Mohd Amran Mohd Radzi

List of Publications by Year
in descending order

171 papers	4,465 citations	159358 30 h-index	123241 61 g-index
173 all docs	173 docs citations	173 times ranked	4278 citing authors

#	Article	IF	Citations
1	Power loss due to soiling on solar panel: A review. Renewable and Sustainable Energy Reviews, 2016, 59, 1307-1316.	8.2	684
2	Multi-objective optimization of a stand-alone hybrid renewable energy system by using evolutionary algorithms: A review. Renewable and Sustainable Energy Reviews, 2012, 16, 3364-3369.	8.2	356
3	A current and future study on non-isolated DC–DC converters for photovoltaic applications. Renewable and Sustainable Energy Reviews, 2013, 17, 216-227.	8.2	237
4	Development of adaptive perturb and observe–fuzzy control maximum power point tracking for photovoltaic boost dc–dc converter. IET Renewable Power Generation, 2014, 8, 183-194.	1.7	218
5	The present and future of smart power grid in developing countries. Renewable and Sustainable Energy Reviews, 2014, 29, 828-834.	8.2	132
6	Review of Control Techniques for HVAC Systems—Nonlinearity Approaches Based on Fuzzy Cognitive Maps. Energies, 2018, 11, 495.	1.6	130
7	Assessment of hybrid renewable power sources for rural electrification in Malaysia. Renewable and Sustainable Energy Reviews, 2014, 30, 299-305.	8.2	127
8	Dye Sensitized Solar Cell (DSSC) greenhouse shading: New insights for solar radiation manipulation. Renewable and Sustainable Energy Reviews, 2018, 92, 171-186.	8.2	121
9	Control Algorithms of Shunt Active Power Filter for Harmonics Mitigation: A Review. Energies, 2017, 10, 2038.	1.6	111
10	Neural Network and Bandless Hysteresis Approach to Control Switched Capacitor Active Power Filter for Reduction of Harmonics. IEEE Transactions on Industrial Electronics, 2009, 56, 1477-1484.	5.2	105
11	Automated positioning dual-axis solar tracking system with precision elevation and azimuth angle control. Energy, 2017, 124, 160-170.	4.5	98
12	Fault detection of broken rotor bar in LS-PMSM using random forests. Measurement: Journal of the International Measurement Confederation, 2018, 116, 273-280.	2.5	91
13	Modelling and Prediction of Photovoltaic Power Output Using Artificial Neural Networks. International Journal of Photoenergy, 2014, 2014, 1-10.	1.4	89
14	A general approach toward building integrated photovoltaic systems and its implementation barriers: A review. Renewable and Sustainable Energy Reviews, 2013, 22, 527-538.	8.2	79
15	Operation of Three-Level Inverter-Based Shunt Active Power Filter Under Nonideal Grid Voltage Conditions With Dual Fundamental Component Extraction. IEEE Transactions on Power Electronics, 2018, 33, 7558-7570.	5.4	74
16	A Comprehensive Review on Optimal Location and Sizing of Reactive Power Compensation Using Hybrid-Based Approaches for Power Loss Reduction, Voltage Stability Improvement, Voltage Profile Enhancement and Loadability Enhancement. IEEE Access, 2020, 8, 222733-222765.	2.6	63
17	Shunt Active Power Filter: A Review on Phase Synchronization Control Techniques. Electronics (Switzerland), 2019, 8, 791.	1.8	59
18	Lightning protection on photovoltaic systems: A review on current and recommended practices. Renewable and Sustainable Energy Reviews, 2018, 82, 1611-1619.	8.2	55

