# Papia Ray

List of Publications by Year
in descending order

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|---|---|---|---|
| 38<br>papers | 497<br>citations | 1163117<br>8<br>h-index | 752698<br>20<br>g-index |
| 40<br>all docs | 40<br>docs citations | 40<br>times ranked | 346<br>citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Two accurate hybrid islanding detection schemes for distribution network. Journal of Intelligent and Fuzzy Systems, 2022, 42, 755-766. | 1.4 | 3 |
| 2 | An intelligent approach towards very short-term load forecasting. International Journal of Emerging Electric Power Systems, 2022, 23, 59-72. | 0.8 | 1 |
| 3 | Analysis and evaluation of two short-term load forecasting techniques. International Journal of Emerging Electric Power Systems, 2022, 23, 183-196. | 0.8 | 8 |
| 4 | Comparison between flexible AC transmission systems (FACTs) and filters regarding renewable energy systems harmonics mitigation. International Journal of Emerging Electric Power Systems, 2022, 23, 211-220. | 0.8 | 4 |
| 5 | Dual model representation of solar photovoltaic cell. International Journal of Emerging Electric Power Systems, 2022, 23, 381-389. | 0.8 | 1 |
| 6 | An Effect of Machine Learning Techniques in Electrical Load forecasting and Optimization of Renewable Energy Sources. Journal of the Institution of Engineers (India): Series B, 2022, 103, 721-736. | 1.9 | 5 |
| 7 | Hybrid Artificial Intelligence Technique Based Fault Location in a Long Transmission Line. Lecture Notes in Electrical Engineering, 2022, , 487-505. | 0.4 | 3 |
| 8 | Various dimension reduction techniques for high dimensional data analysis: a review. Artificial Intelligence Review, 2021, 54, 3473-3515. | 15.7 | 77 |
| 9 | Short Term Load Forecasting using Metaheuristic Techniques. IOP Conference Series: Materials Science and Engineering, 2021, 1033, 012016. | 0.6 | 8 |
| 10 | Enhancing fault detection function in wind farm-integrated power network using Teaching Learning-Based Optimization technique. International Transactions on Electrical Energy Systems, 2020, 31, e12735. | 1.9 | 4 |
| 11 | A Novel Approach Towards Static Inverter Circuit Design. , 2020, , . | | 0 |
| 12 | Smart branch and droop controller based power quality improvement in microgrids. International Journal of Emerging Electric Power Systems, 2020, 21, . | 0.8 | 9 |
| 13 | Frequency mode identification using modified masking signal-based empirical mode decomposition. IET Generation, Transmission and Distribution, 2019, 13, 1266-1276. | 2.5 | 8 |
| 14 | A Wavelet Neural Network Model for Hourly Solar Radiation Forecasting from Daily Solar Radiation. , 2019, , . | | 2 |
| 15 | An Intelligent Approach to Detect Epileptic Seizure. , 2019, , . | | 1 |
| 16 | Hybrid technique for analysis of the faults in an underground cable. , 2019, , . | | 0 |
| 17 | A comprehensive review on soft computing and signal processing techniques in feature extraction and classification of power quality problems. Journal of Renewable and Sustainable Energy, 2018, 10, . | 2.0 | 16 |
| 18 | Fault detection, location and classification of a transmission line. Neural Computing and Applications, 2018, 30, 1377-1424. | 5.6 | 78 |

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|---|---------|-----|-----------|
| 19 | Reduced Switch Technique for Solar PV System Based Multilevel Inverter for PQ Improvement. International Journal of Emerging Electric Power Systems, 2018, 19, . | 0.8 | 2 |
| 20 | Intelligence Scheme for Fault Location in a Combined Overhead Transmission Line & Underground Cable. International Journal of Emerging Electric Power Systems, 2018, 19, . | 0.8 | 5 |
| 21 | Power system low frequency oscillation mode estimation using wide area measurement systems. Engineering Science and Technology, an International Journal, 2017, 20, 598-615. | 3.2 | 21 |
| 22 | Electric Load Forecasts by Metaheuristic Based Back Propagation Approach. Journal of Green Engineering (discontinued), 2017, 7, 61-82. | 0.7 | 4 |
| 23 | Low Frequency Mode Estimation of a Dynamic Power System by Noise Assisted Empirical Mode Decomposition. , 2017, , . | | 2 |
| 24 | A modified noise assisted EMD to extract low-frequency modes present in a WAMS data of dynamic power system. , 2017, , . | | 2 |
| 25 | Fault classification of a long transmission line using nearest neighbor algorithm and boolean indicators. , 2016, , . | | 3 |
| 26 | A reduced MF-based self-tuned robust neuro-fuzzy control of a decoupling linearized IM drive. , 2016, , . | | 2 |
| 27 | Location of the Fault in TCSC-based Transmission Line Using SVR. , 2016, , . | | 2 |
| 28 | Hybrid Technique for Underground Cable to Locate the Fault. , 2016, , . | | 4 |
| 29 | Support vector machine based fault classification and location of a long transmission line. Engineering Science and Technology, an International Journal, 2016, 19, 1368-1380. | 3.2 | 99 |
| 30 | Application of extreme learning machine for underground cable fault location. International Transactions on Electrical Energy Systems, 2015, 25, 3227-3247. | 1.9 | 19 |
| 31 | Hybrid methodology for short-term load forecasting. , 2014, , . | | 12 |
| 32 | Artificial Intelligence Based Fault Location in a Distribution System. , 2014, , . | | 19 |
| 33 | Fast and accurate fault location by extreme learning machine in a series compensated transmission line. , 2014, , . | | 3 |
| 34 | Hybrid methodology for fault distance estimation in series compensated transmission line. IET Generation, Transmission and Distribution, 2013, 7, 431-439. | 2.5 | 40 |
| 35 | Extreme learning machine based fault classification in a series compensated transmission line. , 2012, , . | | 13 |
| 36 | An AI approach for fault distance estimation in series compensated transmission line. , 2011, , . | | 3 |

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|---|---------|----|-----------| 
| 37 | A computational intelligence approach for fault location in transmission lines. , 2010, , . | | 10 |
| 38 | A Review on Energy Forecasting Algorithms Crucial for Energy Industry Development and Policy Design. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-24. | 2.3 | 3 |