

# Chunlin Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2277805/publications.pdf>

Version: 2024-02-01

21  
papers

1,414  
citations

687363

13  
h-index

713466

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2110  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of biomass burning: Emissions and impacts on air quality, health and climate in China. <i>Science of the Total Environment</i> , 2017, 579, 1000-1034.	8.0	815
2	Formation of Secondary Brown Carbon in Biomass Burning Aerosol Proxies through NO <sub>3</sub> Radical Reactions. <i>Environmental Science &amp; Technology</i> , 2020, 54, 1395-1405.	10.0	96
3	Dynamic changes in optical and chemical properties of tar ball aerosols by atmospheric photochemical aging. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 139-163.	4.9	81
4	Characteristics and chemical compositions of particulate matter collected at the selected metro stations of Shanghai, China. <i>Science of the Total Environment</i> , 2014, 496, 443-452.	8.0	64
5	Chemical Composition and Molecular-Specific Optical Properties of Atmospheric Brown Carbon Associated with Biomass Burning. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2511-2521.	10.0	58
6	Multi-pollutant emissions from the burning of major agricultural residues in China and the related health-economic effects. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 4957-4988.	4.9	50
7	Mechanisms of lung toxicity induced by biomass burning aerosols. <i>Particle and Fibre Toxicology</i> , 2020, 17, 4.	6.2	39
8	Optical Properties of Secondary Organic Aerosol Produced by Nitrate Radical Oxidation of Biogenic Volatile Organic Compounds. <i>Environmental Science &amp; Technology</i> , 2021, 55, 2878-2889.	10.0	35
9	Laboratory Insights into the Diel Cycle of Optical and Chemical Transformations of Biomass Burning Brown Carbon Aerosols. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11827-11837.	10.0	28
10	Molecular Analysis of Secondary Brown Carbon Produced from the Photooxidation of Naphthalene. <i>Environmental Science &amp; Technology</i> , 2022, 56, 3340-3353.	10.0	22
11	Spatially Shaped Laser Pulses for the Simultaneous Detection of Polycyclic Aromatic Hydrocarbons as well as Positive and Negative Inorganic Ions in Single Particle Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 10282-10288.	6.5	21
12	Optical Properties of Secondary Organic Aerosol Produced by Photooxidation of Naphthalene under NO <sub>x</sub> Condition. <i>Environmental Science &amp; Technology</i> , 2022, 56, 4816-4827.	10.0	20
13	Toxicity of Water- and Organic-Soluble Wood Tar Fractions from Biomass Burning in Lung Epithelial Cells. <i>Chemical Research in Toxicology</i> , 2021, 34, 1588-1603.	3.3	17
14	Physiochemical characteristics of aerosol particles collected from the Jokhang Temple indoors and the implication to human exposure. <i>Environmental Pollution</i> , 2018, 236, 992-1003.	7.5	13
15	pH modifies the oxidative potential and peroxide content of biomass burning HULIS under dark aging. <i>Science of the Total Environment</i> , 2022, 834, 155365.	8.0	13
16	Physiochemical characteristics of aerosol particles in the typical microenvironment of hospital in Shanghai, China. <i>Science of the Total Environment</i> , 2017, 580, 651-659.	8.0	11
17	Secondary organic aerosols produced from photochemical oxidation of secondarily evaporated biomass burning organic gases: Chemical composition, toxicity, optical properties, and climate effect. <i>Environment International</i> , 2021, 157, 106801.	10.0	11
18	Gelatin Stabilizes Nebulized Proteins in Pulmonary Drug Delivery against COVID-19. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2553-2563.	5.2	9

#	ARTICLE	IF	CITATIONS
19	Correcting micro-aethalometer absorption measurements for brown carbon aerosol. Science of the Total Environment, 2021, 777, 146143.	8.0	7
20	The Toxic Effect of Water-Soluble Particulate Pollutants from Biomass Burning on Alveolar Lung Cells. Atmosphere, 2021, 12, 1023.	2.3	3
21	Chemical composition and morphological analysis of atmospheric particles from an intensive bonfire burning festival. Environmental Science Atmospheres, 2022, 2, 616-633.	2.4	1