

# Qingyang Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,209  
citations

411340

20  
h-index

425179

34  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1857  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Indoor Air Filter on Reductions in PM2.5 Associated Health Risks of Respiratory Function in Mouse. <i>Atmosphere</i> , 2022, 13, 1005.	1.0	1
2	Cell cycle arrest of human bronchial epithelial cells modulated by differences in chemical components of particulate matter. <i>RSC Advances</i> , 2021, 11, 10582-10591.	1.7	10
3	Study on chemical components and sources of PM2.5 during heavy air pollution periods at a suburban site in Beijing of China. <i>Atmospheric Pollution Research</i> , 2021, 12, 188-199.	1.8	27
4	Increases in the formation of water soluble organic nitrogen during Asian dust storm episodes. <i>Atmospheric Research</i> , 2021, 253, 105486.	1.8	9
5	Estimations of ambient fine particle and ozone level at a suburban site of Beijing in winter. <i>Environmental Research Communications</i> , 2021, 3, 081008.	0.9	4
6	Airborne Microplastics from Waste as a Transmission Vector for COVID-19. <i>Aerosol and Air Quality Research</i> , 2021, 21, 200439.	0.9	20
7	Oxidative potential of ambient PM2.5 in Wuhan and its comparisons with eight areas of China. <i>Science of the Total Environment</i> , 2020, 701, 134844.	3.9	40
8	Assessment of source contributions to organic carbon in ambient fine particle using receptor model with inorganic and organic source tracers at an urban site of Beijing. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	2
9	Source Apportionment of Fine-Particle, Water-Soluble Organic Nitrogen and Its Association with the Inflammatory Potential of Lung Epithelial Cells. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9845-9854.	4.6	36
10	Occurrence, source, and risk assessment of atmospheric parent polycyclic aromatic hydrocarbons in the coastal cities of the Bohai and Yellow Seas, China. <i>Environmental Pollution</i> , 2019, 254, 113046.	3.7	47
11	Differences in carbonaceous aerosol of fine particles between haze and non-haze days, Beijing. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019, 349, 012003.	0.2	0
12	A global perspective on national climate mitigation priorities in the context of air pollution and sustainable development. <i>City and Environment Interactions</i> , 2019, 1, 100003.	1.8	22
13	Effects of Expansive Agents on the Early Hydration Kinetics of Cementitious Binders. <i>Materials</i> , 2019, 12, 1900.	1.3	11
14	A hybrid source apportionment strategy using positive matrix factorization (PMF) and molecular marker chemical mass balance (MM-CMB) models. <i>Environmental Pollution</i> , 2018, 238, 39-51.	3.7	51
15	Oxidative potential of ambient PM2.5 in the coastal cities of the Bohai Sea, northern China: Seasonal variation and source apportionment. <i>Environmental Pollution</i> , 2018, 236, 514-528.	3.7	111
16	Impacts of Different Functional Groups on the Kinetic Rates of $\beta$ -Amine Ketoximesilanes Hydrolysis in the Preparation of Room Temperature Vulcanized Silicone Rubber. <i>Materials</i> , 2018, 11, 790.	1.3	4
17	Temporal variations of black carbon during haze and non-haze days in Beijing. <i>Scientific Reports</i> , 2016, 6, 33331.	1.6	38
18	Impacts of crystal metal on secondary aliphatic amine aerosol formation during dust storm episodes in Beijing. <i>Atmospheric Environment</i> , 2016, 128, 227-234.	1.9	13

