Yufeng Zhang

List of Publications by Citations

31 papers	1,015 citations	15 h-index	31 g-index
39 ext. papers	1,290 ext. citations	5.6 avg, IF	4.62 L-index

#	Paper	IF	Citations
31	Development of the ASHRAE Global Thermal Comfort Database II. *Building and Environment*, **2018**, 142, 502-512	6.5	164
30	Comfort under personally controlled air movement in warm and humid environments. *Building and Environment*, **2013**, 65, 109-117	6.5	131
29	Thermal comfort in naturally ventilated buildings in hot-humid area of China. *Building and Environment*, **2010**, 45, 2562-2570	6.5	127
28	Human comfort and perceived air quality in warm and humid environments with ceiling fans. *Building and Environment*, **2015**, 90, 178-185	6.5	84
27	Human responses to high humidity in elevated temperatures for people in hot-humid climates. *Building and Environment*, **2017**, 114, 257-266	6.5	71
26	Relationship between thermal sensation and comfort in non-uniform and dynamic environments. *Building and Environment*, **2009**, 44, 1386-1391	6.5	57
25	Effects of step changes of temperature and humidity on human responses of people in hot-humid area of China. *Building and Environment*, **2014**, 80, 174-183	6.5	56
24	Effect of local exposure on human responses. *Building and Environment*, **2007**, 42, 2737-2745	6.5	53
23	Acceptable temperature steps for transitional spaces in the hot-humid area of China. *Building and Environment*, **2017**, 121, 190-199	6.5	27
22	Thermal comfort in interior and semi-open spaces of rural folk houses in hot-humid areas. *Building and Environment*, **2018**, 128, 336-347	6.5	27
21	Urban Design Factors Influencing Surface Urban Heat Island in the High-Density City of Guangzhou Based on the Local Climate Zone. *Sensors*, **2019**, 19,	3.8	19
20	Design criteria of built thermal environment for Hot Summer & Warm Winter zone of China. *Building and Environment*, **2015**, 88, 97-105	6.5	17
19	Thermal comfort of rural residents in a hot□humid area. *Building Research and Information*, **2017**, 45, 209-221	4.3	15
18	Remote sensing retrieval of urban land surface temperature in hot-humid region. *Urban Climate*, **2018**, 24, 299-310	6.8	15
17	An Unmanned Airship Thermal Infrared Remote Sensing System for Low-Altitude and High Spatial Resolution Monitoring of Urban Thermal Environments: Integration and an Experiment. *Remote Sensing*, **2015**, 7, 14259-14275	5	15
16	Airflow utilization in buildings in hot and humid areas of China. *Building and Environment*, **2015**, 87, 207-214	6.5	14
15	Adaptation-based indoor environment control in a hot-humid area. *Building and Environment*, **2017**, 117, 238-247	6.5	13

List of Publications

14	Smart indoor humidity and condensation control in the spring in hot-humid areas. *Building and Environment*, **2018**, 135, 42-52	6.5	13
13	Thermal comfort of people from two types of air-conditioned buildings - Evidences from chamber experiments. *Building and Environment*, **2019**, 162, 106287	6.5	12
12	Outdoor thermal comfort in a tropical coastal tourist resort in Haikou, China. *Indoor and Built Environment*, **2020**, 29, 730-745	1.8	7
11	Thermal comfort of people in a super high-rise building with central air-conditioning system in the hot-humid area of China. *Energy and Buildings*, **2020**, 209, 109727	7	6
10	Method of determining acceptable air temperature thresholds in Chinese HVAC buildings based on a data-driven model. *Energy and Buildings*, **2021**, 241, 110920	7	6
9	Comfortable air speeds for young people lying at rest in the hot-humid area of China in summer. *Building and Environment*, **2017**, 124, 402-411	6.5	5
8	Local-Scale Urban Energy Balance Observation under Various Sky Conditions in a Humid Subtropical Region. *Journal of Applied Meteorology and Climatology*, **2019**, 58, 1573-1591	2.7	2
7	EMPD-based moisture buffering quantification with moisture-dependent properties (Ⅱ Modelling and simulations. *Building and Environment*, **2021**, 205, 108266	6.5	2
6	On the gym air temperature supporting exercise and comfort. *Building and Environment*, **2021**, 206, 108313	6.5	2
5	The CTTC model for predicting courtyard air temperature in South China. *Building Simulation*, **2017**, 10, 663-676	3.9	1
4	Assessment indices for uniform and non-uniform thermal environments. *Frontiers of Energy and Power Engineering in China*, **2008**, 2, 129-133		1
3	Urban morphological indicators of urban heat and moisture islands under various sky conditions in a humid subtropical region. *Building and Environment*, **2022**, 214, 108906	6.5	0
2	A Comparison of Thermal Comfort of People from Buildings with Centralized Air-Conditioning Systems and Split Air-Conditioners. *Environmental Science and Engineering*, **2020**, 1181-1190	0.2	
1	The Impact of History of Using Air-Conditioning on Students Heat-Stroke in Summer Military Training. *Environmental Science and Engineering*, **2020**, 817-825	0.2	