

# Guangcai Zhong

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

773  
citations

471371

17  
h-index

526166

27  
g-index

33  
all docs

33  
docs citations

33  
times ranked

968  
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence and fate of organophosphate ester flame retardants and plasticizers in indoor air and dust of Nepal: Implication for human exposure. <i>Environmental Pollution</i> , 2017, 229, 668-678.	3.7	108
2	Perfluoroalkyl and polyfluoroalkyl substances in the lower atmosphere and surface waters of the Chinese Bohai Sea, Yellow Sea, and Yangtze River estuary. <i>Science of the Total Environment</i> , 2017, 599-600, 114-123.	3.9	61
3	Sources, compositions, and optical properties of humic-like substances in Beijing during the 2014 APEC summit: Results from dual carbon isotope and Fourier-transform ion cyclotron resonance mass spectrometry analyses. <i>Environmental Pollution</i> , 2018, 239, 322-331.	3.7	47
4	Spatial distribution and seasonal variation of four current-use pesticides (CUPs) in air and surface water of the Bohai Sea, China. <i>Science of the Total Environment</i> , 2018, 621, 516-523.	3.9	45
5	The influence of solvent and pH on determination of the light absorption properties of water-soluble brown carbon. <i>Atmospheric Environment</i> , 2017, 161, 90-98.	1.9	44
6	Polycyclic aromatic hydrocarbons (PAHs) in Chinese forest soils: profile composition, spatial variations and source apportionment. <i>Scientific Reports</i> , 2017, 7, 2692.	1.6	37
7	Fates and ecological effects of current-use pesticides (CUPs) in a typical river-estuarine system of Laizhou Bay, North China. <i>Environmental Pollution</i> , 2019, 252, 573-579.	3.7	34
8	High Abundance of Unintentionally Produced Tetrachlorobiphenyls (PCB47/48/75, 51, and 68) in the Atmosphere at a Regional Background Site in East China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 3464-3470.	4.6	34
9	Contribution of Biomass Burning to Ambient Particulate Polycyclic Aromatic Hydrocarbons at a Regional Background Site in East China. <i>Environmental Science and Technology Letters</i> , 2018, 5, 56-61.	3.9	29
10	Source apportionment of water-soluble brown carbon in aerosols over the northern South China Sea: Influence from land outflow, SOA formation and marine emission. <i>Atmospheric Environment</i> , 2020, 229, 117484.	1.9	25
11	Monitoring Consumption of Common Illicit Drugs in Kuala Lumpur, Malaysia, by Wastewater-Cased Epidemiology. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 889.	1.2	25
12	Experimental Study on the Role of Sedimentation and Degradation Processes on Atmospheric Deposition of Persistent Organic Pollutants in a Subtropical Water Column. <i>Environmental Science &amp; Technology</i> , 2017, 51, 4424-4433.	4.6	24
13	Probing Legacy and Alternative Flame Retardants in the Air of Chinese Cities. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9450-9459.	4.6	23
14	Measurement report: Long-emission-wavelength chromophores dominate the light absorption of brown carbon in aerosols over Bangkok: impact from biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11337-11352.	1.9	22
15	Levels and enantiomeric signatures of organochlorine pesticides in Chinese forest soils: Implications for sources and environmental behavior. <i>Environmental Pollution</i> , 2020, 262, 114139.	3.7	21
16	DDT, Chlordane, and Hexachlorobenzene in the Air of the Pearl River Delta Revisited: A Tale of Source, History, and Monsoon. <i>Environmental Science &amp; Technology</i> , 2021, 55, 9740-9749.	4.6	21
17	Sources of non-fossil-fuel emissions in carbonaceous aerosols during early winter in Chinese cities. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11491-11502.	1.9	20
18	Dual Carbon Isotope-Based Source Apportionment and Light Absorption Properties of Water-Soluble Organic Carbon in PM <sub>2.5</sub> Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033920.	1.2	19

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19	Molecular marker study of aerosols in the northern South China Sea: Impact of atmospheric outflow from the Indo-China Peninsula and South China. <i>Atmospheric Environment</i> , 2019, 206, 225-236.	1.9	18
20	Distribution of black carbon and PAHs in sediments of Peninsular Malaysia. <i>Marine Pollution Bulletin</i> , 2021, 172, 112871.	2.3	15
21	Isotope constraints of the strong influence of biomass burning to climate-forcing Black Carbon aerosols over Southeast Asia. <i>Science of the Total Environment</i> , 2020, 744, 140359.	3.9	14
22	Determining the Sources and Transport of Brown Carbon Using Radionuclide Tracers and Modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034616.	1.2	13
23	Using Polyurethane Foam-Based Passive Air Sampling Technique to Monitor Monosaccharides at a Regional Scale. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12546-12555.	4.6	12
24	Benzene polycarboxylic acid characterisation of polyaromatics in ambient aerosol: Method development. <i>Atmospheric Environment</i> , 2019, 211, 55-62.	1.9	12
25	Characterization of airborne PAHs and metals associated with PM10 fractions collected from an urban area of Sri Lanka and the impact on airway epithelial cells.. <i>Chemosphere</i> , 2022, 286, 131741.	4.2	10
26	Polycyclic Aromatic Carbon: A Key Fraction Determining the Light Absorption Properties of Methanol-Soluble Brown Carbon of Open Biomass Burning Aerosols. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15724-15733.	4.6	10
27	Year-Round Measurements of Dissolved Black Carbon in Coastal Southeast Asia Aerosols: Rethinking Its Atmospheric Deposition in the Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034590.	1.2	9
28	The Sources, Molecular Compositions, and Light Absorption Properties of Water-Soluble Organic Carbon in Marine Aerosols From South China Sea to the Eastern Indian Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	8
29	Polychlorinated naphthalenes in the air over the equatorial Indian Ocean: Occurrence, potential sources, and toxicity. <i>Marine Pollution Bulletin</i> , 2016, 107, 240-244.	2.3	7
30	Use of molecular markers and compound-specific isotopic signatures to trace sources of black carbon in surface sediments of Peninsular Malaysia: Impacts of anthropogenic activities. <i>Marine Chemistry</i> , 2021, 237, 104032.	0.9	4
31	Oxidative potential of solvent-extractable organic matter of ambient total suspended particulate in Bangkok, Thailand. <i>Environmental Sciences: Processes and Impacts</i> , 2022, 24, 400-413.	1.7	0