Hui Zhang

List of Publications by Year in Descending Order

16 papers	1,698 citations	13 h-index	16 g-index
16 ext. papers	2,020 ext. citations	6 avg, IF	4.75 L-index

#	Paper	IF	Citations
16	Creating alliesthesia in cool environments using personal comfort systems. *Building and Environment*, **2021**, 209, 108642	6.5	2
15	Predicting thermal pleasure experienced in dynamic environments from simulated cutaneous thermoreceptor activity. *Indoor Air*, **2021**, 31, 2266-2280	5.4	3
14	Air-conditioning use behaviors when elevated air movement is available. *Energy and Buildings*, **2020**, 225, 110370	7	9
13	Evaluating the comfort of thermally dynamic wearable devices. *Building and Environment*, **2020**, 167, 106443	6.5	19
12	Occupant comfort and behavior: High-resolution data from a 6-month field study of personal comfort systems with 37 real office workers. *Building and Environment*, **2019**, 148, 348-360	6.5	48
11	Selecting air speeds for cooling at sedentary and non-sedentary office activity levels. *Building and Environment*, **2017**, 122, 247-257	6.5	34
10	Using footwarmers in offices for thermal comfort and energy savings. *Energy and Buildings*, **2015**, 104, 233-243	7	60
9	A review of the corrective power of personal comfort systems in non-neutral ambient environments. *Building and Environment*, **2015**, 91, 15-41	6.5	191
8	Energy-efficient comfort with a heated/cooled chair: Results from human subject tests. *Building and Environment*, **2015**, 84, 10-21	6.5	106
7	Enabling energy-efficient approaches to thermal comfort using room air motion. *Building and Environment*, **2014**, 79, 13-19	6.5	38
6	Thermal sensation and comfort models for non-uniform and transient environments, part II: Local comfort of individual body parts. *Building and Environment*, **2010**, 45, 389-398	6.5	163
5	Thermal sensation and comfort models for non-uniform and transient environments: Part I: Local sensation of individual body parts. *Building and Environment*, **2010**, 45, 380-388	6.5	231
4	Thermal sensation and comfort models for non-uniform and transient environments, part III: Whole-body sensation and comfort. *Building and Environment*, **2010**, 45, 399-410	6.5	245
3	Comfort, perceived air quality, and work performance in a low-power task□ambient conditioning system. *Building and Environment*, **2010**, 45, 29-39	6.5	177
2	Partial- and whole-body thermal sensation and comfort□Part II: Non-uniform environmental conditions. *Journal of Thermal Biology*, **2006**, 31, 60-66	2.9	158
1	Partial- and whole-body thermal sensation and comfort□Part I: Uniform environmental conditions. *Journal of Thermal Biology*, **2006**, 31, 53-59	2.9	214