

Humberto Jorge

List of Publications by Year in descending order

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Version: 2024-02-01

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 | A multi-level energy management system for multi-source electric vehicles – An integrated rule-based meta-heuristic approach. <i>Applied Energy</i> , 2013, 105, 304-318. | 5.1 | 252 |
| 2 | Energy management systems aggregators: A literature survey. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 73, 1160-1172. | 8.2 | 128 |
| 3 | A Simulated Annealing Approach for Optimal Power Source Management in a Small EV. <i>IEEE Transactions on Sustainable Energy</i> , 2013, 4, 867-876. | 5.9 | 53 |
| 4 | A multiple objective decision support model for the selection of remote load control strategies. <i>IEEE Transactions on Power Systems</i> , 2000, 15, 865-872. | 4.6 | 49 |
| 5 | Short-term load forecasting based on support vector regression and load profiling. <i>International Journal of Energy Research</i> , 2014, 38, 350-362. | 2.2 | 44 |
| 6 | Sustainability in university campus: options for achieving nearly zero energy goals. <i>International Journal of Sustainability in Higher Education</i> , 2018, 19, 790-816. | 1.6 | 42 |
| 7 | Assessing the relevance of load profiling information in electrical load forecasting based on neural network models. <i>International Journal of Electrical Power and Energy Systems</i> , 2012, 40, 85-93. | 3.3 | 38 |
| 8 | Simulation model and road tests comparative results of a small urban electric vehicle. , 2009, , . | | 32 |
| 9 | Loss and reliability optimization for power distribution system operation. <i>Electric Power Systems Research</i> , 2013, 96, 177-184. | 2.1 | 31 |
| 10 | Dealing with the paradox of energy efficiency promotion by electric utilities. <i>Energy</i> , 2013, 57, 251-258. | 4.5 | 27 |
| 11 | Multi-objective optimization using NSGA-II for power distribution system reconfiguration. <i>International Transactions on Electrical Energy Systems</i> , 2015, 25, 38-53. | 1.2 | 24 |
| 12 | Design Methodology of Energy Storage Systems for a Small Electric Vehicle. <i>World Electric Vehicle Journal</i> , 2009, 3, 670-681. | 1.6 | 15 |
| 13 | Electric vehicles chargers characterization: Load demand and harmonic distortion. , 2011, , . | | 15 |
| 14 | An approach to optimised control of HVAC systems in indoor swimming pools. <i>International Journal of Sustainable Energy</i> , 2016, 35, 378-395. | 1.3 | 12 |
| 15 | A PC-based simulation package for supporting end-user demand side energy management strategies. <i>IEEE Transactions on Power Systems</i> , 1991, 6, 897-903. | 4.6 | 10 |
| 16 | An integrated fuzzy logic energy management for a dual-source electric vehicle. , 2013, , . | | 10 |
| 17 | Network reconfiguration to improve reliability and efficiency in distribution systems. , 2009, , . | | 9 |
| 18 | Maximum demand control: a survey and comparative evaluation of different methods. <i>IEEE Transactions on Power Systems</i> , 1993, 8, 1013-1019. | 4.6 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Analysis of operation modes for a neighborhood electric vehicle with power sources hybridization. , 2010, , . | | 7 |
| 20 | An automated energy management system in a smart grid context. , 2012, , . | | 7 |
| 21 | Network reconfiguration using a genetic approach for loss and reliability optimization in distribution systems. , 2009, , . | | 5 |
| 22 | Short-term load forecasting using information obtained from low voltage load profiles. , 2009, , . | | 5 |
| 23 | Application of a decoupling method based on online filtering technique for multi-source electric vehicles. , 2013, , . | | 5 |
| 24 | Integration of the Electric Vehicle as a Manageable Load in a Residential Energy Management System. , 2015, , . | | 5 |
| 25 | 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 |
| 26 | Load forecasting based on neural networks and load profiling. , 2009, , . | | 4 |
| 27 | Study of inductor effects in a bidirectional DC-DC converter for electrical vehicle. , 2010, , . | | 4 |
| 28 | A PLC/PC Web Supervised Building Energy Management System. , 2005, , . | | 3 |
| 29 | A web-based monitoring approach for power systems in industrial plants. , 2008, , . | | 3 |
| 30 | 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 |
| 31 | A unified energy management strategy for a dual-source electric vehicle. , 2013, , . | | 3 |
| 32 | Societal objectives as drivers in the search for criteria weights when ranking energy efficiency measures. Energy Policy, 2012, 48, 562-575. | 4.2 | 2 |
| 33 | Power adjustable electric vehicle charger under Energy Box purpose. , 2013, , . | | 2 |
| 34 | Deriving loss profiles for market purposes. , 2010, , . | | 1 |
| 35 | A systematic approach to analyse the harmonic distortion in industry. , 2011, , . | | 1 |
| 36 | Assessing the robustness of solutions to a multi-objective model of an energy management system aggregator. , 2016, , . | | 1 |