

Edris Pouresmaeil

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144
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2,431
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27
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45
g-index

166
ext. papers

3,090
ext. citations

4.2
avg, IF

5.71
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 144 | Distributed energy resources and benefits to the environment. <i>Renewable and Sustainable Energy Reviews</i> , 2010 , 14, 724-734 | 16.2 | 359 |
| 143 | Smart transactive energy framework in grid-connected multiple home microgrids under independent and coalition operations. <i>Renewable Energy</i> , 2018 , 126, 95-106 | 8.1 | 153 |
| 142 | CVaR-based energy management scheme for optimal resilience and operational cost in commercial building microgrids. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 100, 1-9 | 5.1 | 115 |
| 141 | A two stage hierarchical control approach for the optimal energy management in commercial building microgrids based on local wind power and PEVs. <i>Sustainable Cities and Society</i> , 2018 , 41, 332-340 | 10.1 | 90 |
| 140 | Framework for smart transactive energy in home-microgrids considering coalition formation and demand side management. <i>Sustainable Cities and Society</i> , 2018 , 40, 136-154 | 10.1 | 69 |
| 139 | Dynamic Model, Control and Stability Analysis of MMC in HVDC Transmission Systems. <i>IEEE Transactions on Power Delivery</i> , 2017 , 32, 1471-1482 | 4.3 | 65 |
| 138 | A Novel Step-Up Single Source Multilevel Inverter: Topology, Operating Principle, and Modulation. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 3269-3282 | 7.2 | 64 |
| 137 | Model Predictive Control Home Energy Management and Optimization Strategy with Demand Response. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 408 | 2.6 | 57 |
| 136 | Control Scheme of Three-Level NPC Inverter for Integration of Renewable Energy Resources Into AC Grid. <i>IEEE Systems Journal</i> , 2012 , 6, 242-253 | 4.3 | 55 |
| 135 | A control plan for the stable operation of microgrids during grid-connected and islanded modes. <i>Electric Power Systems Research</i> , 2015 , 129, 10-22 | 3.5 | 51 |
| 134 | Control technique for enhancing the stable operation of distributed generation units within a microgrid. <i>Energy Conversion and Management</i> , 2015 , 97, 362-373 | 10.6 | 48 |
| 133 | Multilevel converters control for renewable energy integration to the power grid. <i>Energy</i> , 2011 , 36, 950-963 | 7.9 | 48 |
| 132 | A Multifunction Control Strategy for the Stable Operation of DG Units in Smart Grids. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 598-607 | 10.7 | 42 |
| 131 | Integration of Large Scale PV-Based Generation into Power Systems: A Survey. <i>Energies</i> , 2019 , 12, 1425 | 3.1 | 39 |
| 130 | A Control Technique for Integration of DG Units to the Electrical Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 2881-2893 | 8.9 | 39 |
| 129 | Multilevel converter control approach of active power filter for harmonics elimination in electric grids. <i>Energy</i> , 2015 , 84, 722-731 | 7.9 | 38 |
| 128 | Passivity-based control technique for integration of DG resources into the power grid. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 58, 281-290 | 5.1 | 37 |

