

Zhenhao Ling

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,389
citations

361296
20
h-index

395590
33
g-index

36
all docs

36
docs citations

36
times ranked

1353
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropospheric volatile organic compounds in China. <i>Science of the Total Environment</i> , 2017, 574, 1021-1043.	3.9	169
2	Contributions of different anthropogenic volatile organic compound sources to ozone formation at a receptor site in the Pearl River Delta region and its policy implications. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8801-8816.	1.9	137
3	A Preliminary Investigation on the Occurrence and Distribution of Antibiotics in the Yellow River and its Tributaries, China. <i>Water Environment Research</i> , 2009, 81, 248-254.	1.3	100
4	Long-term O ₃ precursor relationships in Hong Kong: field observation and model simulation. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10919-10935.	1.9	98
5	Overview on the spatial-temporal characteristics of the ozone formation regime in China. <i>Environmental Sciences: Processes and Impacts</i> , 2019, 21, 916-929.	1.7	91
6	Concentrations and sources of non-methane hydrocarbons (NMHCs) from 2005 to 2013 in Hong Kong: A multi-year real-time data analysis. <i>Atmospheric Environment</i> , 2015, 103, 196-206.	1.9	84
7	Surface O ₃ photochemistry over the South China Sea: Application of a near-explicit chemical mechanism box model. <i>Environmental Pollution</i> , 2018, 234, 155-166.	3.7	77
8	Ozone pollution around a coastal region of South China Sea: interaction between marine and continental air. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4277-4295.	1.9	74
9	Modeling the impact of chlorine emissions from coal combustion and prescribed waste incineration on tropospheric ozone formation in China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2709-2724.	1.9	56
10	Emission inventory of semi-volatile and intermediate-volatility organic compounds and their effects on secondary organic aerosol over the Pearl River Delta region. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8141-8161.	1.9	50
11	A preliminary investigation on the occurrence and distribution of antibiotic resistance genes in the Beijiang River, South China. <i>Journal of Environmental Sciences</i> , 2013, 25, 1656-1661.	3.2	48
12	Effectiveness of replacing catalytic converters in LPG-fueled vehicles in Hong Kong. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6609-6626.	1.9	46
13	Formaldehyde and Acetaldehyde at Different Elevations in Mountainous Areas in Hong Kong. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1868-1878.	0.9	30
14	Formation and sink of glyoxal and methylglyoxal in a polluted subtropical environment: observation-based photochemical analysis and impact evaluation. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 11451-11467.	1.9	29
15	A gridded emission inventory of semi-volatile and intermediate volatility organic compounds in China. <i>Science of the Total Environment</i> , 2021, 761, 143295.	3.9	27
16	Factors dominating 3-dimensional ozone distribution during high tropospheric ozone period. <i>Environmental Pollution</i> , 2018, 232, 55-64.	3.7	25
17	Tropospheric Ozone Variability Over Hong Kong Based on Recent 20 Years (2000-2019) Ozone Sonde Observation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033054.	1.2	25
18	Photochemistry of ozone pollution in autumn in Pearl River Estuary, South China. <i>Science of the Total Environment</i> , 2021, 754, 141812.	3.9	22

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19	Chemical Composition of PM _{2.5} and its Impact on Visibility in Guangzhou, Southern China. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2349-2361.	0.9	21
20	New insight into the spatiotemporal variability and source apportionments of C ₁ -C ₄ alkyl nitrates in Hong Kong. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8141-8156.	1.9	20
21	Source Contributions to PM _{2.5} under Unfavorable Weather Conditions in Guangzhou City, China. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 1145-1159.	1.9	20
22	Carbonyl compounds in the atmosphere: A review of abundance, source and their contributions to O ₃ and SOA formation. <i>Atmospheric Research</i> , 2022, 274, 106184.	1.8	19
23	Sources of methacrolein and methyl vinyl ketone and their contributions to methylglyoxal and formaldehyde at a receptor site in Pearl River Delta. <i>Journal of Environmental Sciences</i> , 2019, 79, 1-10.	3.2	16
24	Photochemical evolution of continental air masses and their influence on ozone formation over the South China Sea. <i>Science of the Total Environment</i> , 2019, 673, 424-434.	3.9	16
25	Photochemical Formation of C ₁ -C ₅ Alkyl Nitrates in Suburban Hong Kong and over the South China Sea. <i>Environmental Science & Technology</i> , 2018, 52, 5581-5589.	4.6	13
26	PAN-Precursor Relationship and Process Analysis of PAN Variations in the Pearl River Delta Region. <i>Atmosphere</i> , 2018, 9, 372.	1.0	13
27	Roles of Semivolatile/Intermediate-Volatility Organic Compounds on SOA Formation Over China During a Pollution Episode: Sensitivity Analysis and Implications for Future Studies. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033999.	1.2	12
28	Roles of semivolatile and intermediate-volatility organic compounds in secondary organic aerosol formation and its implication: A review. <i>Journal of Environmental Sciences</i> , 2022, 114, 259-285.	3.2	12
29	Seasonal variations of C ₁ -C ₄ alkyl nitrates at a coastal site in Hong Kong: Influence of photochemical formation and oceanic emissions. <i>Chemosphere</i> , 2018, 194, 275-284.	4.2	11
30	Assessment of atmospheric photochemical reactivity in the Yangtze River Delta using a photochemical box model. <i>Atmospheric Research</i> , 2020, 245, 105088.	1.8	9
31	Characterizing the Gas-phase Organochlorine Pesticides in the Atmosphere over the Pearl River Delta Region. <i>Aerosol and Air Quality Research</i> , 2011, 11, 237-246.	0.9	9
32	The toxic effects of indoor atmospheric fine particulate matter collected from allergic and non-allergic families in Wuhan on mouse peritoneal macrophages. <i>Journal of Applied Toxicology</i> , 2016, 36, 596-608.	1.4	8
33	Long-term variations of C ₁ -C ₅ alkyl nitrates and their sources in Hong Kong. <i>Environmental Pollution</i> , 2021, 270, 116285.	3.7	1