Jaime Navarro

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.

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