (g-C₃N₄) in the magnesia desulfurization process. Journal of Materials Chemistry A, 2018, 6, 11296-11305.	10.3	23
15	Insight into structural role of 2D/3D mesoporous silicon in catalysis of magnesium sulfite oxidation. Applied Catalysis A: General, 2018, 566, 33-43.	4.3	10
16	A green and robust solid catalyst facilitating the magnesium sulfite oxidation in the magnesia desulfurization process. Journal of Materials Chemistry A, 2017, 5, 8018-8028.	10.3	33
17	Inhibiting Mercury Re-emission and Enhancing Magnesia Recovery by Cobalt-Loaded Carbon Nanotubes in a Novel Magnesia Desulfurization Process. Environmental Science & Technology, 2017, 51, 11346-11353.	10.0	55