

# Hui Zhang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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