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19	Preparation and characterization of room temperature vulcanized silicone rubber using $\hat{\text{I}}\pm$ -amine ketoximesilanes as auto-catalyzed cross-linkers. RSC Advances, 2016, 6, 38447-38453.	1.7	26
20	Source apportionment of Beijing air pollution during a severe winter haze event and associated pro-inflammatory responses in lung epithelial cells. Atmospheric Environment, 2016, 126, 28-35.	1.9	88
21	Seasonal Trends of Polycyclic Aromatic Hydrocarbons in Particulate Matter at an Urban Site in Beijing, China. Journal of Geoscience and Environment Protection, 2015, 03, 10-16.	0.2	4
22	Source Apportionment of Personal Exposure to Carbonyl Compounds and BTEX at Homes in Beijing, China. Aerosol and Air Quality Research, 2014, 14, 330-337.	0.9	29
23	Oxidative Potential and Inflammatory Impacts of Source Apportioned Ambient Air Pollution in Beijing. Environmental Science & Technology, 2014, 48, 12920-12929.	4.6	157
24	Chemical characteristics and source apportionment of PM10 during Asian dust storm and non-dust storm days in Beijing. Atmospheric Environment, 2014, 91, 85-94.	1.9	94
25	Characterization of springtime airborne particulate matter-bound reactive oxygen species in Beijing. Environmental Science and Pollution Research, 2014, 21, 9325-9333.	2.7	22
26	Reaction mechanisms for dithiothreitol as a measure of particulate matter induced oxidative potential activity by density functional theory. Korean Journal of Chemical Engineering, 2014, 31, 1115-1119.	1.2	3
27	Personal exposure and source characteristics of carbonyl compounds and BTEXs within homes in Beijing, China. Building and Environment, 2013, 61, 210-216.	3.0	52
28	Surface-initiated atom transfer radical polymerization of polyamine grafting from magnetic iron oxide submicroparticles for high adsorption capacity of cadmium in aqueous solution. Journal of Colloid and Interface Science, 2013, 394, 646-651.	5.0	20
29	Effects of Lewis Acids on the Thermal Rearrangements of Chloromethylsilane: A Density Functional Theory Study. Silicon, 2013, 5, 263-269.	1.8	2
30	Theoretical study of the thermal rearrangement of chloromethylsilanes, and its mechanism. Research on Chemical Intermediates, 2012, 38, 2491-2500.	1.3	3
31	A DFT study on the thermal decomposition of 2-chloroethylsilane. Structural Chemistry, 2012, 23, 1533-1538.	1.0	3
32	Mercury and Cadmium Contamination in Traffic Soil of Beijing, China. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 154-157.	1.3	39
33	Polycyclic aromatic hydrocarbons in traffic soil and <i>Pinus</i> needles of Beijing, China. Chemical Speciation and Bioavailability, 2011, 23, 243-248.	2.0	6
34	Determination of dimethylsulfide and dimethylselenide in human urine by portable gas chromatography-photoionization detection with headspace sampling. Microchemical Journal, 2011, 99, 352-355.	2.3	2
35	3-aminopropyltriethoxysilane functionalized nanoscale zero-valent iron for the removal of dyes from aqueous solution. Polish Journal of Chemical Technology, 2011, 13, 35-39.	0.3	6
36	Concentration, sources and toxic potential exposure of formaldehyde and BTEX in residential areas at XiCheng district, Beijing., 2011, .		0

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37	Silylene Reaction with Acetylene: Elucidating the Mechanism by Theoretical Identification of a New Intermediate. <i>Progress in Reaction Kinetics and Mechanism</i> , 2011, 36, 323-328.	1.1	0
38	Determination of inorganic selenium species in commercial wine collected from the Beijing region, China. <i>Chemical Speciation and Bioavailability</i> , 2010, 22, 81-85.	2.0	2
39	Determination of ultra-trace amounts of inorganic selenium species in natural water by ion chromatography-inductively coupled plasma-mass spectrometry coupled with nano-Al <sub>2</sub> O <sub>3</sub> solid phase extraction. <i>Open Chemistry</i> , 2010, 8, 326-330.	1.0	8
40	Ionic liquid for single-drop microextraction followed by high-performance liquid chromatography-ultraviolet detection to determine carbonyl compounds in environmental waters. <i>Journal of Separation Science</i> , 2010, 33, 2376-2382.	1.3	32
41	Direct determination of mercury in white vinegar by matrix assisted photochemical vapor generation atomic fluorescence spectrometry detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2010, 65, 587-590.	1.5	33
42	Determination of mercury and methylmercury in seafood by ion chromatography using photo-induced chemical vapor generation atomic fluorescence spectrometric detection. <i>Microchemical Journal</i> , 2010, 95, 255-258.	2.3	60
43	Thermodynamics and Dynamic Kinetics of the Oxidation of Selenomethionine to Methionine Selenoxide: A Dft Study. <i>Progress in Reaction Kinetics and Mechanism</i> , 2010, 35, 417-422.	1.1	4
44	On line pre-reduction of Se(VI) by nano-TiO <sub>2</sub> controlled volatilization for speciation analysis of inorganic selenium using HPLC-AFS. <i>Mikrochimica Acta</i> , 2009, 167, 141-145.	2.5	20
45	Removal of lead(II) from aqueous solution with amino-functionalized nanoscale zero-valent iron. <i>Open Chemistry</i> , 2009, 7, 79-82.	1.0	19
46	Mechanic properties and thermal degradation kinetics of terpolymer poly(propylene cyclohexene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	21
47	Local-acting Air Pollutant Emissions from Road Vehicles. <i>Issues in Environmental Science and Technology</i> , 0, , 46-85.	0.4	1
48	Sources of Aerosol Acidity at a Suburban Site of Nanjing and Their Associations with Chlorophyll Depletion. <i>ACS Earth and Space Chemistry</i> , 0, , .	1.2	4
49	Estimation of aerosol acidity at a suburban site of Nanjing using machine learning method. <i>Journal of Atmospheric Chemistry</i> , 0, , 1.	1.4	1
50	Unexpected increase of PAH toxicity in ambient particulate matter under the implementation of clean air action: evidence from two megacities in northern China. <i>Air Quality, Atmosphere and Health</i> , 0, , 1.	1.5	2
51	Effect of refloated soil dust on oxidative stress and apoptosis in rat lung. , 0, 2, 104-111.		0