

# Shanshan Shi

## List of Publications by Year in descending order

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23  
papers

881  
citations

516710  
16  
h-index

642732  
23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

908  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Dynamic Interaction Between SVOCs and Airborne Particles. <i>Aerosol Science and Technology</i> , 2013, 47, 125-136.	3.1	134
2	Air infiltration rate distributions of residences in Beijing. <i>Building and Environment</i> , 2015, 92, 528-537.	6.9	131
3	Occupants' interactions with windows in 8 residential apartments in Beijing and Nanjing, China. <i>Building Simulation</i> , 2016, 9, 221-231.	5.6	91
4	Modeled Exposure Assessment via Inhalation and Dermal Pathways to Airborne Semivolatile Organic Compounds (SVOCs) in Residences. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5691-5699.	10.0	71
5	Modifications of exposure to ambient particulate matter: Tackling bias in using ambient concentration as surrogate with particle infiltration factor and ambient exposure factor. <i>Environmental Pollution</i> , 2017, 220, 337-347.	7.5	68
6	Comparison of the predicted concentration of outdoor originated indoor polycyclic aromatic hydrocarbons between a kinetic partition model and a linear instantaneous model for gas-particle partition. <i>Atmospheric Environment</i> , 2012, 59, 93-101.	4.1	37
7	The exposure metric choices have significant impact on the association between short-term exposure to outdoor particulate matter and changes in lung function: Findings from a panel study in chronic obstructive pulmonary disease patients. <i>Science of the Total Environment</i> , 2016, 542, 264-270.	8.0	37
8	Equilibrium Relationship between SVOCs in PVC Products and the Air in Contact with the Product. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2918-2925.	10.0	37
9	Estimating indoor semi-volatile organic compounds (SVOCs) associated with settled dust by an integrated kinetic model accounting for aerosol dynamics. <i>Atmospheric Environment</i> , 2015, 107, 52-61.	4.1	34
10	Deposition of Indoor Airborne Particles onto Human Body Surfaces: A Modeling Analysis and Manikin-Based Experimental Study. <i>Aerosol Science and Technology</i> , 2013, 47, 1363-1373.	3.1	33
11	Effects of household features on residential window opening behaviors: A multilevel logistic regression study. <i>Building and Environment</i> , 2020, 170, 106610.	6.9	29
12	Emissions of Phthalates from Indoor Flat Materials in Chinese Residences. <i>Environmental Science &amp; Technology</i> , 2018, 52, 13166-13173.	10.0	24
13	Deposition velocity of fine and ultrafine particles onto manikin surfaces in indoor environment of different facial air speeds. <i>Building and Environment</i> , 2014, 81, 388-395.	6.9	23
14	Time-activity pattern observatory from mobile web logs. <i>International Journal of Embedded Systems</i> , 2015, 7, 71.	0.3	22
15	Effect of residential air cleaning interventions on risk of cancer associated with indoor semi-volatile organic compounds: a comprehensive simulation study. <i>Lancet Planetary Health</i> , The, 2018, 2, e532-e539.	11.4	22
16	Performance of wearable ionization air cleaners: Ozone emission and particle removal. <i>Aerosol Science and Technology</i> , 2016, 50, 211-221.	3.1	19
17	Influence of nanofiber window screens on indoor PM2.5 of outdoor origin and ventilation rate: An experimental and modeling study. <i>Building Simulation</i> , 2020, 13, 873-886.	5.6	15
18	The WHO Air Quality Guidelines 2021 promote great challenge for indoor air. <i>Science of the Total Environment</i> , 2022, 827, 154376.	8.0	15

#	ARTICLE	IF	CITATIONS
19	A numerical investigation on the mixing factor and particle deposition velocity for enclosed spaces under natural ventilation. <i>Building Simulation</i> , 2019, 12, 465-473.	5.6	14
20	Contributions of indoor and outdoor sources to airborne polycyclic aromatic hydrocarbons indoors. <i>Building and Environment</i> , 2018, 131, 154-162.	6.9	11
21	Benefits from disease-burden reduction for type 2 diabetes and obesity through comprehensive regulatory restrictions on phthalate use in China. <i>One Earth</i> , 2022, 5, 380-391.	6.8	9
22	Assessment of Reduction in Indoor PM 2.5 of Outdoor Origin by using Nanofiber Filters as Window Screens. <i>Procedia Engineering</i> , 2017, 205, 2386-2392.	1.2	4
23	Combined Heat, Air, Moisture and Pollutant Simulations (CHAMPS) research for building and urban energy efficiency and environmental quality analysis. <i>Building Simulation</i> , 2021, 14, 237-239.	5.6	1