# Ramesh Babu N

List of Publications by Year
in descending order

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| 37 | 1,289 | 567281 15 | 477307 29 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 38 | 38 | 38 | 1154 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Efficient anonymous authentication scheme for automatic dependent surveillanceâ€broadcast system with batch verification. IET Communications, 2021, 15, 1187-1197. | 2.2 | 19 |
| 2 | Influence of Geometrical Changes in an Adiabatic Portion on the Heat Transfer Performance of a Two-Phase Closed Thermosiphon System. Energies, 2021, 14, 3070. | 3.1 | 4 |
| 3 | Implementation of Different MPPT Techniques in Solar PV Tree under Partial Shading Conditions. Sustainability, 2021, 13, 7208. | 3.2 | 7 |
| 4 | EPAW: Efficient Privacy Preserving Anonymous Mutual Authentication Scheme for Wireless Body Area Networks (WBANs). IEEE Access, 2020, 8, 48576-48586. | 4.2 | 54 |
| 5 | Power Electronic Converter Configurations Integration with Hybrid Energy Sources â€“ A Comprehensive Review for State-of the-Art in Research. Electric Power Components and Systems, 2019, 47, 1623-1650. | 1.8 | 17 |
| 6 | Artificial neural network-based control strategies for PMSG-based grid connected wind energy conversion system. International Journal of Materials and Product Technology, 2019, 58, 323. | 0.2 | 6 |
| 7 | A Study of DCâ€“DC Converters with MPPT for Standalone Solar Water-Pumping System. Advances in Intelligent Systems and Computing, 2019, , 373-381. | 0.6 | 3 |
| 8 | Fuzzy Logic-Based Pitch Angle Controller for PMSG-Based Wind Energy Conversion System. Lecture Notes in Electrical Engineering, 2018, , 277-286. | 0.4 | 8 |
| 9 | Comparison Between PI Controller and Fuzzy Logic-Based Control Strategies for Harmonic Reduction in Grid-Integrated Wind Energy Conversion System. Lecture Notes in Electrical Engineering, 2018, , 297-306. | 0.4 | 4 |
| 10 | A Review on Grid Codes and Reactive Power Management in Power Grids with WECS. Lecture Notes in Electrical Engineering, 2018, , 525-539. | 0.4 | 3 |
| 11 | Design and Development of Single Switch High Step-Up DCâ€“DC Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 855-863. | 5.4 | 87 |
| 12 | Comparative Analysis of DC/DC Converters with MPPT Techniques Based PV System. Lecture Notes in Electrical Engineering, 2018, , 275-284. | 0.4 | 2 |
| 13 | High Response Photon-Counting for Phase Fraction Measurement Using Compact-RIO with FPGA. Lecture Notes in Electrical Engineering, 2018, , 133-137. | 0.4 | 0 |
| 14 | Coordinated MPPT and DPC Strategies for PMSG based Grid Connected Wind Energy Conversion System. Energy Procedia, 2018, 145, 339-344. | 1.8 | 10 |
| 15 | Analysis of MISO Super Lift Negative Output Luo Converter with MPPT for DC Grid Connected Hybrid PV/Wind System. Energy Procedia, 2018, 145, 345-350. | 1.8 | 10 |
| 16 | Neural Network Based Maximum Power Point Tracking Control with Quadratic Boost Converter for PMSGâ€"Wind Energy Conversion System. Electronics (Switzerland), 2018, 7, 20. | 3.1 | 43 |
| 17 | Fault classification in power systems using EMD and SVM. Ain Shams Engineering Journal, 2017, 8, 103-111. | 6.1 | 89 |
| 18 | A modified high step-up non-isolated DC-DC converter for PV application. Journal of Applied Research and Technology, 2017, 15, 242-249. | 0.9 | 50 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Analysis and implementation of high step-up DC-DC converter for PV based grid application. Applied Energy, 2017, 190, 64-72. | 10.1 | 61 |
| 20 | Coordinated DTC and VOC control for PMSG based grid connected wind energy conversion system. , 2017, , . | | 4 |
| 21 | Design and Analysis of RBFN-Based Single MPPT Controller for Hybrid Solar and Wind Energy System. IEEE Access, 2017, 5, 15308-15317. | 4.2 | 70 |
| 22 | Analysis of integrated Boost-Cuk high voltage gain DC-DC converter with RBFN MPPT for solar PV application. , 2017, , . | | 7 |
| 23 | Analysis of high voltage-gain hybrid DC-DC power converter with RBFN based MPPT for renewable photovoltaic applications. , 2017, , . | | 6 |
| 24 | RBFN based maximum power point strategy with SEPIC converter for standalone PMSG based wind energy conversion system. , 2017, , . | | 2 |
| 25 | Enhancement of power system performance with SVC-DFIG in 140 â€" bus system. , 2017, , . | | 2 |
| 26 | Coordinated Control Strategies for a Permanent Magnet Synchronous Generator Based Wind Energy Conversion System. Energies, 2017, 10, 1493. | 3.1 | 28 |
| 27 | Non-Isolated DC-DC Converter for Renewable Based Grid Application. Energy Procedia, 2016, 103, 310-315. | 1.8 | 6 |
| 28 | Fuzzy Logic Based MPPT for Permanent Magnet Synchronous Generator in wind Energy Conversion System. IFAC-PapersOnLine, 2016, 49, 462-467. | 0.9 | 75 |
| 29 | Recent developments of control strategies for wind energy conversion system. Renewable and Sustainable Energy Reviews, 2016, 66, 268-285. | 16.4 | 141 |
| 30 | Design and development of a high step-up DC-DC Converter for non-conventional energy applications. , 2016, , . | | 5 |
| 31 | RBFN based MPPT algorithm for PV system with high step up converter. Energy Conversion and Management, 2016, 122, 239-251. | 9.2 | 102 |
| 32 | Maximum power point tracking algorithms for photovoltaic system â€" A review. Renewable and Sustainable Energy Reviews, 2016, 57, 192-204. | 16.4 | 262 |
| 33 | Comparison of ANFIS and ARIMA Model for Weather forecasting. Indian Journal of Science and Technology, 2015, 8, 70. | 0.7 | 8 |
| 34 | Performance analysis of boost & Cuk converter in MPPT based PV system. , 2015, , . | | 23 |
| 35 | Speech recognition using MFCC and DTW. , 2014, , . | | 28 |
| 36 | Dynamic Neural Network Based Very Short-Term Wind Speed Forecasting. Wind Engineering, 2014, 38, 121-128. | 1.9 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Improving Forecast Accuracy of Wind Speed Using Wavelet Transform and Neural Networks. Journal of Electrical Engineering and Technology, 2013, 8, 559-564. | 2.0 | 31 |