

Zahra Sadat Zomorodian

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8338989/publications.pdf>

Version: 2024-02-01

22
papers

900
citations

566801

15
h-index

752256

20
g-index

23
all docs

23
docs citations

23
times ranked

857
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal comfort in educational buildings: A review article. <i>Renewable and Sustainable Energy Reviews</i> , 2016, 59, 895-906.	8.2	276
2	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.	4.6	67
3	Application of machine learning in thermal comfort studies: A review of methods, performance and challenges. <i>Energy and Buildings</i> , 2022, 256, 111771.	3.1	55
4	Energy and carbon analysis of double skin façades in the hot and dry climate. <i>Journal of Cleaner Production</i> , 2018, 197, 85-96.	4.6	53
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.	3.1	47
6	Assessment of window performance in classrooms by long term spatial comfort metrics. <i>Energy and Buildings</i> , 2017, 134, 80-93.	3.1	47
7	Assessing the effectiveness of dynamic metrics in predicting daylight availability and visual comfort in classrooms. <i>Renewable Energy</i> , 2019, 134, 669-680.	4.3	45
8	Energy retrofit techniques: An experimental study of two typical school buildings in Tehran. <i>Energy and Buildings</i> , 2015, 104, 65-72.	3.1	43
9	Investigation of illuminance-based metrics in predicting occupants' visual comfort (case study: Tj ETQq1 1 0.784314 rgBT/Overlo	2.9	43
10	Occupants visual comfort assessments: A review of field studies and lab experiments. <i>Solar Energy</i> , 2020, 208, 249-274.	2.9	40
11	Techno-economic BIPV evaluation method in urban areas. <i>Renewable Energy</i> , 2019, 143, 1235-1246.	4.3	39
12	Indoor environment quality assessment in classrooms: An integrated approach. <i>Journal of Building Physics</i> , 2018, 42, 336-362.	1.2	33
13	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.	4.6	29
14	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.	8.2	29
15	The Scales Project, a cross-national dataset on the interpretation of thermal perception scales. <i>Scientific Data</i> , 2019, 6, 289.	2.4	19
16	A review of web-based building energy analysis applications. <i>Journal of Cleaner Production</i> , 2021, 306, 127251.	4.6	9
17	A method of partition design for open-plan offices based on daylight performance evaluation. <i>Journal of Building Engineering</i> , 2020, 29, 101171.	1.6	8
18	Estimating the Impact of Occupants' Behaviour on Energy Consumption by Pls-SEM: A Case Study of Pakdel Residential Complex in Isfahan, IRAN. <i>Frontiers in Sustainable Cities</i> , 2022, 4, .	1.2	6

#	ARTICLE	IF	CITATIONS
19	A Study on Cable-Stayed Bridges. Applied Mechanics and Materials, 0, 193-194, 1113-1118.	0.2	4
20	Room energy demand and thermal comfort predictions in early stages of design based on the Machine Learning methods. Intelligent Buildings International, 2023, 15, 3-20.	1.3	4
21	Indoor environmental quality improvement of student dormitories in Tehran, Iran. International Journal of Building Pathology and Adaptation, 2023, 41, 258-278.	0.7	4
22	Categorizing the Roof Forms of Indoor Ballparks. Applied Mechanics and Materials, 2012, 174-177, 1710-1713.	0.2	0