

Joaquim RomanÃ- Picas

List of Publications by Year in descending order

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12
papers

439
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840776

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428
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Transparent and Semi-Transparent Building-Integrated Photovoltaics for Fenestration Application Modeling in Building Simulations. <i>Energies</i> , 2022, 15, 3286.	3.1	13
2	Performance Assessment of District Energy Systems with Common Elements for Heating and Cooling. <i>Energies</i> , 2021, 14, 2334.	3.1	4
3	Evaluation of energy density as performance indicator for thermal energy storage at material and system levels. <i>Applied Energy</i> , 2019, 235, 954-962.	10.1	40
4	Experimental set-up for testing active and passive systems for energy savings in buildings â€“ Lessons learnt. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 82, 1014-1026.	16.4	50
5	Experimental testing of cooling internal loads with a radiant wall. <i>Renewable Energy</i> , 2018, 116, 1-8.	8.9	35
6	Control concepts of a radiant wall working as thermal energy storage for peak load shifting of a heat pump coupled to a PV array. <i>Renewable Energy</i> , 2018, 118, 489-501.	8.9	37
7	Development and experimental validation of a transient 2D numeric model for radiant walls. <i>Renewable Energy</i> , 2018, 115, 859-870.	8.9	15
8	Process integration of thermal energy storage systems â€“ Evaluation methodology and case studies. <i>Applied Energy</i> , 2018, 230, 750-760.	10.1	47
9	Optimization of deterministic controls for a cooling radiant wall coupled to a PV array. <i>Applied Energy</i> , 2018, 229, 1103-1110.	10.1	12
10	Experimental evaluation of a heating radiant wall coupled to a ground source heat pump. <i>Renewable Energy</i> , 2017, 105, 520-529.	8.9	37
11	Simulation and control of thermally activated building systems (TABS). <i>Energy and Buildings</i> , 2016, 127, 22-42.	6.7	116
12	Experimental evaluation of a cooling radiant wall coupled to a ground heat exchanger. <i>Energy and Buildings</i> , 2016, 129, 484-490.	6.7	33