

Jian Xu

List of Publications by Year in descending order

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15
papers

497
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840776

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916
citing authors

#	ARTICLE	IF	CITATIONS
1	Atmospheric Processing at the Sea-Land Interface Over the South China Sea: Secondary Aerosol Formation, Aerosol Acidity, and Role of Sea Salts. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	7
2	Data-Mined Continuous Hip-Knee Coordination Mapping With Motion Lag for Lower-Limb Prosthesis Control. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022, 30, 1557-1566.	4.9	2
3	First Continuous Measurement of Gaseous and Particulate Formic Acid in a Suburban Area of East China: Seasonality and Gas-Particle Partitioning. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 157-167.	2.7	18
4	Community Structure and Influencing Factors of Airborne Microbial Aerosols over Three Chinese Cities with Contrasting Social-Economic Levels. <i>Atmosphere</i> , 2020, 11, 317.	2.3	4
5	Importance of gas-particle partitioning of ammonia in haze formation in the rural agricultural environment. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7259-7269.	4.9	31
6	Characteristics of particulate-bound mercury at typical sites situated on dust transport paths in China. <i>Science of the Total Environment</i> , 2019, 648, 1151-1160.	8.0	14
7	Characteristics and sources of aerosol aminiums over the eastern coast of China: insights from the integrated observations in a coastal city, adjacent island and surrounding marginal seas. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10447-10467.	4.9	29
8	Aerosol Brown Carbon from Dark Reactions of Syringol in Aqueous Aerosol Mimics. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 608-617.	2.7	24
9	First long-term detection of paleo-oceanic signature of dust aerosol at the southern marginal area of the Taklimakan Desert. <i>Scientific Reports</i> , 2018, 8, 6779.	3.3	6
10	Environmentally dependent dust chemistry of a super Asian dust storm in March 2010: observation and simulation. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3505-3521.	4.9	24
11	Insights into the characteristics and sources of primary and secondary organic carbon: High time resolution observation in urban Shanghai. <i>Environmental Pollution</i> , 2018, 233, 1177-1187.	7.5	35
12	Nasal epithelial barrier disruption by particulate matter $\text{PM}_{2.5}$ via tight junction protein degradation. <i>Journal of Applied Toxicology</i> , 2018, 38, 678-687.	2.8	78
13	Signal Transductions of BEAS-2B Cells in Response to Carcinogenic $\text{PM}_{2.5}$ Exposure Based on a Microfluidic System. <i>Analytical Chemistry</i> , 2017, 89, 5413-5421.	6.5	42
14	$\text{PM}_{2.5}$ -Induced Oxidative Stress and Mitochondrial Damage in the Nasal Mucosa of Rats. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 134.	2.6	76
15	Probing the severe haze pollution in three typical regions of China: Characteristics, sources and regional impacts. <i>Atmospheric Environment</i> , 2015, 120, 76-88.	4.1	106