#	Article	IF	Citations
19	DC‐link capacitor voltage control for single‐phase shunt active power filter with step size error cancellation in self‐charging algorithm. IET Power Electronics, 2016, 9, 323-335.	1.5	51
20	A Matignon's Theorem Based Stability Analysis of Hybrid Power System for Automatic Load Frequency Control Using Atom Search Optimized FOPID Controller. IEEE Access, 2020, 8, 168751-168772.	2.6	51
21	Renewable sources-based automatic load frequency control of interconnected systems using chaotic atom search optimization. Applied Soft Computing Journal, 2022, 119, 108574.	4.1	44
22	Modified Synchronous Reference Frame Based Shunt Active Power Filter with Fuzzy Logic Control Pulse Width Modulation Inverter. Energies, 2017, 10, 758.	1.6	42
23	A comparative study of three types of grid connected photovoltaic systems based on actual performance. Energy Conversion and Management, 2014, 78, 8-13.	4.4	40
24	Spatial energy predictions from large-scale photovoltaic power plants located in optimal sites and connected to a smart grid in Peninsular Malaysia. Renewable and Sustainable Energy Reviews, 2016, 66, 79-94.	8.2	40
25	Lightning Surge Analysis on a Large Scale Grid-Connected Solar Photovoltaic System. Energies, 2017, 10, 2149.	1.6	40
26	Comparison of ANN and P&O MPPT methods for PV applications under changing solar irradiation. , 2013, , .		38
27	Spatial matching of large-scale grid-connected photovoltaic power generation with utility demand in Peninsular Malaysia. Applied Energy, 2017, 191, 663-688.	5.1	36
28	Islanding detection method using ridgelet probabilistic neural network in distributed generation. Neurocomputing, 2019, 329, 188-209.	3.5	36
29	Embracing new agriculture commodity through integration of Java Tea as high Value Herbal crops in solar PV farms. Journal of Cleaner Production, 2015, 91, 71-77.	4.6	34
30	DC-Link Capacitor Voltage Regulation for Three-Phase Three-Level Inverter-Based Shunt Active Power Filter with Inverted Error Deviation Control. Energies, 2016, 9, 533.	1.6	34
31	A new cascaded multilevel inverter topology with minimum number of conducting switches. , 2014, , .		33
32	Islanding detection technique using Slantlet Transform and Ridgelet Probabilistic Neural Network in grid-connected photovoltaic system. Applied Energy, 2018, 231, 645-659.	5.1	32
33	The effect of temperature on a mono-crystalline solar PV panel. , 2015, , .		31
34	A novel islanding detection technique using modified Slantlet transform in multi-distributed generation. International Journal of Electrical Power and Energy Systems, 2019, 112, 460-475.	3.3	31
35	A Simplified Synchronous Reference Frame for Indirect Current Controlled Three-level Inverter-based Shunt Active Power Filters. Journal of Power Electronics, 2016, 16, 1964-1980.	0.9	30
36	An Enhanced Adaptive Perturb and Observe Technique for Efficient Maximum Power Point Tracking Under Partial Shading Conditions. Applied Sciences (Switzerland), 2020, 10, 3912.	1.3	29

