Islam A Mashaly

List of Publications by Citations

10 papers	67 citations	5 h-index	8 g-index
11 ext. papers	86 ext. citations	5.2 avg, IF	2.16 L-index

#	Paper	IF	Citations
10	Daylighting simulation for the configuration of external sun-breakers on south oriented windows of hospital patient rooms under a clear desert sky. *Solar Energy*, **2017**, 149, 164-175	6.8	16
9	Shaping the slats of hospital patient room window blinds for daylighting and external view under desert clear skies. *Solar Energy*, **2016**, 133, 1-13	6.8	16
8	A prismatic daylight redirecting fenestration system for southern skies. *Renewable Energy*, **2017**, 109, 202-212	8.1	9
7	Illumination of dense urban areas by light redirecting panels. *Optics Express*, **2014**, 22 Suppl 3, A895-907	3.3	8
6	Mathematical model for designing a light redirecting prismatic panel. *Solar Energy*, **2018**, 159, 638-649	6.8	7
5	Statics of space syntax: Analysis of daylighting. *Frontiers of Architectural Research*, **2019**, 8, 311-318	2.3	5
4	The Power of Data Visualization: A Prototype Energy Performance Map for a University Campus **2015**,		2
3	A daylight-oriented multi-objective optimisation of complex fenestration systems. *Building and Environment*, **2021**, 197, 107828	6.5	2
2	Light redirecting system using sine-wave based panels for dense urban areas **2014**,		1
1	CFStrace: An evaluation method to include complex fenestration systems in the façade design process. *Solar Energy*, **2021**, 217, 253-262	6.8	1