Jian Xu

List of Publications by Year
in descending order

15	497	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing the severe haze pollution in three typical regions of China: Characteristics, sources and regional impacts. Atmospheric Environment, 2015, 120, 76-88.	4.1	106
2	Nasal epithelial barrier disruption by particulate matter â‰2.5 Î¼m via tight junction protein degradation. Journal of Applied Toxicology, 2018, 38, 678-687.	2.8	78
3	PM2.5-Induced Oxidative Stress and Mitochondrial Damage in the Nasal Mucosa of Rats. International Journal of Environmental Research and Public Health, 2017, 14, 134.	2.6	76
4	Signal Transductions of BEAS-2B Cells in Response to Carcinogenic PM_{2.5} Exposure Based on a Microfluidic System. Analytical Chemistry, 2017, 89, 5413-5421.	6.5	42
5	Insights into the characteristics and sources of primary and secondary organic carbon: High time resolution observation in urban Shanghai. Environmental Pollution, 2018, 233, 1177-1187.	7.5	35
6	Importance of gas-particle partitioning of ammonia in haze formation in the rural agricultural environment. Atmospheric Chemistry and Physics, 2020, 20, 7259-7269.	4.9	31
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. Atmospheric Chemistry and Physics, 2019, 19, 10447-10467.	4.9	29
8	Aerosol Brown Carbon from Dark Reactions of Syringol in Aqueous Aerosol Mimics. ACS Earth and Space Chemistry, 2018, 2, 608-617.	2.7	24
9	Environmentally dependent dust chemistry of a super Asian dust storm in March 2010: observation and simulation. Atmospheric Chemistry and Physics, 2018, 18, 3505-3521.	4.9	24
10	First Continuous Measurement of Gaseous and Particulate Formic Acid in a Suburban Area of East China: Seasonality and Gasâ€“Particle Partitioning. ACS Earth and Space Chemistry, 2020, 4, 157-167.	2.7	18
11	Characteristics of particulate-bound mercury at typical sites situated on dust transport paths in China. Science of the Total Environment, 2019, 648, 1151-1160.	8.0	14
12	Atmospheric Processing at the Seaâ€Land Interface Over the South China Sea: Secondary Aerosol Formation, Aerosol Acidity, and Role of Sea Salts. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	7
13	First long-term detection of paleo-oceanic signature of dust aerosol at the southern marginal area of the Taklimakan Desert. Scientific Reports, 2018, 8, 6779.	3.3	6
14	Community Structure and Influencing Factors of Airborne Microbial Aerosols over Three Chinese Cities with Contrasting Social-Economic Levels. Atmosphere, 2020, 11, 317.	2.3	4
15	Data-Mined Continuous Hip-Knee Coordination Mapping With Motion Lag for Lower-Limb Prosthesis Control. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2022, 30, 1557-1566.	4.9	2