

Ying Li

List of Publications by Year in descending order

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39
papers

1,731
citations

377584

21
h-index

355658

38
g-index

48
all docs

48
docs citations

48
times ranked

2373
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of additional HONO sources on O ₃ and PM _{2.5} ; chemical coupling and control strategies in the Beijing-Tianjin-Hebei region of China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 23930.	0.8	17
2	Secondary organic aerosol formation from gasoline and diesel vehicle exhaust under light and dark conditions. <i>Environmental Science Atmospheres</i> , 2022, 2, 46-64.	0.9	5
3	Emerging investigator series: chemical and physical properties of organic mixtures on indoor surfaces during HOMEChem. <i>Environmental Sciences: Processes and Impacts</i> , 2021, 23, 559-568.	1.7	12
4	Organic aerosol volatility and viscosity in the North China Plain: contrast between summer and winter. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 5463-5476.	1.9	22
5	Estimation of secondary organic aerosol viscosity from explicit modeling of gas-phase oxidation of isoprene and α -pinene. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10199-10213.	1.9	10
6	Diurnal and Seasonal Variations in the Phase State of Secondary Organic Aerosol Material over the Contiguous US Simulated in CMAQ. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 1971-1982.	1.2	12
7	Increase of nitrooxy organosulfates in firework-related urban aerosols during Chinese New Year's Eve. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11453-11465.	1.9	14
8	Toward closure between predicted and observed particle viscosity over a wide range of temperatures and relative humidity. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1127-1141.	1.9	12
9	Humidity-Dependent Viscosity of Secondary Organic Aerosol from Ozonolysis of β -Caryophyllene: Measurements, Predictions, and Implications. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 305-318.	1.2	32
10	Viscosity and liquid-liquid phase separation in healthy and stressed plant SOA. <i>Environmental Science Atmospheres</i> , 2021, 1, 140-153.	0.9	14
11	Global Distribution of the Phase State and Mixing Times within Secondary Organic Aerosol Particles in the Troposphere Based on Room-Temperature Viscosity Measurements. <i>ACS Earth and Space Chemistry</i> , 2021, 5, 3458-3473.	1.2	14
12	Source apportionment of secondary organic aerosols in the Pearl River Delta region: Contribution from the oxidation of semi-volatile and intermediate volatility primary organic aerosols. <i>Atmospheric Environment</i> , 2020, 222, 117111.	1.9	17
13	Indoor aerosol water content and phase state in U.S. residences: impacts of relative humidity, aerosol mass and composition, and mechanical system operation. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 2031-2057.	1.7	20
14	Increase of High Molecular Weight Organosulfate With Intensifying Urban Air Pollution in the Megacity Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD032200.	1.2	30
15	Predictions of the glass transition temperature and viscosity of organic aerosols from volatility distributions. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8103-8122.	1.9	47
16	Predictions of diffusion rates of large organic molecules in secondary organic aerosols using the Stokes-Einstein and fractional Stokes-Einstein relations. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10073-10085.	1.9	35
17	Summertime aerosol volatility measurements in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10205-10216.	1.9	45
18	Timescales of secondary organic aerosols to reach equilibrium at various temperatures and relative humidities. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5959-5971.	1.9	53

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19	Liquid-liquid phase separation and viscosity within secondary organic aerosol generated from diesel fuel vapors. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12515-12529.	1.9	27
20	Molecular Corridors, Volatility and Particle Phase State in Secondary Organic Aerosols. <i>ACS Symposium Series</i> , 2018, , 209-244.	0.5	2
21	Predicting the glass transition temperature and viscosity of secondary organic material using molecular composition. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6331-6351.	1.9	116
22	Aqueous Photochemistry of Secondary Organic Aerosol of α -Pinene and α -Humulene Oxidized with Ozone, Hydroxyl Radical, and Nitrate Radical. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1298-1309.	1.1	51
23	Global distribution of particle phase state in atmospheric secondary organic aerosols. <i>Nature Communications</i> , 2017, 8, 15002.	5.8	295
24	Investigating the evolution of summertime secondary atmospheric pollutants in urban Beijing. <i>Science of the Total Environment</i> , 2016, 572, 289-300.	3.9	28
25	Molecular Characterization of Brown Carbon in Biomass Burning Aerosol Particles. <i>Environmental Science & Technology</i> , 2016, 50, 11815-11824.	4.6	237
26	Molecular corridors and parameterizations of volatility in the chemical evolution of organic aerosols. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3327-3344.	1.9	170
27	Local and distant source contributions to secondary organic aerosol in the Beijing urban area in summer. <i>Atmospheric Environment</i> , 2016, 124, 176-185.	1.9	37
28	Impacts of Additional HONO Sources on Concentrations and Deposition of NO_x in the Beijing-Tianjin-Hebei Region of China. <i>Scientific Online Letters on the Atmosphere</i> , 2015, 11, 36-42.	0.6	6
29	Impacts of an unknown daytime HONO source on the mixing ratio and budget of HONO, and hydroxyl, hydroperoxyl, and organic peroxy radicals, in the coastal regions of China. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9381-9398.	1.9	46
30	A review on ice fog measurements and modeling. <i>Atmospheric Research</i> , 2015, 151, 2-19.	1.8	68
31	Impacts of uncertainty in AVOC emissions on the summer ROx budget and ozone production rate in the three most rapidly-developing economic growth regions of China. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1331-1342.	1.9	21
32	Effects of additional HONO sources on visibility over the North China Plain. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 1221-1232.	1.9	13
33	Effects of NO_x and VOCs from five emission sources on summer surface O_3 over the Beijing-Tianjin-Hebei region. <i>Advances in Atmospheric Sciences</i> , 2014, 31, 787-800.	1.9	30
34	Uncertainty in the uptake coefficient for HONO formation on soot and its impacts on concentrations of major chemical components in the Beijing-Tianjin-Hebei region. <i>Atmospheric Environment</i> , 2014, 84, 163-171.	1.9	15
35	Validation of the Institute of Atmospheric Physics emergency response model with the meteorological towers measurements and SF6 diffusion and pool fire experiments. <i>Atmospheric Environment</i> , 2013, 81, 60-67.	1.9	5
36	Enhancements of major aerosol components due to additional HONO sources in the North China Plain and implications for visibility and haze. <i>Advances in Atmospheric Sciences</i> , 2013, 30, 57-66.	1.9	57

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37	Impacts of HONO sources on the air quality in Beijing, Tianjin and Hebei Province of China. Atmospheric Environment, 2011, 45, 4735-4744.	1.9	63
38	Midlatitude cirrus cloud radiative forcing over China. Journal of Geophysical Research, 2010, 115, .	3.3	25
39	Impacts of Photoexcited NO ₂ Chemistry and Heterogeneous Reactions on Concentrations of O ₃ and NO _y in Beijing, Tianjin and Hebei Province of China. , 0, , .		5