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37	Application of smart power grid in developing countries. , 2013, , .		28
38	Evaluation of Fuzzy Logic Subsets Effects on Maximum Power Point Tracking for Photovoltaic System. International Journal of Photoenergy, 2014, 2014, 1-13.	1.4	28
39	The Effects of Power Quality to the Industries. , 2007, , .		27
40	Adaptive P&O-fuzzy control MPPT for PV boost dc-dc converter. , 2012, , .		27
41	Basic design aspects of micro hydro power plant and its potential development in Malaysia. , 0, , .		24
42	Artificial neural network based maximum power point tracking controller for photovoltaic standalone system. International Journal of Green Energy, 2016, 13, 283-291.	2.1	24
43	An Anti-Islanding Protection Technique Using a Wavelet Packet Transform and a Probabilistic Neural Network. Energies, 2018, 11, 2701.	1.6	24
44	A Fast Fault Identification in a Grid-Connected Photovoltaic System Using Wavelet Multi-Resolution Singular Spectrum Entropy and Support Vector Machine. Energies, 2019, 12, 2508.	1.6	23
45	Neutralâ€point voltage deviation control for threeâ€level inverterâ€based shunt active power filter with fuzzyâ€based dwell time allocation. IET Power Electronics, 2017, 10, 429-441.	1.5	22
46	Modelling and simulation of battery electric vehicle by using MATLAB-Simulink. , 2017, , .		22
47	DC-based smart PV-powered home energy management system based on voltage matching and RF module. PLoS ONE, 2017, 12, e0185012.	1.1	22
48	GPS based portable dual-axis solar tracking system using astronomical equation. , 2014, , .		21
49	On the effect of lightning on a solar photovoltaic system. , 2016, , .		19
50	Calculating electrical and thermal characteristics of multiple PV array configurations installed in the tropics. Energy Conversion and Management, 2013, 75, 418-424.	4.4	18
51	Static Eccentricity Fault Recognition in Three-Phase Line Start Permanent Magnet Synchronous Motor Using Finite Element Method. Mathematical Problems in Engineering, 2014, 2014, 1-12.	0.6	18
52	Enhanced Instantaneous Power Theory with Average Algorithm for Indirect Current Controlled Three-Level Inverter-Based Shunt Active Power Filter under Dynamic State Conditions. Mathematical Problems in Engineering, 2016, 2016, 1-12.	0.6	18
53	Role of FACTS devices in improving penetration of renewable energy. , 2013, , .		17
54	A Refined Self-Tuning Filter-Based Instantaneous Power Theory Algorithm for Indirect Current Controlled Three-Level Inverter-Based Shunt Active Power Filters under Non-sinusoidal Source Voltage Conditions. Energies, 2017, 10, 277.	1.6	17

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55	Photovoltaic Integrated Shunt Active Power Filter with Simpler ADALINE Algorithm for Current Harmonic Extraction. Energies, 2018, 11, 1152.	1.6	17
56	Optimization and comparison analysis for application of PV panels in three villages. Energy Science and Engineering, 2015, 3, 145-152.	1.9	16
57	Fundamental Active Current Adaptive Linear Neural Networks for Photovoltaic Shunt Active Power Filters. Energies, 2016, 9, 397.	1.6	16
58	Implementation of the power transistor–assisted Sen transformer in steady–state load flow analysis. IET Generation, Transmission and Distribution, 2018, 12, 4182-4193.	1.4	14
59	Dynamic voltage restorer (DVR) enhancement in power quality mitigation with an adverse impact of unsymmetrical faults. Energy Reports, 2022, 8, 871-882.	2.5	14
60	Investigation of severity of voltage flicker caused by second harmonic. IET Science, Measurement and Technology, 2017, 11, 363-370.	0.9	13
61	Broken Rotor Bar Detection in LS-PMSM Based on Startup Current Analysis Using Wavelet Entropy Features. Applied Sciences (Switzerland), 2017, 7, 845.	1.3	13
62	A Self-Tuning Filter-Based Adaptive Linear Neuron Approach for Operation of Three-Level Inverter-Based Shunt Active Power Filters under Non-Ideal Source Voltage Conditions. Energies, 2017, 10, 667.	1.6	13
63	Lightning performance analysis of a rooftop grid-connected solar photovoltaic without external lightning protection system. PLoS ONE, 2019, 14, e0219326.	1.1	13
64	Mitigation of power quality problems using series active filter in a microgrid system. International Journal of Power Electronics and Drive Systems, 2019, 10, 2245.	0.5	13
65	New perturb and observe algorithm based on trapezoidal rule: Uniform and partial shading conditions. Energy Conversion and Management, 2022, 264, 115738.	4.4	13
66	Power transistor-assisted Sen Transformer: a novel approach to power flow control. Electric Power Systems Research, 2016, 133, 228-240.	2.1	12
67	A Dual-Function Instantaneous Power Theory for Operation of Three-Level Neutral-Point-Clamped Inverter-Based Shunt Active Power Filter. Energies, 2018, 11, 1592.	1.6	12
68	Measurement-Based Modeling of a Semitransparent CdTe Thin-Film PV Module Based on a Custom Neural Network. IEEE Access, 2018, 6, 34934-34947.	2.6	12
69	Simulation of single-phase shunt active power filter with fuzzy logic controller for power quality improvement. , 2013, , .		11
70	A Photovoltaic-Based SEPIC Converter with Dual-Fuzzy Maximum Power Point Tracking for Optimal Buck and Boost Operations. Energies, 2016, 9, 604.	1.6	11
71	Implementing a Novel Hybrid Maximum Power Point Tracking Technique in DSP via Simulink/MATLAB under Partially Shaded Conditions. Energies, 2016, 9, 85.	1.6	10
72	The Effects of Number of Conducting Switches in a Cascaded Multilevel Inverter Output. , 2019, , .		10

