Jaime Navarro

List of Publications by Year
in descending order

16	383	759233 12	940533 16
papers	citations	h-index	g-index

16	16	16	274
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of daylight factors and energy saving allowed by windows under overcast sky conditions. Renewable Energy, 2015, 77, 194-207.	8.9	66
2	Design optimisation of perforated solar faÃ§ades in order to balance daylighting with thermal performance. Building and Environment, 2017, 125, 383-400.	6.9	53
3	Energy efficiency and lighting design in courtyards and atriums: A predictive method for daylight factors. Applied Energy, 2018, 211, 1216-1228.	10.1	40
4	Analysis of the accuracy of the sky component calculation in daylighting simulation programs. Solar Energy, 2015, 119, 54-67.	6.1	32
5	Towards an Analysis of Daylighting Simulation Software. Energies, 2011, 4, 1010-1024.	3.1	31
6	Climate-based daylighting analysis for the effects of location, orientation and obstruction. Lighting Research and Technology, 2014, 46, 268-280.	2.7	27
7	Lighting design in courtyards: Predictive method of daylight factors under overcast sky conditions. Renewable Energy, 2014, 71, 243-254.	8.9	22
8	Daylighting design with lightscoop skylights: Towards an optimization of shape under overcast sky conditions. Energy and Buildings, 2013, 60, 232-238.	6.7	19
9	The sound ofÂtheÂcathedral-mosque ofÂCÃ³rdoba. Journal of Cultural Heritage, 2005, 6, 307-312.	3.3	17
10	Daylighting design with lightscoop skylights: Towards an optimization of proportion and spacing under overcast sky conditions. Energy and Buildings, 2012, 49, 394-401.	6.7	17
11	Towards an analysis of the performance of lightwell skylights under overcast sky conditions. Energy and Buildings, 2013, 64, 10-16.	6.7	17
12	Predictive method of the sky component in a courtyard under overcast sky conditions. Solar Energy, 2013, 89, 89-99.	6.1	17
13	Towards an analysis of the performance of monitor skylights under overcast sky conditions. Energy and Buildings, 2015, 88, 248-261.	6.7	13
14	Solar radiation entering through openings: Coupled assessment of luminous and thermal aspects. Energy and Buildings, 2018, 175, 208-218.	6.7	8
15	Daylighting provided by horizontal openings using the illumination vector. Renewable Energy, 2006, 31, 2513-2523.	8.9	2
16	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.	8.9	2