# Enrique Reyes-Archundia

List of Publications by Year
in descending order

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|---|---|---|---|
| 27<br>papers | 258<br>citations | 1162367<br>8<br>h-index | 996533<br>15<br>g-index |
| 29<br>all docs | 29<br>docs citations | 29<br>times ranked | 264<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Towards Cybersecurity of the Smart Grid Using Digital Twins. IEEE Internet Computing, 2022, 26, 52-57. | 3.2 | 12 |
| 2 | A METHODOLOGY FOR CYBER HYGIENE IN SMART GRIDS. Dyna (Spain), 2022, 97, 92-97. | 0.1 | 0 |
| 3 | A transactive energy model for smart metering systems using blockchain. CSEE Journal of Power and Energy Systems, 2021, , . | 1.7 | 8 |
| 4 | Impact of TCSC on Directionality of Traveling Waves to Locate Faults in Transmission Lines. IEEE Latin America Transactions, 2021, 19, 147-154. | 1.2 | 4 |
| 5 | Smart metering system data analytics platform using multicore edge computing. International Journal of Reconfigurable and Embedded Systems (IJRES), 2021, 10, 11. | 0.3 | 3 |
| 6 | A Sample Size Statistical Analysis and Its Impact on Decarburization Measurements Metrics. Jom, 2021, 73, 2031-2038. | 0.9 | 2 |
| 7 | Forecasting Electricity Consumption Using Weather Data in an Edge-Fog-Cloud Data Analytics Architecture. Lecture Notes in Networks and Systems, 2021, , 410-419. | 0.5 | 2 |
| 8 | A multi-tier architecture for data analytics in smart metering systems. Simulation Modelling Practice and Theory, 2020, 102, 102024. | 2.2 | 15 |
| 9 | A Novel Multitier Blockchain Architecture to Protect Data in Smart Metering Systems. IEEE Transactions on Engineering Management, 2020, 67, 1271-1284. | 2.4 | 19 |
| 10 | Experimental Study of Electrical Properties of Pharmaceutical Materials by Electrical Impedance Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 6576. | 1.3 | 7 |
| 11 | Improvement of forecasting and classification in smart metering systems using a neural compute stick. , 2020, , . | | 0 |
| 12 | Detection and Feature Extraction of Single Power Quality Disturbances Based on Discrete Wavelet Transform, Energy Distribution and RMS Extraction Methods. , 2020, , . | | 0 |
| 13 | Towards human-computer interaction on smart metering systems. Avances En Interacción Humano Computadora, 2020, , 90. | 0.1 | 1 |
| 14 | Fault analysis in TCSC-compensated lines using wavelets and a PNN. Neural Computing and Applications, 2018, 30, 891-904. | 3.2 | 9 |
| 15 | A Comparative Assessment of Blockchains in Embedded Systems. , 2018, , . | | 2 |
| 16 | An experimental study of Electrical Impedance Spectroscopy analysis of conductive liquids. , 2018, , . | | 0 |
| 17 | Overview and comparative study of two control strategies used in 3-phase grid-connected inverters for renewable systems. Renewable Energy Focus, 2017, 19-20, 75-89. | 2.2 | 9 |
| 18 | DSP-based arrhythmia classification using wavelet transform and probabilistic neural network. Biomedical Signal Processing and Control, 2017, 32, 44-56. | 3.5 | 91 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Synchronization algorithms for grid-connected renewable systems: Overview, tests and comparative analysis. Renewable and Sustainable Energy Reviews, 2017, 75, 629-643. | 8.2 | 24 |
| 20 | Algorithm based on microntroller for high speed protection in compensated transmission line. , 2016, , . | | 2 |
| 21 | Following the path towards intelligently connected devices for on-line, real-time cardiac arrhythmia detection and classification. , 2016, , . | | 2 |
| 22 | Fault Detection and Localization in Transmission Lines with a Static Synchronous Series Compensator. Advances in Electrical and Computer Engineering, 2015, 15, 17-22. | 0.5 | 14 |
| 23 | An algorithm based on traveling waves for transmission line protection in a TCSC environment. International Journal of Electrical Power and Energy Systems, 2014, 60, 367-377. | 3.3 | 19 |
| 24 | Fault Detection in Electrical Grid on Power Electronic Controllers Environment Based on Wavelet Transform. , 2010, , . | | 4 |
| 25 | Analysis of the effects of a high power electronics controller on electrical Grids during faulted and post-faulted conditions using wavelets. , 2010, , . | | 3 |
| 26 | Discrete Wavelet Transform Application to the Protection of Electrical Power System: A Solution Approach for Detecting and Locating Faults in FACTS Environment. , 0, , . | | 1 |
| 27 | Improving Selectivity on High-Temperature Decarburization Depth Measurements using an Image Segmentation Method. Oxidation of Metals, 0, , . | 1.0 | 1 |