

Shengwei Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2491761/publications.pdf>

Version: 2024-02-01

19
papers

580
citations

759233

12
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

501
citing authors

#	ARTICLE	IF	CITATIONS
1	An advanced numerical model for the assessment of airborne transmission of influenza in bus microenvironments. <i>Building and Environment</i> , 2012, 47, 67-75.	6.9	102
2	Effects of neighborhood green space on PM2.5 mitigation: Evidence from five megacities in China. <i>Building and Environment</i> , 2019, 156, 33-45.	6.9	77
3	Experimental and numerical investigation of micro-environmental conditions in public transportation buses. <i>Building and Environment</i> , 2010, 45, 2077-2088.	6.9	59
4	Effects of urban green space morphological pattern on variation of PM2.5 concentration in the neighborhoods of five Chinese megacities. <i>Building and Environment</i> , 2019, 158, 1-15.	6.9	59
5	A Review of CFD Analysis Methods for Personalized Ventilation (PV) in Indoor Built Environments. <i>Sustainability</i> , 2019, 11, 4166.	3.2	51
6	Performance analysis of a ductless personalized ventilation combined with radiant floor cooling system and displacement ventilation. <i>Building Simulation</i> , 2019, 12, 905-919.	5.6	43
7	A comparison of the thermal comfort performances of a radiation floor cooling system when combined with a range of ventilation systems. <i>Indoor and Built Environment</i> , 2020, 29, 527-542.	2.8	34
8	Cooling efficiency of a spot-type personalized air-conditioner. <i>Building and Environment</i> , 2017, 121, 35-48.	6.9	27
9	Measurements and Simulations of Aerosol Released while Singing and Playing Wind Instruments. <i>ACS Environmental Au</i> , 2021, 1, 71-84.	7.0	24
10	Development of a Computational Thermal Manikin Applicable in a Nonuniform Thermal Environment—Part 1: Coupled Simulation of Convection, Radiation, and Smith's Human Thermal Physiological Model for Sensible Heat Transfer from a Seated Human Body in Radiant Environment. <i>HVAC and R Research</i> , 2007, 13, 661-679.	0.6	21
11	Development of a Computational Thermal Manikin Applicable in a Non-Uniform Thermal Environment—Part 2: Coupled Simulation Using Sakoi's Human Thermal Physiological Model. <i>HVAC and R Research</i> , 2008, 14, 545-564.	0.6	19
12	Impacts of vehicle emission from a major road on spatiotemporal variations of neighborhood particulate pollution—A case study in a university campus. <i>Sustainable Cities and Society</i> , 2020, 53, 101917.	10.4	16
13	The influence of neighborhood-level urban morphology on PM2.5 variation based on random forest regression. <i>Atmospheric Pollution Research</i> , 2021, 12, 101147.	3.8	14
14	Scaled sequential threshold least-squares (S2TLS) algorithm for sparse regression modeling and flight load prediction. <i>Aerospace Science and Technology</i> , 2019, 85, 514-528.	4.8	9
15	Characterization of aerosol plumes from singing and playing wind instruments associated with the risk of airborne virus transmission. <i>Indoor Air</i> , 2022, 32, .	4.3	8
16	Investigation of fungal contamination in urban houses with children in six major Chinese cities: Genus and concentration characteristics. <i>Building and Environment</i> , 2021, 205, 108229.	6.9	7
17	Energy savings and thermal comfort evaluation of a novel personal conditioning device. <i>Energy and Buildings</i> , 2021, 241, 110917.	6.7	5
18	Tradeoffs between ventilation, air mixing, and passenger density for the airborne transmission risk in airport transportation vehicles. <i>Building and Environment</i> , 2022, 219, 109186.	6.9	3

#	ARTICLE	IF	CITATIONS
19	EXAMINATION ON THERMAL ADAPTIVE EFFECT OF POSTURAL ADJUSTMENT OF A SITTING HUMAN EXPOSED IN SPOT AIRFLOW. Journal of Environmental Engineering (Japan), 2007, 72, 25-31.	0.4	2