

# Cong Liu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8230785/publications.pdf>

Version: 2024-02-01

29  
papers

1,890  
citations

471509

17  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2604  
citing authors

#	ARTICLE	IF	CITATIONS
1	Introduction to Particles in Indoor Air. , 2022, , 1-13.		1
2	Seasonal and diurnal patterns of outdoor formaldehyde and impacts on indoor environments and health. Environmental Research, 2022, 205, 112550.	7.5	17
3	A new PM <sub>2.5</sub> -based PM-up method to measure non-mechanical ventilation rate in buildings. Journal of Building Engineering, 2022, 52, 104351.	3.4	2
4	Emission characteristics of formaldehyde from natural gas combustion and effects of hood exhaust in Chinese kitchens. Science of the Total Environment, 2022, 838, 156614.	8.0	9
5	Effect of particulate iron on tracking indoor PM <sub>2.5</sub> of outdoor origin: A case study in Nanjing, China. Indoor and Built Environment, 2021, 30, 711-723.	2.8	8
6	A new PM <sub>2.5</sub> -based CADR method to measure air infiltration rate of buildings. Building Simulation, 2021, 14, 693-700.	5.6	8
7	Comparison of indoor and outdoor oxidative potential of PM <sub>2.5</sub> : pollution levels, temporal patterns, and key constituents. Environment International, 2021, 155, 106684.	10.0	22
8	Outdoor benzene highly impacts indoor concentrations globally. Science of the Total Environment, 2020, 720, 137640.	8.0	27
9	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. New England Journal of Medicine, 2019, 381, 705-715.	27.0	978
10	Evaluation of a steady-state method to estimate indoor PM <sub>2.5</sub> concentration of outdoor origin. Building and Environment, 2019, 161, 106243.	6.9	17
11	Outdoor formaldehyde matters and substantially impacts indoor formaldehyde concentrations. Building and Environment, 2019, 158, 145-150.	6.9	40
12	Redistribution of PM <sub>2.5</sub> -associated nitrate and ammonium during outdoor-to-indoor transport. Indoor Air, 2019, 29, 460-468.	4.3	19
13	Relations between indoor and outdoor PM <sub>2.5</sub> and constituent concentrations. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	34
14	Particle/Gas Partitioning of Phthalates to Organic and Inorganic Airborne Particles in the Indoor Environment. Environmental Science & Technology, 2018, 52, 3583-3590.	10.0	42
15	Influence of natural ventilation rate on indoor PM <sub>2.5</sub> deposition. Building and Environment, 2018, 144, 357-364.	6.9	62
16	Potential role of intraparticle diffusion in dynamic partitioning of secondary organic aerosols. Atmospheric Pollution Research, 2018, 9, 1131-1136.	3.8	8
17	Linked Response of Aerosol Acidity and Ammonia to SO <sub>2</sub> and NO <sub>x</sub> Emissions Reductions in the United States. Environmental Science & Technology, 2018, 52, 9861-9873.	10.0	38
18	Exposure to SVOCs from Inhaled Particles: Impact of Desorption. Environmental Science & Technology, 2017, 51, 6220-6228.	10.0	28

#	ARTICLE	IF	CITATIONS
19	Air quality modeling for accountability research: Operational, dynamic, and diagnostic evaluation. <i>Atmospheric Environment</i> , 2017, 166, 551-565.	4.1	27
20	Influence of airborne particles on convective mass transfer of SVOCs on flat surfaces: Novel insight and estimation formula. <i>International Journal of Heat and Mass Transfer</i> , 2017, 115, 127-136.	4.8	16
21	Responses in Ozone and Its Production Efficiency Attributable to Recent and Future Emissions Changes in the Eastern United States. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13797-13805.	10.0	16
22	Evaluating the effectiveness of air quality regulations: A review of accountability studies and frameworks. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 144-172.	1.9	62
23	Simplifying analysis of sorption of SVOCs to particles: Lumped parameter method and application condition. <i>International Journal of Heat and Mass Transfer</i> , 2016, 99, 402-408.	4.8	12
24	Digital image correlation measurement of the bond-slip relationship between fiber-reinforced polymer sheets and concrete substrate. <i>Journal of Reinforced Plastics and Composites</i> , 2014, 33, 1590-1603.	3.1	26
25	The impact of mass transfer limitations on size distributions of particle associated SVOCs in outdoor and indoor environments. <i>Science of the Total Environment</i> , 2014, 497-498, 401-411.	8.0	40
26	Analysis of the Dynamic Interaction Between SVOCs and Airborne Particles. <i>Aerosol Science and Technology</i> , 2013, 47, 125-136.	3.1	134
27	A general analytical model for formaldehyde and VOC emission/sorption in single-layer building materials and its application in determining the characteristic parameters. <i>Atmospheric Environment</i> , 2012, 47, 288-294.	4.1	50
28	Role of aerosols in enhancing SVOC flux between air and indoor surfaces and its influence on exposure. <i>Atmospheric Environment</i> , 2012, 55, 347-356.	4.1	93
29	The influence of aerosol dynamics on indoor exposure to airborne DEHP. <i>Atmospheric Environment</i> , 2010, 44, 1952-1959.	4.1	54