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|-----|--|------|----|
| 127 | A multi-objective control strategy for grid connection of DG (distributed generation) resources. <i>Energy</i> , 2010 , 35, 5022-5030 | 7.9 | 37 |
| 126 | Smart Residential Load Simulator for Energy Management in Smart Grids. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 1443-1452 | 8.9 | 37 |
| 125 | A multi-loop control technique for the stable operation of modular multilevel converters in HVDC transmission systems. <i>International Journal of Electrical Power and Energy Systems</i> , 2018 , 96, 194-207 | 5.1 | 35 |
| 124 | Domestic appliances energy optimization with model predictive control. <i>Energy Conversion and Management</i> , 2017 , 142, 402-413 | 10.6 | 31 |
| 123 | A Hybrid Evolutionary-Based MPPT for Photovoltaic Systems Under Partial Shading Conditions. <i>IEEE Access</i> , 2020 , 8, 38481-38492 | 3.5 | 31 |
| 122 | Novel Control Strategy for Modular Multilevel Converters Based on Differential Flatness Theory. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2018 , 6, 888-897 | 5.6 | 30 |
| 121 | A Centralized Smart Decision-Making Hierarchical Interactive Architecture for Multiple Home Microgrids in Retail Electricity Market. <i>Energies</i> , 2018 , 11, 3144 | 3.1 | 30 |
| 120 | Control technique for the operation of grid-tied converters with high penetration of renewable energy resources. <i>Electric Power Systems Research</i> , 2019 , 166, 18-28 | 3.5 | 29 |
| 119 | Load-frequency control in a multi-source power system connected to wind farms through multi terminal HVDC systems. <i>Computers and Operations Research</i> , 2018 , 96, 305-315 | 4.6 | 27 |
| 118 | Direct Lyapunov Control Technique for the Stable Operation of Multilevel Converter-Based Distributed Generation in Power Grid. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2014 , 2, 931-941 | 5.6 | 27 |
| 117 | Investment Incentives in Competitive Electricity Markets. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 1978 | 2.6 | 27 |
| 116 | A control strategy for the stable operation of shunt active power filters in power grids. <i>Energy</i> , 2016 , 96, 325-334 | 7.9 | 26 |
| 115 | Long-Term Decision on Wind Investment with Considering Different Load Ranges of Power Plant for Sustainable Electricity Energy Market. <i>Sustainability</i> , 2018 , 10, 3811 | 3.6 | 24 |
| 114 | Optimal residential model predictive control energy management performance with PV microgeneration. <i>Computers and Operations Research</i> , 2018 , 96, 143-156 | 4.6 | 23 |
| 113 | Function-based modulation control for modular multilevel converters under varying loading and parameters conditions. <i>IET Generation, Transmission and Distribution</i> , 2017 , 11, 3222-3230 | 2.5 | 23 |
| 112 | Instantaneous active and reactive current control technique of shunt active power filter based on the three-level NPC inverter. <i>European Transactions on Electrical Power</i> , 2011 , 21, 2007-2022 | | 23 |
| 111 | Active and reactive power ripple minimization in direct power control of matrix converter-fed DFIG. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 63, 600-608 | 5.1 | 22 |
| 110 | . <i>IEEE Systems Journal</i> , 2020 , 14, 813-823 | 4.3 | 17 |

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|-----|--|------|----|
| 109 | A Compound Current Limiter and Circuit Breaker. <i>Electronics (Switzerland)</i> , 2019 , 8, 551 | 2.6 | 16 |
| 108 | A Novel Modulation Function-Based Control of Modular Multilevel Converters for High Voltage Direct Current Transmission Systems. <i>Energies</i> , 2016 , 9, 867 | 3.1 | 16 |
| 107 | Circuit Configuration and Modulation of a Seven-Level Switched-Capacitor Inverter. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 7087-7096 | 7.2 | 15 |
| 106 | Simulation and Comparison of Mathematical Models of PV Cells with Growing Levels of Complexity. <i>Energies</i> , 2018 , 11, 2902 | 3.1 | 15 |
| 105 | Interfacing modular multilevel converters for grid integration of renewable energy sources. <i>Electric Power Systems Research</i> , 2018 , 160, 439-449 | 3.5 | 14 |
| 104 | A New Modular Multilevel Inverter Based on Step-Up Switched-Capacitor Modules. <i>Energies</i> , 2019 , 12, 524 | 3.1 | 14 |
| 103 | Reserve Allocation of Photovoltaic Systems to Improve Frequency Stability in Hybrid Power Systems. <i>Energies</i> , 2018 , 11, 2583 | 3.1 | 14 |
| 102 | Optimal Management of an Energy Storage Unit in a PV-Based Microgrid Integrating Uncertainty and Risk. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 169 | 2.6 | 13 |
| 101 | Control of power electronics-based synchronous generator for the integration of renewable energies into the power grid. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 111, 300-314 | 5.1 | 13 |
| 100 | Direct Lyapunov control (DLC) technique for distributed generation (DG) technology. <i>Electrical Engineering</i> , 2014 , 96, 309-321 | 1.5 | 13 |
| 99 | The frequency-independent control method for distributed generation systems. <i>Applied Energy</i> , 2012 , 96, 272-280 | 10.7 | 13 |
| 98 | Synchronous Resonant Control Technique to Address Power Grid Instability Problems Due to High Renewables Penetration. <i>Energies</i> , 2018 , 11, 2469 | 3.1 | 13 |
| 97 | Smart participation of PHEVs in controlling voltage and frequency of island microgrids. <i>International Journal of Electrical Power and Energy Systems</i> , 2019 , 110, 510-522 | 5.1 | 12 |
| 96 | Hysteresis current control technique of VSI for compensation of grid-connected unbalanced loads. <i>Electrical Engineering</i> , 2014 , 96, 27-35 | 1.5 | 12 |
| 95 | Integration of electric vehicles into a smart power grid: A technical review 2016 , | | 12 |
| 94 | A control approach for the operation of DG units under variations of interfacing impedance in grid-connected mode. <i>International Journal of Electrical Power and Energy Systems</i> , 2016 , 74, 1-8 | 5.1 | 11 |
| 93 | Finite-Time Disturbance-Observer-Based Integral Terminal Sliding Mode Controller for Three-Phase Synchronous Rectifier. <i>IEEE Access</i> , 2020 , 8, 152116-152130 | 3.5 | 11 |
| 92 | A Control Technique Based on Distributed Virtual Inertia for High Penetration of Renewable Energies Under Weak Grid Conditions. <i>IEEE Systems Journal</i> , 2021 , 15, 1825-1834 | 4.3 | 11 |