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73	A Novel Hybrid Approach for Maximizing the Extracted Photovoltaic Power under Complex Partial Shading Conditions. Sustainability, 2020, 12, 5786.	1.6	10
74	Hybrid FFTâ€ADALINE algorithm with fast estimation of harmonics in power system. IET Signal Processing, 2016, 10, 855-864.	0.9	9
75	Motor Current Signature Analysis-based Non-invasive Recognition of Mixed Eccentricity Fault in Line Start Permanent Magnet Synchronous Motor. Electric Power Components and Systems, 2021, 49, 133-145.	1.0	9
76	Dual Function of Unified Adaptive Linear Neurons Based Fundamental Component Extraction Algorithm for Shunt Active Power Filter Operation. International Review of Electrical Engineering, 2015, 10, 544.	0.1	9
77	Communication for Distributed Renewable Generations (DRGs): A review on the penetration to Smart Grids (SGs). , 2012, , .		8
78	A modified artificial neural network (ANN) algorithm to control shunt active power filter (SAPF) for current harmonics reduction. , 2013, , .		8
79	Predicting power output of photovoltaic systems with solar radiation model. , 2014, , .		8
80	Effect of temperature on a poly-crystalline solar panel in large scale solar plants in Malaysia. , 2015, , .		8
81	Analytical Approaches on Optimal Placement of STATCOM Under Contingency Occasions. , 2020, , .		8
82	DSP-based flexible digital hysteresis in switched capacitor active power filter. IEICE Electronics Express, 2010, 7, 621-627.	0.3	7
83	Performance Test Conditions for Direct Temperature Elements of Multiple PV Array Configurations in Malaysia. Energy Procedia, 2014, 61, 2387-2390.	1.8	7
84	Dual Search Maximum Power Point (DSMPP) Algorithm Based on Mathematical Analysis under Shaded Conditions. Energies, 2015, 8, 12116-12146.	1.6	7
85	Significant insights into the operation of DC-link voltage control of a shunt active power filter using different control algorithms: a comparative study. Turkish Journal of Electrical Engineering and Computer Sciences, 2017, 25, 2033-2043.	0.9	7
86	Three-phase three-level shunt active power filter with simplified synchronous reference frame. , 2016, , .		7
87	Cathodic protection system. , 0, , .		6
88	Neural network based detection in switched capacitor filter for harmonic mitigation. , 2008, , .		6
89	Performance analysis of line-start permanent magnet synchronous motor in presence of rotor fault. , 2014, , .		6
90	Optimal design of hybrid renewable energy system based on solar and biomass for halal products research institute, UPM. , 2014, , .		6

