

David Moreno-Rangel

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2375160/david-moreno-rangel-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

195
citations

9
h-index

13
g-index

17
ext. papers

252
ext. citations

3.6
avg, IF

3.42
L-index

#	Paper	IF	Citations
16	Design optimisation of perforated solar faades in order to balance daylighting with thermal performance. <i>Building and Environment</i> , 2017 , 125, 383-400	6.5	35
15	Correlating daylight availability metric with lighting, heating and cooling energy consumptions. <i>Building and Environment</i> , 2018 , 132, 170-180	6.5	31
14	Analysis of the accuracy of the sky component calculation in daylighting simulation programs. <i>Solar Energy</i> , 2015 , 119, 54-67	6.8	24
13	Climate-based daylighting analysis for the effects of location, orientation and obstruction. <i>Lighting Research and Technology</i> , 2014 , 46, 268-280	2	19
12	Design and Performance of Test Cells as an Energy Evaluation Model of Facades in a Mediterranean Building Area. <i>Energies</i> , 2017 , 10, 1816	3.1	19
11	Patio and Botijo: Energetic strategies and architectural integration in Patio 2.12 prototype. <i>Energy and Buildings</i> , 2014 , 83, 70-88	7	16
10	Optimization method for perforated solar screen design to improve daylighting using orthogonal arrays and climate-based daylight modelling. <i>Journal of Building Performance Simulation</i> , 2017 , 10, 144-160	2.8	15
9	A comparison of closed-form and finite-element solutions for heat transfer in a nearly horizontal, unglazed flat plate PVT water collector: Performance assessment. <i>Solar Energy</i> , 2017 , 141, 11-24	6.8	11
8	Climate-based daylight analysis of fixed shading devices in an open-plan office. <i>Lighting Research and Technology</i> , 2016 , 48, 205-220	2	10
7	Patio 2.12: Vivienda prefabricada, sostenible, autosuficiente y energéticamente eficiente. Participación en la competición Solar Decathlon Europe 2012. <i>Informes De La Construccion</i> , 2015 , 67, e088	0.4	4
6	Impact of perforated solar screens on daylight availability and low energy use in offices. <i>Advances in Building Energy Research</i> , 2021 , 15, 117-141	1.8	4
5	Statistical Methods Applied to Optimize Perforated Faade Design for Daylight Availability. <i>Journal of Architectural Engineering</i> , 2019 , 25, 04018034	1.5	3
4	Solar radiation entering through openings: Coupled assessment of luminous and thermal aspects. <i>Energy and Buildings</i> , 2018 , 175, 208-218	7	2
3	Surface Urban Heat Island Assessment of a Cold Desert City: A Case Study over the Isfahan Metropolitan Area of Iran. <i>Atmosphere</i> , 2021 , 12, 1368	2.7	2
2	Un estudio de caso: Rehabilitación singular de edificios de viviendas en la barriada del Parque Alcosa, análisis de daños constructivos comunes y propuesta de intervención. <i>Informes De La Construccion</i> , 2014 , 66, e017	0.4	
1	Construcción de pantallas y anclajes en el solar del Mercado de la Encarnación en Sevilla: modelo de cálculo, estudio de desplazamientos y propuesta de intervención. <i>Informes De La Construccion</i> , 2015 , 67, e051	0.4	