

# Jianshun Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5678317/publications.pdf>

Version: 2024-02-01

17  
papers

406  
citations

759233

12  
h-index

940533

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a procedure for estimating the parameters of mechanistic VOC emission source models from chamber testing data. <i>Building Simulation</i> , 2021, 14, 269-282.	5.6	18
2	Green Design Studio: A modular-based approach for high-performance building design. <i>Building Simulation</i> , 2021, 14, 241-268.	5.6	8
3	Combining culturing and 16S rDNA sequencing to reveal seasonal and room variations of household airborne bacteria and correlative environmental factors in nanjing, southeast china. <i>Indoor Air</i> , 2021, 31, 1095-1108.	4.3	15
4	A systematic approach to estimating the effectiveness of multi-scale IAQ strategies for reducing the risk of airborne infection of SARS-CoV-2. <i>Building and Environment</i> , 2021, 200, 107926.	6.9	79
5	Airborne transmission of SARS-CoV-2 in indoor environments: A comprehensive review. <i>Science and Technology for the Built Environment</i> , 2021, 27, 1331-1367.	1.7	44
6	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
7	Hydrogen Peroxide Emission and Fate Indoors during Non-bleach Cleaning: A Chamber and Modeling Study. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15643-15651.	10.0	19
8	Electrostatic Precipitators as an Indoor Air Cleaner—A Literature Review. <i>Sustainability</i> , 2020, 12, 8774.	3.2	41
9	Effects of moisture content, temperature and pollutant mixture on atmospheric corrosion of copper and silver and implications for the environmental design of data centers (RP-1755). <i>Science and Technology for the Built Environment</i> , 2020, 26, 567-586.	1.7	5
10	Review and analysis of fuel cell-based, micro-cogeneration for residential applications: Current state and future opportunities. <i>Science and Technology for the Built Environment</i> , 2017, 23, 1224-1243.	1.7	25
11	Life-cycle cost and benefit analysis of utilizing hoods for light-duty cooking appliances in commercial kitchens (RP-1631, part 2). <i>Science and Technology for the Built Environment</i> , 2016, 22, 866-882.	1.7	0
12	EnergyPlus and CHAMPS-Multizone co-simulation for energy and indoor air quality analysis. <i>Building Simulation</i> , 2015, 8, 371-380.	5.6	41
13	Air and air contaminant flows in office cubicles with and without personal ventilation: A CFD modeling and simulation study. <i>Building Simulation</i> , 2015, 8, 381-392.	5.6	25
14	“Virtual Design Studio” Part 1: Interdisciplinary design processes. <i>Building Simulation</i> , 2013, 6, 235-251.	5.6	18
15	“Virtual Design Studio” Part 2: Introduction to overall and software framework. <i>Building Simulation</i> , 2013, 6, 253-268.	5.6	13
16	Modeling of sorbent-based gas filters: Development, verification and experimental validation. <i>Building Simulation</i> , 2010, 3, 75-86.	5.6	25
17	A Study on the Similarities between Water Vapor and VOC Diffusion in Porous Media by a Dual Chamber Method. <i>Clean - Soil, Air, Water</i> , 2009, 37, 444-453.	1.1	29