

Xian Zhang

List of Publications by Year in descending order

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16
papers

501
citations

759233

12
h-index

940533

16
g-index

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17
docs citations

17
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of methylene blue onto humic acid-coated Fe ₃ O ₄ nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 435, 85-90.	4.7	148
2	Coagulation characteristics of polyaluminum chlorides PAC-Al ₃₀ on humic acid removal from water. <i>Separation and Purification Technology</i> , 2008, 63, 642-647.	7.9	95
3	Synthesis of High-Performanced Titanium Silicalite-1 Zeolite at Very Low Usage of Tetrapropyl Ammonium Hydroxide. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 3762-3772.	3.7	33
4	The synthesis of pyridine and 3-picoline from gas-phase acrolein diethyl acetal with ammonia over ZnO/HZSM-5. <i>Chemical Engineering Journal</i> , 2015, 273, 7-18.	12.7	28
5	Synthesis of 3-picoline from acrolein and ammonia through a liquid-phase reaction pathway using SO ₄ ²⁻ /ZrO ₂ -FeZSM-5 as catalyst. <i>Chemical Engineering Journal</i> , 2014, 253, 544-553.	12.7	26
6	Ethanol-assistant synthesis of TS-1 containing no extra-framework Ti species. <i>Catalysis Today</i> , 2010, 158, 510-514.	4.4	25
7	Humic Acid Removal from Water with Polyaluminum Coagulants: Effect of Sulfate on Aluminum Polymerization. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 293-298.	1.4	24
8	Adsorption Neutralization Model and Floc Growth Kinetics Properties of Aluminum Coagulants Based on Sips and Boltzmann Equations. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5992-5999.	8.0	23
9	Mechanism of pyridine bases prepared from acrolein and ammonia by in situ infrared spectroscopy. <i>Journal of Molecular Catalysis A</i> , 2016, 411, 19-26.	4.8	17
10	A comparative study on the characteristics and coagulation mechanism of PAC-Al ₁₃ and PAC-Al ₃₀ . <i>RSC Advances</i> , 2016, 6, 108369-108374.	3.6	16
11	Preparation of pyridine and 3-picoline from acrolein and ammonia with HF/MgZSM-5 catalyst. <i>Catalysis Communications</i> , 2016, 80, 10-14.	3.3	16
12	Humic Acid Removal from Water with PAC-Al ₃₀ : Effect of Calcium and Kaolin and the Action Mechanisms. <i>ACS Omega</i> , 2020, 5, 16413-16420.	3.5	16
13	High-poly-aluminum chloride sulfate coagulants and their coagulation performances for removal of humic acid. <i>RSC Advances</i> , 2020, 10, 7155-7162.	3.6	13
14	FACILE SYNTHESIS OF HUMIC ACID-COATED IRON OXIDE NANOPARTICLES AND THEIR APPLICATIONS IN WASTEWATER TREATMENT. <i>Functional Materials Letters</i> , 2011, 04, 373-376.	1.2	12
15	Recycling Molybdenum from Direct Coal Liquefaction Residue: A New Approach to Enhance Recycling Efficiency. <i>Catalysts</i> , 2020, 10, 306.	3.5	7
16	Synthesis of pyridine bases from ethanol, methanol and ammonia over micro-mesoporous Zn ²⁺ -OH/HZSM-5 catalyst. <i>Microporous and Mesoporous Materials</i> , 2020, 306, 110442.	4.4	2