

Xin Liu

List of Publications by Year in descending order

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15
papers

587
citations

687363

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940533

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docs citations

16
times ranked

168
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of toluene in surface dielectric barrier discharge (SDBD) reactor with mesh electrode: Synergistic effect of UV and TiO ₂ deposited on electrode. <i>Chemosphere</i> , 2022, 288, 132664.	8.2	29
2	H ₂ O and H ₂ S adsorption by assistance of a heterogeneous carbon-boron-nitrogen nanocage: Computational study. <i>Main Group Chemistry</i> , 2022, 21, 185-193.	0.8	16
3	Degradation of benzene, toluene, and xylene with high gaseous hourly space velocity by double dielectric barrier discharge combined with Mn ₃ O ₄ /activated carbon fibers. <i>Journal Physics D: Applied Physics</i> , 2022, 55, 125206.	2.8	57
4	Decomposition of Toluene with a Combined Plasma Photolysis (CPP) Reactor: Influence of UV Irradiation and Byproduct Analysis. <i>Plasma Chemistry and Plasma Processing</i> , 2021, 41, 409-420.	2.4	99
5	Study on treatment of printing and dyeing waste gas in the atmosphere with Ce-Mn/GF catalyst. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	69
6	Investigation of ZrMnFe/Sepiolite Catalysts on Toluene Degradation in a One-Stage Plasma-Catalysis System. <i>Catalysts</i> , 2021, 11, 828.	3.5	33
7	Plasma-catalytic oxidation of toluene on Fe ₂ O ₃ /sepiolite catalyst in DDBD reactor. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 475201.	2.8	25
8	The influence of dusts on radiation and temperature over the eastern Asia with a regional climate model. <i>Science of the Total Environment</i> , 2021, 792, 148351.	8.0	7
9	Mn ₂ O ₃ /Al ₂ O ₃ catalysts synergistic double dielectric barrier discharge (DDBD) degradation of toluene, ethyl-acetate and acetone. <i>Chemosphere</i> , 2021, 284, 131299.	8.2	37
10	Seasonal variation in particle contribution and aerosol types in Shanghai based on satellite data from MODIS and CALIOP. <i>Particuology</i> , 2020, 51, 18-25.	3.6	23
11	Meteorological conditions and their effects on the relationship between aerosol optical depth and macro-physical properties of warm clouds over Shanghai based on MODIS. <i>Atmospheric Pollution Research</i> , 2020, 11, 1637-1644.	3.8	8
12	Validation and Accuracy Analysis of the Collection 6.1 MODIS Aerosol Optical Depth Over the Westernmost City in China Based on the Sunâ€šky Radiometer Observations From SONET. <i>Earth and Space Science</i> , 2020, 7, e2019EA001041.	2.6	22
13	The effect of ionization energy and hydrogen weight fraction on the non-thermal plasma volatile organic compounds removal efficiency. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 145201.	2.8	54
14	Experimental study on selective catalytic reduction of NO by C ₃ H ₆ over Fe/Ti-PILC catalysts. <i>Journal of Fuel Chemistry and Technology</i> , 2018, 46, 1231-1239.	2.0	28
15	Ce-Mn mixed oxides supported on glass-fiber for low-temperature selective catalytic reduction of NO with NH ₃ . <i>Journal of Rare Earths</i> , 2014, 32, 409-415.	4.8	65