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|----|---|-----|----|
| 91 | A control strategy for a multi-terminal HVDC network integrating wind farms to the AC grid. <i>International Journal of Electrical Power and Energy Systems</i> , 2017 , 89, 146-155 | 5.1 | 10 |
| 90 | Virtual Inertia and Mechanical Power-Based Control Strategy to Provide Stable Grid Operation under High Renewables Penetration. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 1043 | 2.6 | 10 |
| 89 | Direct Power Control of Matrix Converter-Fed DFIG with Fixed Switching Frequency. <i>Sustainability</i> , 2019 , 11, 2604 | 3.6 | 9 |
| 88 | An Innovative Dual-Boost Nine-Level Inverter with Low-Voltage Rating Switches. <i>Energies</i> , 2019 , 12, 2073.1 | 3.1 | 8 |
| 87 | A control strategy based on the upper and lower arms modulation functions of MMC in HVDC applications 2018 , | | 8 |
| 86 | Enhancing home appliances energy optimization with solar power integration 2015 , | | 8 |
| 85 | A hybrid algorithm for fast detection and classification of voltage disturbances in electric power systems. <i>European Transactions on Electrical Power</i> , 2011 , 21, 555-564 | | 8 |
| 84 | A Data-Driven Based Voltage Control Strategy for DC-DC Converters: Application to DC Microgrid. <i>Electronics (Switzerland)</i> , 2019 , 8, 493 | 2.6 | 7 |
| 83 | Adapted near-state PWM for dual two-level inverters in order to reduce common-mode voltage and switching losses. <i>IET Power Electronics</i> , 2019 , 12, 676-685 | 2.2 | 7 |
| 82 | Analysis and control of single-phase converters for integration of small-scaled renewable energy sources into the power grid 2016 , | | 7 |
| 81 | Control of Modular Multilevel Converters for integration of distributed generation sources into the power grid 2015 , | | 7 |
| 80 | A Multi-Inductor H Bridge Fault Current Limiter. <i>Electronics (Switzerland)</i> , 2019 , 8, 795 | 2.6 | 6 |
| 79 | Home HVAC energy management and optimization with model predictive control 2017 , | | 6 |
| 78 | Double synchronous controller for integration of large-scale renewable energy sources into a low-inertia power grid 2017 , | | 6 |
| 77 | A control algorithm for the stable operation of interfaced converters in microgrid systems 2014 , | | 6 |
| 76 | Emulating Rotational Inertia of Synchronous Machines by a New Control Technique in Grid-Interactive Converters. <i>Sustainability</i> , 2020 , 12, 5346 | 3.6 | 6 |
| 75 | Coordinated Power Sharing in Islanding Microgrids for Parallel Distributed Generations. <i>Electronics (Switzerland)</i> , 2020 , 9, 1927 | 2.6 | 6 |
| 74 | X-Type Step-Up Multi-Level Inverter with Reduced Component Count Based on Switched-Capacitor Concept. <i>Electronics (Switzerland)</i> , 2020 , 9, 1987 | 2.6 | 6 |

