

Ebrahim Solgi

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.

20
papers

618
citations

14
h-index

20
g-index

20
ext. papers

805
ext. citations

5.8
avg, IF

4.76
L-index

#	Paper	IF	Citations
20	Urban green space cooling effect in cities. <i>Heliyon</i> , 2019 , 5, e01339	3.6	127
19	Cooling load reduction in office buildings of hot-arid climate, combining phase change materials and night purge ventilation. <i>Renewable Energy</i> , 2016 , 85, 725-731	8.1	68
18	A literature review of night ventilation strategies in buildings. <i>Energy and Buildings</i> , 2018 , 173, 337-352	7	66
17	Numerical analysis of the efficiency of earth to air heat exchange systems in cold and hot-arid climates. <i>Energy Conversion and Management</i> , 2017 , 148, 78-89	10.6	57
16	A parametric study of phase change material behaviour when used with night ventilation in different climatic zones. <i>Building and Environment</i> , 2019 , 147, 327-336	6.5	38
15	Financial viability of PCMs in countries with low energy cost: A case study of different climates in Iran. <i>Energy and Buildings</i> , 2018 , 173, 128-137	7	30
14	Visual discomfort and glare assessment in office environments: A review of light-induced physiological and perceptual responses. <i>Building and Environment</i> , 2019 , 153, 267-280	6.5	27
13	The Cooling Effect of Large-Scale Urban Parks on Surrounding Area Thermal Comfort. <i>Energies</i> , 2019 , 12, 3904	3.1	26
12	The role of green spaces in increasing social interactions in neighborhoods with periodic markets. <i>Habitat International</i> , 2019 , 84, 24-32	4.6	26
11	The impact of phase change materials assisted night purge ventilations on the indoor thermal conditions of office buildings in hot-arid climates. <i>Energy and Buildings</i> , 2017 , 150, 488-497	7	25
10	Design and Validation of a Computational Program for Analysing Mental Maps: Aram Mental Map Analyzer. <i>Sustainability</i> , 2019 , 11, 3790	3.6	22
9	Computational modeling of land surface temperature using remote sensing data to investigate the spatial arrangement of buildings and energy consumption relationship. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2020 , 14, 254-270	4.5	21
8	Urban heat resilience at the time of global warming: evaluating the impact of the urban parks on outdoor thermal comfort. <i>Environmental Sciences Europe</i> , 2020 , 32,	5	19
7	A parametric study of phase change material characteristics when coupled with thermal insulation for different Australian climatic zones. <i>Building and Environment</i> , 2019 , 163, 106317	6.5	18
6	How parks provide thermal comfort perception in the metropolitan cores; a case study in Madrid Mediterranean climatic zone. <i>Climate Risk Management</i> , 2020 , 30, 100245	4.6	14
5	Lighting for work: A study of the relationships among discomfort glare, physiological responses and visual performance. <i>Building and Environment</i> , 2020 , 167, 106478	6.5	14
4	Assessment of reflective insulation systems in wall application in hot-arid climates. <i>Sustainable Cities and Society</i> , 2020 , 52, 101734	10.1	10

3	The Viability of Energy Auditing in Countries with Low Energy Cost: A Case Study of a Residential Building in Cold Climates. <i>Designs</i> , 2019 , 3, 42	1.8	5
2	Revealing the relationships between luminous environment characteristics and physiological, ocular and performance measures: An experimental study. <i>Building and Environment</i> , 2020 , 172, 106702	6.5	5
1	The Effects of Thermal-Spatial Behaviours of Land Covers on Urban Heat Islands in Semi-Arid Climates. <i>Sustainability</i> , 2021 , 13, 13824	3.6	