Joaquim RomanÃ- Picas

List of Publications by Year
in descending order

12	439	840776 11	1199594 12
papers	citations	h-index	g-index

13	13	13	428
all docs	docs citations	times ranked	citing authors

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