

Islam A Mashaly

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4321134/publications.pdf>

Version: 2024-02-01

11
papers

102
citations

1477746

6
h-index

1473754

9
g-index

11
all docs

11
docs citations

11
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Shaping the slats of hospital patient room window blinds for daylighting and external view under desert clear skies. <i>Solar Energy</i> , 2016, 133, 1-13.	2.9	28
2	Daylighting simulation for the configuration of external sun-breakers on south oriented windows of hospital patient rooms under a clear desert sky. <i>Solar Energy</i> , 2017, 149, 164-175.	2.9	22
3	A prismatic daylight redirecting fenestration system for southern skies. <i>Renewable Energy</i> , 2017, 109, 202-212.	4.3	14
4	Statics of space syntax: Analysis of daylighting. <i>Frontiers of Architectural Research</i> , 2019, 8, 311-318.	1.3	13
5	Illumination of dense urban areas by light redirecting panels. <i>Optics Express</i> , 2014, 22, A895.	1.7	8
6	Mathematical model for designing a light redirecting prismatic panel. <i>Solar Energy</i> , 2018, 159, 638-649.	2.9	8
7	A daylight-oriented multi-objective optimisation of complex fenestration systems. <i>Building and Environment</i> , 2021, 197, 107828.	3.0	5
8	The Power of Data Visualization: A Prototype Energy Performance Map for a University Campus. , 2015, , .		2
9	Light redirecting system using sine-wave based panels for dense urban areas. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
10	CFStrace: An evaluation method to include complex fenestration systems in the façade design process. <i>Solar Energy</i> , 2021, 217, 253-262.	2.9	1
11	A New Dynamic Climate-Based Daylight Metric for Sustainable Building Design in Hot Climates. <i>Modern Environmental Science and Engineering</i> , 2016, 2, 358-364.	0.3	0