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91	Modelling of photovoltaic array temperature in a tropical site using generalized extreme value distribution. Journal of Renewable and Sustainable Energy, 2014, 6, 033134.	0.8	6
92	Broken rotor bar detection in LS-PMSMs based on statistical features analysis of start-up current envelope. , 2015, , .		6
93	Adaptive Hybrid Fuzzy-Proportional Plus Crisp-Integral Current Control Algorithm for Shunt Active Power Filter Operation. Energies, 2016, 9, 737.	1.6	6
94	On the Effect of Surge Protection Devices (SPDs) Placement for Grid-connected Solar PV Farm. , 2018, , .		6
95	Photovoltaic-Powered Smart Home System with Direct Current-Environment. Journal of Computational and Theoretical Nanoscience, 2017, 14, 4158-4173.	0.4	6
96	Integration of dual intelligent algorithms in shunt active power filter. , 2013, , .		5
97	Field Measurement of PV Array Temperature for Tracking and Concentrating 1‰k‰<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:msub><mml:mrow><mml:mtext>W</mml:mtext></mml:mrow><mml:mrow><mml:mtext>p</mml:mtext> Installed in Malaysia. International Journal of Photoenergy, 2013, 2013, 1-8.	1.4	5
98	Diagnosis of static eccentricity fault in line start permanent magnet synchronous motor. , 2014, , .		5
99	Analysis of statistical features based on start-up current envelope for broken rotor bar fault detection in line start permanent magnet synchronous motor. Electrical Engineering, 2017, 99, 187-201.	1.2	5
100	Low cost wireless sensor monitoring system for photovoltaic (PV) array parameters. , 2017, , .		5
101	PLL-Less Three-Phase Four-Wire SAPF with STF-dq0 Technique for Harmonics Mitigation under Distorted Supply Voltage and Unbalanced Load Conditions. Energies, 2018, 11, 2143.	1.6	5
102	An Illustrated Guide to Estimation of Water Velocity in Unregulated River for Hydrokinetic Performance Analysis Studies in East Malaysia. Water (Switzerland), 2018, 10, 1330.	1.2	5
103	Field data-based mathematical modeling by Bode equations and vector fitting algorithm for renewable energy applications. PLoS ONE, 2018, 13, e0191478.	1.1	5
104	Software development for energy auditing practice. , 0, , .		4
105	Optimal allocation of sen transformer for Active Power Loss Reduction. , 2014, , .		4
106	Single Phase Shunt Active Power Filter with Simplified ADALINE Neural Network. , 2014, , .		4
107	Estimation of solar radiation from digital elevation model in area of rough topography. World Journal of Engineering, 2016, 13, 453-460.	1.0	4
108	Photovoltaic Boost DC/DC Converter for Power Led with Adaptive P&O-Fuzzy Maximum Power Point Tracking. Lecture Notes in Electrical Engineering, 2019, , 245-251.	0.3	4

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109	Adaptive Linear Neural Network Approach for Three-Phase Four-Wire Active Power Filtering under Non-Ideal Grid and Unbalanced Load Scenarios. Applied Sciences (Switzerland), 2019, 9, 5304.	1.3	4
110	Energy Management System in Battery Electric Vehicle Based on Fuzzy Logic Control to Optimize the Energy Consumption in HVAC System. International Journal of Integrated Engineering, 2019, 11, .	0.2	4
111	Hybrid renewable energy systems in remote areas of equatorial countries. , 2012, , .		3
112	Novel Modulation Method for Multidirectional Matrix Converter. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	3
113	Fuzzy logic controller based three phase shunt active power filter for harmonics reduction. , 2014, , .		3
114	Short Circuit Power based fault location algorithm in distribution networks. , 2014, , .		3
115	On the fault location algorithm for distribution networks in presence of DG. , 2014, , .		3
116	Statistical features analysis of transient current signal for broken bars fault detection in LS-PMSMs. , 2015, , .		3
117	A Simple Predictive Method of Critical Flicker Detection for Human Healthy Precaution. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	3
118	Novel hybrid maximum power point tracking algorithm for PV systems under partially shaded conditions. , 2015, , .		3
119	Equalization Technique for Balancing the Modulation Ratio Characteristics of the Single-Phase-to-Three-Phase Matrix Converter. Scientific Programming, 2016, 2016, 1-10.	0.5	3
120	On the performance of a polycrystalline PV panel under different impulse voltages and temperatures. , 2016, , .		3
121	DC-DC converter for photovoltaic powered battery charger. World Journal of Engineering, 2016, 13, 516-523.	1.0	3
122	Realization of Single Phase to Three Phase Matrix Converter using SVPWM Algorithm. Automatika, 2016, 57, 129-140.	1.2	3
123	High Efficiency Portable Solar Generator utilizing Optimum Solar Panel Orientation. , 2018, , .		3
124	Simplified Adaptive Linear Neuron Harmonics Extraction Algorithm for Dynamic Performance of Shunt Active Power Filter. International Review on Modelling and Simulations, 2016, 9, 144.	0.2	3
125	Silicon carbide power device characteristics, applications and challenges: an overview. International Journal of Power Electronics and Drive Systems, 2020, 11, 2194.	0.5	3
126	Adaptive unified neural network for dynamic power quality compensation. , 2013, , .		2

