

Jaime Navarro

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.

16
papers

272
citations

12
h-index

16
g-index

16
ext. papers

320
ext. citations

6.5
avg, IF

3.32
L-index

#	Paper	IF	Citations
16	Energy efficiency and lighting design in courtyards and atriums: A predictive method for daylight factors. <i>Applied Energy</i> , 2018 , 211, 1216-1228	10.7	21
15	Solar radiation entering through openings: Coupled assessment of luminous and thermal aspects. <i>Energy and Buildings</i> , 2018 , 175, 208-218	7	2
14	Design optimisation of perforated solar faades in order to balance daylighting with thermal performance. <i>Building and Environment</i> , 2017 , 125, 383-400	6.5	35
13	Analysis of the accuracy of the sky component calculation in daylighting simulation programs. <i>Solar Energy</i> , 2015 , 119, 54-67	6.8	24
12	Analysis of daylight factors and energy saving allowed by windows under overcast sky conditions. <i>Renewable Energy</i> , 2015 , 77, 194-207	8.1	45
11	Towards an analysis of the performance of monitor skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2015 , 88, 248-261	7	9
10	Climate-based daylighting analysis for the effects of location, orientation and obstruction. <i>Lighting Research and Technology</i> , 2014 , 46, 268-280	2	19
9	Lighting design in courtyards: Predictive method of daylight factors under overcast sky conditions. <i>Renewable Energy</i> , 2014 , 71, 243-254	8.1	19
8	Daylighting design with lightscoop skylights: Towards an optimization of shape under overcast sky conditions. <i>Energy and Buildings</i> , 2013 , 60, 232-238	7	16
7	Towards an analysis of the performance of lightwell skylights under overcast sky conditions. <i>Energy and Buildings</i> , 2013 , 64, 10-16	7	12
6	Predictive method of the sky component in a courtyard under overcast sky conditions. <i>Solar Energy</i> , 2013 , 89, 89-99	6.8	13
5	Daylighting design with lightscoop skylights: Towards an optimization of proportion and spacing under overcast sky conditions. <i>Energy and Buildings</i> , 2012 , 49, 394-401	7	15
4	Towards an Analysis of Daylighting Simulation Software. <i>Energies</i> , 2011 , 4, 1010-1024	3.1	25
3	Determination of the origin of the illumination vector due to vertical windows under Moon-Spencer sky conditions (uniformly overcast). <i>Renewable Energy</i> , 2008 , 33, 168-172	8.1	2
2	Daylighting provided by horizontal openings using the illumination vector. <i>Renewable Energy</i> , 2006 , 31, 2513-2523	8.1	2
1	The sound of the cathedral-mosque of Crdoba. <i>Journal of Cultural Heritage</i> , 2005 , 6, 307-312	2.9	13