Xiang Zhou

List of Publications by Year
in descending order

12	305	1163117 8	1281871 11
papers	citations	h-index	g-index

12	12	12	266
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Indoor air pollutants, ventilation rate determinants and potential control strategies in Chinese dwellings: A literature review. Science of the Total Environment, 2017, 586, 696-729.	8.0	140
2	DeST 3.0: A new-generation building performance simulation platform. Building Simulation, 2022, 15, 1849-1868.	5.6	58
3	Energy and comfort performance of occupant-centric air conditioning strategy in office buildings with personal comfort devices. Building Simulation, 2022, 15, 899-911.	5.6	31
4	Room zonal location and activity intensity recognition model for residential occupant using passive-infrared sensors and machine learning. Building Simulation, 2022, 15, 1133-1144.	5.6	16
5	Energy and carbon performance of urban buildings using metamodeling variable importance techniques. Building Simulation, 2021, 14, 535-547.	5.6	14
6	An experiment-oriented simulation method for cooling capacity determination of cooling ceiling radiant panel system. Science and Technology for the Built Environment, 2016, 22, 831-844.	1.7	10
7	Simplified correlations for heat transfer coefficient and heat flux density of radiant ceiling panels. Science and Technology for the Built Environment, 2017, 23, 251-263.	1.7	10
8	Overall and thermal comfort under different temperature, noise, and vibration exposures. Indoor Air, 2022, 32, .	4.3	10
9	Numerical and experimental study on the characteristics of radiant ceiling systems. Building Research and Information, 2019, 47, 912-927.	3.9	9
10	A game-theoretic analysis of the government's role on the biomass supply chain construction. International Journal of Ambient Energy, 2017, 38, 444-458.	2.5	6
11	Carbon Performance Evaluation of Urban Buildings Using Machine Learning-Based Energy Models. Environmental Science and Engineering, 2020, , 1379-1388.	0.2	1
12	Evaluation of Radiant Heating and CoolingÂTerminals Based on Structural Thermal Resistance. Environmental Science and Engineering, 2020, , 1367-1377.	0.2	0