Xian Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4186870/publications.pdf

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16	501	759233 12	940533 16
papers	citations	h-index	g-index

17	17	17	700
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Humic Acid Removal from Water with PAC-Al₃₀: Effect of Calcium and Kaolin and the Action Mechanisms. ACS Omega, 2020, 5, 16413-16420.	3.5	16
2	Synthesis of pyridine bases from ethanol, methanol and ammonia over micro-mesoporous Znâ€“OH/HZSM-5 catalyst. Microporous and Mesoporous Materials, 2020, 306, 110442.	4.4	2
3	High-poly-aluminum chloride sulfate coagulants and their coagulation performances for removal of humic acid. RSC Advances, 2020, 10, 7155-7162.	3.6	13
4	Recycling Molybdenum from Direct Coal Liquefaction Residue: A New Approach to Enhance Recycling Efficiency. Catalysts, 2020, 10, 306.	3.5	7
5	Adsorption Neutralization Model and Floc Growth Kinetics Properties of Aluminum Coagulants Based on Sips and Boltzmann Equations. ACS Applied Materials & Interfaces, 2017, 9, 5992-5999.	8.0	23
6	A comparative study on the characteristics and coagulation mechanism of PAC-Al13 and PAC-Al30. RSC Advances, 2016, 6, 108369-108374.	3.6	16
7	Preparation of pyridine and 3-picoline from acrolein and ammonia with HF/MgZSM-5 catalyst. Catalysis Communications, 2016, 80, 10-14.	3.3	16
8	Mechanism of pyridine bases prepared from acrolein and ammonia by in situ infrared spectroscopy. Journal of Molecular Catalysis A, 2016, 411, 19-26.	4.8	17
9	The synthesis of pyridine and 3-picoline from gas-phase acrolein diethyl acetal with ammonia over ZnO/HZSM-5. Chemical Engineering Journal, 2015, 273, 7-18.	12.7	28
10	Synthesis of 3-picoline from acrolein and ammonia through a liquid-phase reaction pathway using SO42â˜'/ZrO2-FeZSM-5 as catalyst. Chemical Engineering Journal, 2014, 253, 544-553.	12.7	26
11	Synthesis of High-Performanced Titanium Silicalite-1 Zeolite at Very Low Usage of Tetrapropyl Ammonium Hydroxide. Industrial & Engineering Chemistry Research, 2013, 52, 3762-3772.	3.7	33
12	Adsorption of methylene blue onto humic acid-coated Fe3O4 nanoparticles. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 435, 85-90.	4.7	148
13	Humic Acid Removal from Water with Polyaluminum Coagulants: Effect of Sulfate on Aluminum Polymerization. Journal of Environmental Engineering, ASCE, 2012, 138, 293-298.	1.4	24
14	FACILE SYNTHESIS OF HUMIC ACID-COATED IRON OXIDE NANOPARTICLES AND THEIR APPLICATIONS IN WASTEWATER TREATMENT. Functional Materials Letters, 2011, 04, 373-376.	1.2	12
15	Ethanol-assistant synthesis of TS-1 containing no extra-framework Ti species. Catalysis Today, 2010, 158, 510-514.	4.4	25
16	Coagulation characteristics of polyaluminum chlorides PAC-Al30 on humic acid removal from water. Separation and Purification Technology, 2008, 63, 642-647.	7.9	95