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|----|--|-----|---|
| 73 | Virtual Impedances Optimization to Enhance Microgrid Small-Signal Stability and Reactive Power Sharing. <i>IEEE Access</i> , 2020 , 8, 139691-139705 | 3.5 | 6 |
| 72 | A Novel DC-Bus Sensor-less MPPT Technique for Single-Stage PV Grid-Connected Inverters. <i>Energies</i> , 2016 , 9, 248 | 3.1 | 6 |
| 71 | Microgrid Frequency & Voltage Adjustment Applying Virtual Synchronous Generator 2019 , | | 5 |
| 70 | The Impact of Demand Response Programs on Reducing the Emissions and Cost of A Neighborhood Home Microgrid. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2097 | 2.6 | 5 |
| 69 | A Modified Partial Power structure for Quasi Z-Source Converter to Improve Voltage Gain and Power Rating. <i>Energies</i> , 2019 , 12, 2139 | 3.1 | 5 |
| 68 | Resonance-Based Optimized Buck LED Driver Using Unequal Turn Ratio Coupled Inductance. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 13068-13076 | 7.2 | 5 |
| 67 | A Novel Control Strategy to Active Power Filter with Load Voltage Support Considering Current Harmonic Compensation. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1664 | 2.6 | 5 |
| 66 | A new energy management strategy for a grid connected wind turbine-battery storage power plant 2018 , | | 5 |
| 65 | Direct-Lyapunov-Based Control Scheme for Voltage Regulation in a Three-Phase Islanded Microgrid with Renewable Energy Sources. <i>Energies</i> , 2018 , 11, 1161 | 3.1 | 5 |
| 64 | Control of Grid-Tied Converters for Integration of Renewable Energy Sources into the Weak Grids 2019 , | | 5 |
| 63 | Synchronous active proportional resonant-based control technique for high penetration of distributed generation units into power grids 2017 , | | 5 |
| 62 | 2016 , | | 5 |
| 61 | Particle swarm optimisation-based model and analysis of photovoltaic module characteristics in snowy conditions. <i>IET Renewable Power Generation</i> , 2019 , 13, 1950-1957 | 2.9 | 4 |
| 60 | MPC weights tuning role on the energy optimization in residential appliances 2015 , | | 4 |
| 59 | Digital Control of a Power Conditioner for Fuel Cell/Super-capacitor Hybrid System. <i>Electric Power Components and Systems</i> , 2014 , 42, 165-179 | 1 | 4 |
| 58 | An Efficient H7 Single-Phase Photovoltaic Grid Connected Inverter for CMC Conceptualization and Mitigation Method. <i>Electronics (Switzerland)</i> , 2020 , 9, 1440 | 2.6 | 4 |
| 57 | The P-Type Module with Virtual DC Links to Increase Levels in Multilevel Inverters. <i>Electronics (Switzerland)</i> , 2019 , 8, 1460 | 2.6 | 4 |
| 56 | Single-Phase Active Power Harmonics Filter by Op-Amp Circuits and Power Electronics Devices. <i>Sustainability</i> , 2018 , 10, 4406 | 3.6 | 4 |

