Jordi Jc Cipriano

List of Publications by Year in Descending Order

20 papers	228 citations	8 h-index	14 g-index
20 ext. papers	287 ext. citations	6.6 avg, IF	3.23 L-index

#	Paper	IF	Citations
20	User behaviour models to forecast electricity consumption of residential customers based on smart metering data. *Energy Reports*, **2022**, 8, 3680-3691	4.6	2
19	Data-Driven Virtual Replication of Thermostatically Controlled Domestic Heating Systems. *Energies*, **2021**, 14, 5430	3.1	1
18	Operation and energy flexibility evaluation of direct load controlled buildings equipped with heat pumps. *Energy and Buildings*, **2021**, 253, 111484	7	1
17	Baseline Energy Use Modeling and Characterization in Tertiary Buildings Using an Interpretable Bayesian Linear Regression Methodology. *Energies*, **2021**, 14, 5556	3.1	1
16	A data-driven method for unsupervised electricity consumption characterisation at the district level and beyond. *Energy Reports*, **2021**, 7, 5667-5684	4.6	2
15	A data-driven methodology for enhanced measurement and verification of energy efficiency savings in commercial buildings. *Applied Energy*, **2021**, 301, 117502	10.7	6
14	A review of deterministic and data-driven methods to quantify energy efficiency savings and to predict retrofitting scenarios in buildings. *Renewable and Sustainable Energy Reviews*, **2020**, 131, 110027	16.2	29
13	Assessing the nearly zero-energy building gap in university campuses with a feature extraction methodology applied to a case study in Spain. *International Journal of Energy and Environmental Engineering*, **2018**, 9, 227-247	4	8
12	EMPOWERING, a Smart Big Data Framework for Sustainable Electricity Suppliers. *IEEE Access*, **2018**, 6, 71132-71142	3.5	4
11	Developing indicators to improve energy action plans in municipalities: An accounting framework based on the fund-flow model. *Sustainable Cities and Society*, **2017**, 32, 263-276	10.1	13
10	Comparing time-series clustering approaches for individual electrical load patterns. *CIRED - Open Access Proceedings Journal*, **2017**, 2017, 2165-2168	0.1	1
9	Using matrix factorisation for the prediction of electrical quantities. *CIRED - Open Access Proceedings Journal*, **2017**, 2017, 2568-2571	0.1	0
8	Hidden Markov Models for indirect classification of occupant behaviour. *Sustainable Cities and Society*, **2016**, 27, 83-98	10.1	20
7	Development of a dynamic model for natural ventilated photovoltaic components and of a data driven approach to validate and identify the model parameters. *Solar Energy*, **2016**, 129, 310-331	6.8	5
6	Evaluation of a multi-stage guided search approach for the calibration of building energy simulation models. *Energy and Buildings*, **2015**, 87, 370-385	7	32
5	Approaches to evaluate building energy performance from daily consumption data considering dynamic and solar gain effects. *Energy and Buildings*, **2013**, 57, 110-118	7	38
4	Numerical analysis of the most appropriate heat transfer correlations for free ventilated double skin photovoltaic façades. *Applied Thermal Engineering*, **2013**, 57, 57-68	5.8	18

List of Publications

3	An outdoor Test Reference Environment for double skin applications of Building Integrated PhotoVoltaic Systems. *Energy and Buildings*, **2012**, 50, 63-73	7	24
2	Modelling the heat dynamics of a monitored Test Reference Environment for Building Integrated Photovoltaic systems using stochastic differential equations. *Energy and Buildings*, **2012**, 50, 273-281	7	17
1	Monitoring and modelling energy efficiency of municipal public buildings: case study in Catalonia region. *International Journal of Sustainable Energy*, **2009**, 28, 3-18	2.7	6