

Pedro Martin Sanchez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8714807/publications.pdf>

Version: 2024-02-01

17
papers

259
citations

1163117

8
h-index

1125743

13
g-index

17
all docs

17
docs citations

17
times ranked

337
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Turning Base Transceiver Stations into Scalable and Controllable DC Microgrids Based on a Smart Sensing Strategy. <i>Sensors</i> , 2021, 21, 1202. | 3.8 | 6 |
| 2 | Intra-Day Solar Power Forecasting Strategy for Managing Virtual Power Plants. <i>Sensors</i> , 2021, 21, 5648. | 3.8 | 8 |
| 3 | A Day-Ahead Irradiance Forecasting Strategy for the Integration of Photovoltaic Systems in Virtual Power Plants. <i>IEEE Access</i> , 2020, 8, 204226-204240. | 4.2 | 14 |
| 4 | Addressing Challenges in Prosumer-Based Microgrids With Blockchain and an IEC 61850-Based Communication Scheme. <i>IEEE Access</i> , 2020, 8, 201806-201822. | 4.2 | 11 |
| 5 | An Experimental Strategy for Characterizing Inductive Electromagnetic Energy Harvesters. <i>Sensors</i> , 2020, 20, 647. | 3.8 | 4 |
| 6 | A Hybrid Approach to Short-Term Load Forecasting Aimed at Bad Data Detection in Secondary Substation Monitoring Equipment. <i>Sensors</i> , 2018, 18, 3947. | 3.8 | 11 |
| 7 | A Neural Network-Based Dynamic Cost Function for the Implementation of a Predictive Current Controller. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 2946-2955. | 11.3 | 71 |
| 8 | Design of a Sensor System for On-Line Monitoring of Contact Pressure in Chalcographic Printing. <i>Sensors</i> , 2017, 17, 2029. | 3.8 | 1 |
| 9 | Load forecasting via detrending and deseasoning. , 2017, , . | | 0 |
| 10 | A New Approach to Detection of Systematic Errors in Secondary Substation Monitoring Equipment Based on Short Term Load Forecasting. <i>Sensors</i> , 2016, 16, 85. | 3.8 | 5 |
| 11 | FPGA-Based Implementation of a Predictive Current Controller for Power Converters. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 1312-1321. | 11.3 | 61 |
| 12 | Design Space Exploration for the Implementation of a Predictive Current Controller Based on FPGA. , 2012, , . | | 1 |
| 13 | A methodology for optimizing the FPGA implementation of industrial control systems. , 2009, , . | | 10 |
| 14 | Remote Laboratory for Experimentation With Multilevel Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2009, 56, 2450-2463. | 7.9 | 13 |
| 15 | Guidance of a mobile robot using an array of static cameras located in the environment. <i>Autonomous Robots</i> , 2007, 23, 305-324. | 4.8 | 42 |
| 16 | Using co-design techniques to increase the reliability of the Electronic control system for a Multilevel Power Converter. <i>Industrial Electronics Society (IECON)</i> , Annual Conference of IEEE, 2006, , . | 0.0 | 1 |
| 17 | Fault-Tolerant Communication System to Improve Safety in Railway Environments. <i>Lecture Notes in Computer Science</i> , 2003, , 263-274. | 1.3 | 0 |