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|----|---|------|---|
| 55 | Grid-Following DVI-Based Converter Operating in Weak Grids for Enhancing Frequency Stability. <i>IEEE Transactions on Power Delivery</i> , 2021 , 1-1 | 4.3 | 4 |
| 54 | Design and Implementation of a New Algorithm for Enhancing MPPT Performance in Solar Cells. <i>Energies</i> , 2019 , 12, 519 | 3.1 | 3 |
| 53 | Multifunctional control of an NPC converter for the grid integration of renewable energy sources 2015 , | | 3 |
| 52 | A Novel Space Vector Modulation Scheme for a 10-Switch Converter. <i>Energies</i> , 2020 , 13, 1855 | 3.1 | 3 |
| 51 | Single DC Source Multilevel Inverter with Changeable Gains and Levels for Low-Power Loads. <i>Electronics (Switzerland)</i> , 2020 , 9, 937 | 2.6 | 3 |
| 50 | A control method for operation of a power conditioner system based on fuel cell/supercapacitor. <i>Electrical Engineering</i> , 2018 , 100, 857-863 | 1.5 | 3 |
| 49 | Energy optimization strategy with Model Predictive Control and demand response 2017 , | | 3 |
| 48 | Simulation study of a photovoltaic cell with increasing levels of model complexity 2017 , | | 3 |
| 47 | Residential MPC controller performance in a household with PV microgeneration 2017 , | | 3 |
| 46 | Control and stability analysis of interfaced converter in distributed generation technology 2015 , | | 3 |
| 45 | Model predictive control technique for energy optimization in residential appliances 2015 , | | 3 |
| 44 | Economic viability of distributed energy resources relative to substation and feeder facilities expansion 2010 , | | 3 |
| 43 | Employing Machine Learning for Enhancing Transient Stability of Power Synchronization Control during Fault Conditions in Weak Grids. <i>IEEE Transactions on Smart Grid</i> , 2022 , 1-1 | 10.7 | 3 |
| 42 | Virtual Inertia Implementation in Dual Two-Level Voltage Source Inverters 2020 , | | 3 |
| 41 | . <i>IEEE Access</i> , 2020 , 8, 197484-197498 | 3.5 | 3 |
| 40 | Simultaneous Optimization of Virtual Synchronous Generators (VSG) Parameters in Islanded Microgrids Supplying Induction Motors. <i>IEEE Access</i> , 2021 , 9, 124972-124985 | 3.5 | 3 |
| 39 | Dual Two-Level Voltage Source Inverter Virtual Inertia Emulation: A Comparative Study. <i>Energies</i> , 2021 , 14, 1160 | 3.1 | 3 |
| 38 | Systematic photovoltaic system power losses calculation and modeling using computational intelligence techniques. <i>Applied Energy</i> , 2021 , 284, 116396 | 10.7 | 3 |

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|----|---|-----|---|
| 37 | An Extended Multilayer Thermal Model for Multichip IGBT Modules Considering Thermal Aging. <i>IEEE Access</i> , 2021 , 9, 84217-84230 | 3.5 | 3 |
| 36 | A seamless control scheme for a microgrid with renewable energy sources 2017 , | | 2 |
| 35 | An Impedance Source Multi-Level Three Phase Inverter with Common Mode Voltage Elimination and Dead Time Compensation. <i>Electronics (Switzerland)</i> , 2020 , 9, 1639 | 2.6 | 2 |
| 34 | Unit commitment optimisation of hydro-thermal power systems in the day-ahead electricity market. <i>Cogent Engineering</i> , 2016 , 3, 1251009 | 1.5 | 2 |
| 33 | Employing Virtual Synchronous Generator with a New Control Technique for Grid Frequency Stabilization 2020 , | | 2 |
| 32 | A control technique for operation of single-phase converters in stand-alone operating mode 2016 , | | 2 |
| 31 | Dynamic performance control of modular multilevel converters in HVDC transmission systems 2016 , | | 2 |
| 30 | Energy Management of a Single Grid-Connected Home Microgrid for Determining Optimal Supply/Demand Bids 2018 , | | 2 |
| 29 | Dynamic Stochastic EPEC Model for Competition of Dominant Producers in Generation Expansion Planning 2018 , | | 2 |
| 28 | Stability Analysis of a Synchronous Generator-Based Control Technique used in Large-Scale Grid Integration of Renewable Energy 2018 , | | 2 |
| 27 | Droop Method Development for Microgrids Control Considering Higher Order Sliding Mode Control Approach and Feeder Impedance Variation. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 967 | 2.6 | 2 |
| 26 | Integration of DG sources for compensation of unbalanced loads in the power grid 2015 , | | 1 |
| 25 | Power Quality Improvement with a Pulse Width Modulation Control Method in Modular Multilevel Converters under Varying Nonlinear Loads. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3292 | 2.6 | 1 |
| 24 | Analysis of electrical behaviour of PV arrays covered with non-uniform snow. <i>Electronics Letters</i> , 2020 , 56, 192-194 | 1.1 | 1 |
| 23 | EV charging effect on a distribution transformer supplying a factory with local PV generation 2017 , | | 1 |
| 22 | Hybrid time triggered protocol for home wireless communications 2017 , | | 1 |
| 21 | Efficient remote control system using SMS and WiFi technology for outdoor security lighting applications 2017 , | | 1 |
| 20 | Stable operation of distributed generation units in microgrid networks 2015 , | | 1 |

