

Xin Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,400
citations

516681

16
h-index

713444

21
g-index

21
all docs

21
docs citations

21
times ranked

2290
citing authors

#	ARTICLE	IF	CITATIONS
1	Pollution characteristics and risk assessment of air multi-pollutants from typical e-waste dismantling activities. <i>Environmental Pollution</i> , 2022, 294, 118630.	7.5	8
2	Rational design of electrospun nanofibers for gas purification: Principles, opportunities, and challenges. <i>Chemical Engineering Journal</i> , 2022, 446, 137099.	12.7	27
3	Boosting carbonyl sulfide catalytic hydrolysis performance over N-doped Mg-Al oxide derived from MgAl-layered double hydroxide. <i>Journal of Hazardous Materials</i> , 2021, 407, 124546.	12.4	33
4	Insight into the Adsorption Process of Ethanol and Water on the Pore Structure and Surface Chemistry Properties Engineered Activated Carbon Fibers. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 11141-11150.	3.7	4
5	Facile synthesis of Ni(OH) ₂ nanoarrays on graphene@carbon fabric as dual-functional electrochemical materials for supercapacitors and capacitive desalination. <i>RSC Advances</i> , 2021, 12, 1177-1183.	3.6	6
6	Selective oxidation of H ₂ S over Fe supported on Zr-intercalated Laponite clay mesoporous composite catalysts at low temperature. <i>Catalysis Today</i> , 2020, 355, 366-374.	4.4	16
7	Synergistic effects of Cu species and acidity of Cu-ZSM-5 on catalytic performance for selective catalytic oxidation of n-butylamine. <i>Journal of Environmental Sciences</i> , 2020, 96, 55-63.	6.1	20
8	Selective catalytic oxidation of ammonia over LaMAl ₁₁ O ₁₉ (M = Fe, Cu, Co). <i>Technology</i> , 2020, 10, 1477-1491.	4.1	16
9	Recent Advances in the Catalytic Oxidation of Volatile Organic Compounds: A Review Based on Pollutant Sorts and Sources. <i>Chemical Reviews</i> , 2019, 119, 4471-4568.	47.7	1,298
10	Fluorine-enhanced Pt/ZSM-5 catalysts for low-temperature oxidation of ethylene. <i>Catalysis Science and Technology</i> , 2018, 8, 1988-1996.	4.1	32
11	Understanding the Active Sites of Ag/Zeolites and Deactivation Mechanism of Ethylene Catalytic Oxidation at Room Temperature. <i>ACS Catalysis</i> , 2018, 8, 1248-1258.	11.2	85
12	Insight into the H ₂ S selective catalytic oxidation performance on well-mixed Ce-containing rare earth catalysts derived from MgAlCe layered double hydroxides. <i>Journal of Hazardous Materials</i> , 2018, 342, 749-757.	12.4	49
13	H ₂ S selective catalytic oxidation over Ce substituted La _{1-x} Ce _x FeO ₃ perovskite oxides catalyst. <i>Chemical Engineering Journal</i> , 2018, 348, 831-839.	12.7	75
14	High performance Pd catalysts supported on bimodal mesopore silica for the catalytic oxidation of toluene. <i>Chinese Journal of Catalysis</i> , 2015, 36, 1686-1693.	14.0	23
15	H ₂ S-Selective Catalytic Oxidation: Catalysts and Processes. <i>ACS Catalysis</i> , 2015, 5, 1053-1067.	11.2	257
16	Comprehensive study of H ₂ S selective catalytic oxidation on combined oxides derived from Mg/Al-V10O ₂₈ layered double hydroxides. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 130-138.	20.2	54
17	Catalytic behaviors of combined oxides derived from Mg/Al _x Fe _{1-x} Cl layered double hydroxides for H ₂ S selective oxidation. <i>Catalysis Science and Technology</i> , 2015, 5, 4991-4999.	4.1	36
18	Synthesis of graphene@NiFe ₂ O ₄ nanocomposites and their electrochemical capacitive behavior. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6393.	10.3	160

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19	Selective catalytic oxidation of H ₂ S over iron oxide supported on alumina-intercalated Laponite clay catalysts. <i>Journal of Hazardous Materials</i> , 2013, 260, 104-111.	12.4	84
20	Selective oxidation of H ₂ S over V ₂ O ₅ supported on CeO ₂ -intercalated Laponite clay catalysts. <i>Catalysis Science and Technology</i> , 2013, 3, 2778.	4.1	44
21	Preparation and capacitance properties of graphene/NiAl layered double-hydroxide nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 251-257.	9.4	73