Hui Wang

List of Publications by Year
in descending order

11 papers	782 citations	1040056 9 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	991 citing authors

#	Article	IF	Citations
1	Halfâ€Metallicity in Singleâ€Layered Manganese Dioxide Nanosheets by Defect Engineering. Angewandte Chemie - International Edition, 2015, 54, 1195-1199.	13.8	177
2	Insight into the mesoporous Fe Ce1â˜'O2â˜' catalysts for selective catalytic reduction of NO with NH3: Regulable structure and activity. Journal of Catalysis, 2016, 338, 56-67.	6.2	155
3	Selective catalytic oxidation of ammonia to nitrogen over CuO-CeO2 mixed oxides prepared by surfactant-templated method. Applied Catalysis B: Environmental, 2013, 134-135, 153-166.	20.2	149
4	Superior Performance of Fe_{1â€“x}W_xO_{Î´} for the Selective Catalytic Reduction of NO_x with NH₃: Interaction between Fe and W. Environmental Science & Technology, 2016, 50, 13511-13519.	10.0	116
5	Selective catalytic oxidation of ammonia to nitrogen over MnO2 prepared by urea-assisted hydrothermal method. Applied Surface Science, 2015, 351, 573-579.	6.1	43
6	Adsorption and surface reaction pathway of NH3 selective catalytic oxidation over different Cu-Ce-Zr catalysts. Applied Surface Science, 2018, 447, 40-48.	6.1	42
7	Promotion of NH3-SCR activity by sulfate-modification over mesoporous Fe doped CeO2 catalyst: Structure and mechanism. Journal of Hazardous Materials, 2021, 414, 125565.	12.4	41
8	Investigation on Cu₂O Surface Reconstruction and Catalytic Performance of NH₃-SCO by Experimental and DFT Studies. ACS Applied Energy Materials, 2020, 3, 3465-3476.	5.1	25
9	Investigation of the promotion effect of Mo doped CuO catalysts for the low-temperature performance of NH3-SCR reaction. Chinese Chemical Letters, 2022, 33, 5223-5227.	9.0	24
10	Layer MnO2 with oxygen vacancy for improved toluene oxidation activity. Surfaces and Interfaces, 2021, 22, 100897.	3.0	8
11	Effect of CO2 on the selective catalytic reduction of NO with NH3 of Fe0.4Ce0.6O2-Î´ catalyst: adsorption behavior. Surfaces and Interfaces, 2021, 24, 101118.	3.0	2