Cong Liu

List of Publications by Year
in descending order

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

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29	1,890	471509 17	501196 28
papers	citations	h-index	g-index

29	29	29	2604
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ambient Particulate Air Pollution and Daily Mortality in 652 Cities. New England Journal of Medicine, 2019, 381, 705-715.	27.0	978
2	Analysis of the Dynamic Interaction Between SVOCs and Airborne Particles. Aerosol Science and Technology, 2013, 47, 125-136.	3.1	134
3	Role of aerosols in enhancing SVOC flux between air and indoor surfaces and its influence on exposure. Atmospheric Environment, 2012, 55, 347-356.	4.1	93
4	Evaluating the effectiveness of air quality regulations: A review of accountability studies and frameworks. Journal of the Air and Waste Management Association, 2017, 67, 144-172.	1.9	62
5	Influence of natural ventilation rate on indoor PM2.5 deposition. Building and Environment, 2018, 144, 357-364.	6.9	62
6	The influence of aerosol dynamics on indoor exposure to airborne DEHP. Atmospheric Environment, 2010, 44, 1952-1959.	4.1	54
7	A general analytical model for formaldehyde and VOC emission/sorption in single-layer building materials and its application in determining the characteristic parameters. Atmospheric Environment, 2012, 47, 288-294.	4.1	50
8	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
9	The impact of mass transfer limitations on size distributions of particle associated SVOCs in outdoor and indoor environments. Science of the Total Environment, 2014, 497-498, 401-411.	8.0	40
10	Outdoor formaldehyde matters and substantially impacts indoor formaldehyde concentrations. Building and Environment, 2019, 158, 145-150.	6.9	40
11	Linked Response of Aerosol Acidity and Ammonia to SO₂ and NO_x Emissions Reductions in the United States. Environmental Science & Technology, 2018, 52, 9861-9873.	10.0	38
12	Relations between indoor and outdoor PM2.5 and constituent concentrations. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	6.0	34
13	Exposure to SVOCs from Inhaled Particles: Impact of Desorption. Environmental Science & Technology, 2017, 51, 6220-6228.	10.0	28
14	Air quality modeling for accountability research: Operational, dynamic, and diagnostic evaluation. Atmospheric Environment, 2017, 166, 551-565.	4.1	27
15	Outdoor benzene highly impacts indoor concentrations globally. Science of the Total Environment, 2020, 720, 137640.	8.0	27
16	Digital image correlation measurement of the bondâ€“slip relationship between fiber-reinforced polymer sheets and concrete substrate. Journal of Reinforced Plastics and Composites, 2014, 33, 1590-1603.	3.1	26
17	Comparison of indoor and outdoor oxidative potential of PM2.5: pollution levels, temporal patterns, and key constituents. Environment International, 2021, 155, 106684.	10.0	22
18	Redistribution of PM_{2.5}â€associated nitrate and ammonium during outdoorâ€toâ€indoor transport. Indoor Air, 2019, 29, 460-468.	4.3	19

#	Article	IF	Citations
19	Evaluation of a steady-state method to estimate indoor PM2.5 concentration of outdoor origin. Building and Environment, 2019, 161, 106243.	6.9	17
20	Seasonal and diurnal patterns of outdoor formaldehyde and impacts on indoor environments and health. Environmental Research, 2022, 205, 112550.	7.5	17
21	Influence of airborne particles on convective mass transfer of SVOCs on flat surfaces: Novel insight and estimation formula. International Journal of Heat and Mass Transfer, 2017, 115, 127-136.	4.8	16
22	Responses in Ozone and Its Production Efficiency Attributable to Recent and Future Emissions Changes in the Eastern United States. Environmental Science & Technology, 2017, 51, 13797-13805.	10.0	16
23	Simplifying analysis of sorption of SVOCs to particles: Lumped parameter method and application condition. International Journal of Heat and Mass Transfer, 2016, 99, 402-408.	4.8	12
24	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
25	Potential role of intraparticle diffusion in dynamic partitioning of secondary organic aerosols. Atmospheric Pollution Research, 2018, 9, 1131-1136.	3.8	8
26	Effect of particulate iron on tracking indoor PM_{2.5} of outdoor origin: A case study in Nanjing, China. Indoor and Built Environment, 2021, 30, 711-723.	2.8	8
27	A new PM2.5-based CADR method to measure air infiltration rate of buildings. Building Simulation, 2021, 14, 693-700.	5.6	8
28	A new PM2.5-based PM-up method to measure non-mechanical ventilation rate in buildings. Journal of Building Engineering, 2022, 52, 104351.	3.4	2
29	Introduction to Particles in Indoor Air. , 2022, , 1-13.		1