# Jianshun Zhang

List of Publications by Year
in descending order

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|---|---|---|---|
| 17 papers | 406 citations | 759233<br>12 h-index | 940533<br>16 g-index |
| 17 all docs | 17 docs citations | 17 times ranked | 304 citing authors |

| # | 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 Cleanerâ€"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 &amp; Technology, 2020, 54, 15643-15651. | 10.0 | 19 |
| 10 | â€œVirtual 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 | â€œVirtual 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 |