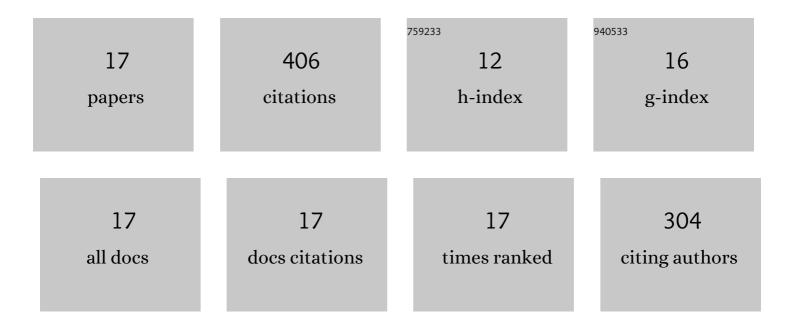
Jianshun Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5678317/publications.pdf Version: 2024-02-01



ΙΙΛΝSHUN ΖΗΛΝΟ

#	Article	IF	CITATIONS
1	A systematic approach to estimating the effectiveness of multi-scale IAQ strategies for reducing the risk of airborne infection of SARS-CoV-2. Building and Environment, 2021, 200, 107926.	6.9	79
2	Airborne transmission of SARS-CoV-2 in indoor environments: A comprehensive review. Science and Technology for the Built Environment, 2021, 27, 1331-1367.	1.7	44
3	EnergyPlus and CHAMPS-Multizone co-simulation for energy and indoor air quality analysis. Building Simulation, 2015, 8, 371-380.	5.6	41
4	Electrostatic Precipitators as an Indoor Air Cleaner—A Literature Review. Sustainability, 2020, 12, 8774.	3.2	41
5	A Study on the Similarities between Water Vapor and VOC Diffusion in Porous Media by a Dual Chamber Method. Clean - Soil, Air, Water, 2009, 37, 444-453.	1.1	29
6	Modeling of sorbent-based gas filters: Development, verification and experimental validation. Building Simulation, 2010, 3, 75-86.	5.6	25
7	Air and air contaminant flows in office cubicles with and without personal ventilation: A CFD modeling and simulation study. Building Simulation, 2015, 8, 381-392.	5.6	25
8	Review and analysis of fuel cell-based, micro-cogeneration for residential applications: Current state and future opportunities. Science and Technology for the Built Environment, 2017, 23, 1224-1243.	1.7	25
9	Hydrogen Peroxide Emission and Fate Indoors during Non-bleach Cleaning: A Chamber and Modeling Study. Environmental Science & Technology, 2020, 54, 15643-15651.	10.0	19
10	"Virtual Design Studioâ€â€"Part 1: Interdisciplinary design processes. Building Simulation, 2013, 6, 235-251.	5.6	18
11	Development of a procedure for estimating the parameters of mechanistic VOC emission source models from chamber testing data. Building Simulation, 2021, 14, 269-282.	5.6	18
12	Combining culturing and 16S rDNA sequencing to reveal seasonal and room variations of household airborne bacteria and correlative environmental factors in nanjing, southeast china. Indoor Air, 2021, 31, 1095-1108.	4.3	15
13	"Virtual Design Studioâ€â€"Part 2: Introduction to overall and software framework. Building Simulation, 2013, 6, 253-268.	5.6	13
14	Green Design Studio: A modular-based approach for high-performance building design. Building Simulation, 2021, 14, 241-268.	5.6	8
15	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). Science and Technology for the Built Environment, 2020, 26, 567-586.	1.7	5
16	Combined Heat, Air, Moisture and Pollutant Simulations (CHAMPS) research for building and urban energy efficiency and environmental quality analysis. Building Simulation, 2021, 14, 237-239.	5.6	1
17	Life-cycle cost and benefit analysis of utilizing hoods for light-duty cooking appliances in commercial kitchens (RP-1631, part 2). Science and Technology for the Built Environment, 2016, 22, 866-882.	1.7	0