

Zahra Sadat Zomorodian

List of Publications by Year in Descending Order

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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.

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	Application of machine learning in thermal comfort studies: A review of methods, performance and challenges. <i>Energy and Buildings</i> , 2022 , 256, 111771	7	8
19	Techno-economic viability of on grid micro-hybrid PV/wind/Gen system for an educational building in Iran. <i>Renewable and Sustainable Energy Reviews</i> , 2021 , 143, 110877	16.2	6
18	A review of web-based building energy analysis applications. <i>Journal of Cleaner Production</i> , 2021 , 306, 127251	10.3	2
17	The effect of occupant behaviors on energy retrofit: A case study of student dormitories in Tehran. <i>Journal of Cleaner Production</i> , 2021 , 278, 123556	10.3	12
16	A method of partition design for open-plan offices based on daylight performance evaluation. <i>Journal of Building Engineering</i> , 2020 , 29, 101171	5.2	4
15	Investigation of illuminance-based metrics in predicting occupants' visual comfort (case study: Architecture design studios). <i>Solar Energy</i> , 2020 , 197, 111-125	6.8	17
14	Occupants visual comfort assessments: A review of field studies and lab experiments. <i>Solar Energy</i> , 2020 , 208, 249-274	6.8	12
13	Techno-economic BIPV evaluation method in urban areas. <i>Renewable Energy</i> , 2019 , 143, 1235-1246	8.1	23
12	The Scales Project, a cross-national dataset on the interpretation of thermal perception scales. <i>Scientific Data</i> , 2019 , 6, 289	8.2	12
11	Assessing the effectiveness of dynamic metrics in predicting daylight availability and visual comfort in classrooms. <i>Renewable Energy</i> , 2019 , 134, 669-680	8.1	22
10	Energy and economic performance of rooftop PV panels in the hot and dry climate of Iran. <i>Journal of Cleaner Production</i> , 2018 , 174, 1204-1214	10.3	45
9	Indoor environment quality assessment in classrooms: An integrated approach. <i>Journal of Building Physics</i> , 2018 , 42, 336-362	2.6	21
8	Energy and carbon analysis of double skin façades in the hot and dry climate. <i>Journal of Cleaner Production</i> , 2018 , 197, 85-96	10.3	33
7	Assessment of window performance in classrooms by long term spatial comfort metrics. <i>Energy and Buildings</i> , 2017 , 134, 80-93	7	33
6	Thermal comfort in educational buildings: A review article. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 59, 895-906	16.2	167
5	Visual comfort assessment of daylight and sunlit areas: A longitudinal field survey in classrooms in Kashan, Iran. <i>Energy and Buildings</i> , 2016 , 128, 305-318	7	36
4	Energy retrofit techniques: An experimental study of two typical school buildings in Tehran. <i>Energy and Buildings</i> , 2015 , 104, 65-72	7	28

3	A Study on Cable-Stayed Bridges. <i>Applied Mechanics and Materials</i> , 2012 , 193-194, 1113-1118	0.3	3
2	Categorizing the Roof Forms of Indoor Ballparks. <i>Applied Mechanics and Materials</i> , 2012 , 174-177, 1710-1713	0.3	3
1	Room energy demand and thermal comfort predictions in early stages of design based on the Machine Learning methods. <i>Intelligent Buildings International</i> , 1-18	1.7	0