

# Tieyue Qi

## List of Publications by Year in descending order

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papers

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840776

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times ranked

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