Zahra Sadat Zomorodian

List of Publications by Citations

20 papers	486 citations
12 h-index	22 g-index
23 ext. papers	658 ext. citations
6.9 avg, IF	4.71 L-index

#	Paper	IF	Citations
20	Thermal comfort in educational buildings: A review article. *Renewable and Sustainable Energy Reviews*, **2016**, 59, 895-906	16.2	167
19	Energy and economic performance of rooftop PV panels in the hot and dry climate of Iran. *Journal of Cleaner Production*, **2018**, 174, 1204-1214	10.3	45
18	Visual comfort assessment of daylit and sunlit areas: A longitudinal field survey in classrooms in Kashan, Iran. *Energy and Buildings*, **2016**, 128, 305-318	7	36
17	Assessment of window performance in classrooms by long term spatial comfort metrics. *Energy and Buildings*, **2017**, 134, 80-93	7	33
16	Energy and carbon analysis of double skin façades in the hot and dry climate. *Journal of Cleaner Production*, **2018**, 197, 85-96	10.3	33
15	Energy retrofit techniques: An experimental study of two typical school buildings in Tehran. *Energy and Buildings*, **2015**, 104, 65-72	7	28
14	Techno-economic BIPV evaluation method in urban areas. *Renewable Energy*, **2019**, 143, 1235-1246	8.1	23
13	Assessing the effectiveness of dynamic metrics in predicting daylight availability and visual comfort in classrooms. *Renewable Energy*, **2019**, 134, 669-680	8.1	22
12	Indoor environment quality assessment in classrooms: An integrated approach. *Journal of Building Physics*, **2018**, 42, 336-362	2.6	21
11	Investigation of illuminance-based metrics in predicting occupants visual comfort (case study: Architecture design studios). *Solar Energy*, **2020**, 197, 111-125	6.8	17
10	Occupants visual comfort assessments: A review of field studies and lab experiments. *Solar Energy*, **2020**, 208, 249-274	6.8	12
9	The Scales Project, a cross-national dataset on the interpretation of thermal perception scales. *Scientific Data*, **2019**, 6, 289	8.2	12
8	The effect of occupant behaviors on energy retrofit: A case study of student dormitories in Tehran. *Journal of Cleaner Production*, **2021**, 278, 123556	10.3	12
7	Application of machine learning in thermal comfort studies: A review of methods, performance and challenges. *Energy and Buildings*, **2022**, 256, 111771	7	8
6	Techno-economic viability of on grid micro-hybrid PV/wind/Gen system for an educational building in Iran. *Renewable and Sustainable Energy Reviews*, **2021**, 143, 110877	16.2	6
5	A method of partition design for open-plan offices based on daylight performance evaluation. *Journal of Building Engineering*, **2020**, 29, 101171	5.2	4
4	A Study on Cable-Stayed Bridges. *Applied Mechanics and Materials*, **2012**, 193-194, 1113-1118	0.3	3

LIST OF PUBLICATIONS

3   A review of web-based building energy analysis applications. *Journal of Cleaner Production*, **2021**, 306, 127251   10.3   2

2   Room energy demand and thermal comfort predictions in early stages of design based on the Machine Learning methods. *Intelligent Buildings International*,1-18   1.7   0

1   Categorizing the Roof Forms of Indoor Ballparks. *Applied Mechanics and Materials*, **2012**, 174-177, 1710-1713   0.3