

Paula M Esquivias

List of Publications by Year in descending order

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14
papers

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docs citations

15
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228
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Energy Demand Reduction in Social Housing Buildings: Envelope System Optimization Strategies. <i>Energies</i> , 2012, 5, 2263-2287.	1.6	55
2	Analysis of the accuracy of the sky component calculation in daylighting simulation programs. <i>Solar Energy</i> , 2015, 119, 54-67.	2.9	32
3	Climate-based daylighting analysis for the effects of location, orientation and obstruction. <i>Lighting Research and Technology</i> , 2014, 46, 268-280.	1.2	27
4	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.	1.0	19
5	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.	2.9	18
6	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.	3.1	17
7	Climate-based daylight analysis of fixed shading devices in an open-plan office. <i>Lighting Research and Technology</i> , 2016, 48, 205-220.	1.2	17
8	Decarbonization and Circular Economy in the Sustainable Development and Renovation of Buildings and Neighbourhoods. <i>Sustainability</i> , 2020, 12, 7914.	1.6	16
9	Comparative study between the Passive House Standard in warm climates and Nearly Zero Energy Buildings under Spanish Technical Building Code in a dwelling design in Seville, Spain. <i>Energy and Buildings</i> , 2022, 254, 111570.	3.1	16
10	Solar radiation entering through openings: Coupled assessment of luminous and thermal aspects. <i>Energy and Buildings</i> , 2018, 175, 208-218.	3.1	8
11	Personalized Evaporative Cooler to Reduce Energy Consumption and Improve Thermal Comfort in Free-Running Spaces. <i>Sustainability</i> , 2019, 11, 6451.	1.6	7
12	Eco-Efficient Analysis of a Refurbishment Proposal for a Social Housing. <i>Sustainability</i> , 2020, 12, 6725.	1.6	7
13	Energy Consumption Reduction of a Chiller Plant by Adding Evaporative Pads to Decrease Condensation Temperature. <i>Energies</i> , 2020, 13, 2218.	1.6	5
14	IAQ Improvement by Smart Ventilation Combined with Geothermal Renewable Energy at nZEB. <i>Environmental Sciences Proceedings</i> , 2021, 9, 7.	0.3	1