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|----|---|-----|---|
| 19 | A flexible control strategy for integration of DG sources into the power grid 2014 , | | 1 |
| 18 | Fault-Tolerant Operation Strategy for Reliability improvement of a Switched-Capacitor Multi-Level Inverter. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1 | 8.9 | 1 |
| 17 | Multi-Alternative Operation-Planning Problem of Wind Farms Participating in Gas and Electricity Markets. <i>IEEE Access</i> , 2021 , 9, 166825-166837 | 3.5 | 1 |
| 16 | Microgrid Stability Analysis Considering Current State-Feedback 2020 , | | 1 |
| 15 | Enhancing Frequency Stability of Weak Grids with Modified Distributed Virtual Inertia Method 2020 , | | 1 |
| 14 | An Adaptive Parameter-Based Control Technique of Virtual Synchronous Generator for Smooth Transient Between Islanded and Grid-Connected Mode of Operation. <i>IEEE Access</i> , 2021 , 9, 137322-137337 ⁵ | 3.5 | 1 |
| 13 | Semi-valley switching method for buck LED driver to increase its efficiency and performance. <i>IET Power Electronics</i> , 2020 , 13, 1966-1973 | 2.2 | 1 |
| 12 | Control of MMC-Based STATCOM as an Effective Interface between Energy Sources and the Power Grid. <i>Electronics (Switzerland)</i> , 2019 , 8, 1264 | 2.6 | 1 |
| 11 | Provision of Synthetic Inertia Support for Converter-Dominated Weak Grids. <i>IEEE Systems Journal</i> , 2021 , 1-10 | 4.3 | 1 |
| 10 | Investigating Wind Generation Investment Indices in Multi-Stage Planning 2018 , | | 1 |
| 9 | Angular Frequency Dynamic-Based Control Technique of a Grid-Interfaced Converter Emulated by a Synchronous Generator 2018 , | | 1 |
| 8 | Multiobjective Laguerre Functions-Based Discrete-Time Model Predictive Control: A Fast Inner-Loop Controller for Grid- <i>Electric Power Systems Research</i> , 2022 , 209, 107976 | 3.5 | 1 |
| 7 | Enhanced control of voltage source converters considering virtual inertia theory. <i>International Transactions on Electrical Energy Systems</i> , 2021 , 31, e13245 | 2.2 | 0 |
| 6 | . <i>IEEE Access</i> , 2021 , 9, 104915-104926 | 3.5 | 0 |
| 5 | A Novel Control Strategy Based on an Adaptive Fuzzy Model Predictive Control for Frequency Regulation of a Microgrid with Uncertain and Time-Varying Parameters. <i>IEEE Access</i> , 2022 , 1-1 | 3.5 | 0 |
| 4 | Electrical Drives and Power Electronics 2012 , 263-293 | | |
| 3 | Stable Integration of Power Electronics-Based DG Links to the Utility Grid with Interfacing Impedance Uncertainties. <i>IFIP Advances in Information and Communication Technology</i> , 2015 , 502-511 | 0.5 | |
| 2 | Large-Scale Grid Integration of Renewable Energy Resources with a Double Synchronous Controller. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 5548 | 2.6 | |

- 1 Adjustable unbalanced current controller for transformerless PV generation to suppress DC voltage ripples of inverter in low-voltage ride-through (LVRT) operation. *IET Renewable Power Generation*, **2022**, 16, 1194-1205 2.9