

Humberto Jorge

List of Publications by Year in descending order

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36
papers

864
citations

758635

12
h-index

887659

17
g-index

36
all docs

36
docs citations

36
times ranked

1039
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustainability in university campus: options for achieving nearly zero energy goals. International Journal of Sustainability in Higher Education, 2018, 19, 790-816.	1.6	42
2	Energy management systems aggregators: A literature survey. Renewable and Sustainable Energy Reviews, 2017, 73, 1160-1172.	8.2	128
3	Assessing the robustness of solutions to a multi-objective model of an energy management system aggregator. , 2016, , .		1
4	An approach to optimised control of HVAC systems in indoor swimming pools. International Journal of Sustainable Energy, 2016, 35, 378-395.	1.3	12
5	Integration of the Electric Vehicle as a Manageable Load in a Residential Energy Management System. , 2015, , .		5
6	Multi-objective optimization using NSGA-II for power distribution system reconfiguration. International Transactions on Electrical Energy Systems, 2015, 25, 38-53.	1.2	24
7	Short-term load forecasting based on support vector regression and load profiling. International Journal of Energy Research, 2014, 38, 350-362.	2.2	44
8	A Simulated Annealing Approach for Optimal Power Source Management in a Small EV. IEEE Transactions on Sustainable Energy, 2013, 4, 867-876.	5.9	53
9	World-wide non-mandatory involvement of electricity utilities in the promotion of energy efficiency and the Portuguese experience. Renewable and Sustainable Energy Reviews, 2013, 22, 319-331.	8.2	3
10	Dealing with the paradox of energy efficiency promotion by electric utilities. Energy, 2013, 57, 251-258.	4.5	27
11	Loss and reliability optimization for power distribution system operation. Electric Power Systems Research, 2013, 96, 177-184.	2.1	31
12	A multi-level energy management system for multi-source electric vehicles “ An integrated rule-based meta-heuristic approach. Applied Energy, 2013, 105, 304-318.	5.1	252
13	Power adjustable electric vehicle charger under Energy Box purpose. , 2013, , .		2
14	An integrated fuzzy logic energy management for a dual-source electric vehicle. , 2013, , .		10
15	Application of a decoupling method based on online filtering technique for multi-source electric vehicles. , 2013, , .		5
16	A unified energy management strategy for a dual-source electric vehicle. , 2013, , .		3
17	An automated energy management system in a smart grid context. , 2012, , .		7
18	Societal objectives as drivers in the search for criteria weights when ranking energy efficiency measures. Energy Policy, 2012, 48, 562-575.	4.2	2

#	ARTICLE	IF	CITATIONS
19	Assessing the relevance of load profiling information in electrical load forecasting based on neural network models. International Journal of Electrical Power and Energy Systems, 2012, 40, 85-93.	3.3	38
20	A systematic approach to analyse the harmonic distortion in industry. , 2011, , .		1
21	Electric vehicles chargers characterization: Load demand and harmonic distortion. , 2011, , .		15
22	Study of inductor effects in a bidirectional DC-DC converter for electrical vehicle. , 2010, , .		4
23	Deriving loss profiles for market purposes. , 2010, , .		1
24	Analysis of operation modes for a neighborhood electric vehicle with power sources hybridization. , 2010, , .		7
25	Design Methodology of Energy Storage Systems for a Small Electric Vehicle. World Electric Vehicle Journal, 2009, 3, 670-681.	1.6	15
26	Load forecasting based on neural networks and load profiling. , 2009, , .		4
27	Network reconfiguration using a genetic approach for loss and reliability optimization in distribution systems. , 2009, , .		5
28	Network reconfiguration to improve reliability and efficiency in distribution systems. , 2009, , .		9
29	Simulation model and road tests comparative results of a small urban electric vehicle. , 2009, , .		32
30	Short-term load forecasting using information obtained from low voltage load profiles. , 2009, , .		5
31	Stability analysis of efficient solutions in multiobjective integer programming: A case study in load management. Computers and Operations Research, 2008, 35, 186-197.	2.4	4
32	A web-based monitoring approach for power systems in industrial plants. , 2008, , .		3
33	A PLC/PC Web Supervised Building Energy Management System. , 2005, , .		3
34	A multiple objective decision support model for the selection of remote load control strategies. IEEE Transactions on Power Systems, 2000, 15, 865-872.	4.6	49
35	Maximum demand control: a survey and comparative evaluation of different methods. IEEE Transactions on Power Systems, 1993, 8, 1013-1019.	4.6	8
36	A PC-based simulation package for supporting end-user demand side energy management strategies. IEEE Transactions on Power Systems, 1991, 6, 897-903.	4.6	10