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127	Cut-Off solar charge controller as an alternative towards system efficiency optimization. , 2014, , .		2
128	Power system security enhancement and loss reduction using the SMART power flow controller. , 2014, , .		2
129	A modified digital hysteresis and artificial neural network (ANN) algorithms in single phase shunt active power filter control. , 2014, , .		2
130	Wireless Sensors System for Broken Rotor bar Fault Monitoring using Wavelet Analysis. IOP Conference Series: Materials Science and Engineering, 2015, 99, 012029.	0.3	2
131	Power consumption and size minimization of a wireless sensor node in automation system application. , 2015, , .		2
132	Mathematical design and analysis of anti-lock brake system for electric vehicle based on brake-by-wire technology. International Journal of Electric and Hybrid Vehicles, 2015, 7, 303.	0.2	2
133	Dual-fuzzy based MPPT for dual-load operation with photovoltaic SEPIC converter. , 2015, , .		2
134	Broken rotor bar fault detection in line start permanent magnet synchronous motor using transient current signal. , 2016, , .		2
135	Comparison of developed FLC and P&O MPPT algorithms for improving PV system performance at variable irradiance conditions. World Journal of Engineering, 2016, 13, 494-499.	1.0	2
136	Investigation of harmonic components on voltage flicker measurement. , 2016, , .		2
137	A Design of a Hybrid Non-Linear Control Algorithm. Energies, 2017, 10, 1823.	1.6	2
138	Artificial Intelligence based Fuzzy-MPPT Technique of H-Bridge Inverter for Grid-Connected Photovoltaic System. , 2018, , .		2
139	Mutation Study of Malaysian Patients with Ornithine Transcarbamylase Deficiency: Clinical, Molecular, and Bioinformatics Analyses of Two Novel Missense Mutations of the OTC Gene. BioMed Research International, 2018, 2018, 1-15.	0.9	2
140	Real Time DSP Implementation of Dual Digital Controllers for Shunt Active Power Filter. , 2019, , .		2
141	Investigation on Partial Discharge Localization in Oil Based on Time of Arrival Method. , 2021, , .		2
142	Improved ADALINE Harmonics Extraction Algorithm for Boosting Performance of Photovoltaic Shunt Active Power Filter under Dynamic Operations. Journal of Electrical Engineering and Technology, 2016, 11, 1714-1728.	1.2	2
143	Adaptive notch filter under indirect and direct current controls for active power filter. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1794-1802.	0.6	2
144	Public Support for Feed-in-Tariff and Net Energy Metering Policies in Malaysia: The Role of Policy Information. International Journal of Renewable Energy Development, 2022, 11, 694-702.	1.2	2

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145	Effects of high power converter on power line carrier signal. , 0, , .		1
146	An Energy Management initiative for the Calcium Compound Processing Industry. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 2075-2080.	0.4	1
147	Decreasing of grid-tied PV power output due to thick haze phenomena in Malaysia. , 2014, , .		1
148	Evaluation of the effects of photovoltaic inverter controllers on grid injected power with local dynamic loads. , 2015, , .		1
149	A survey of broken rotor bar detection using PT and HT in squirrel cage electrical machine. , 2015, , .		1
150	New design approach to MIMO nonlinear controller for direct expansion air conditioning system in building automation system. , 2015, , .		1
151	Double soft-computing techniques based triple functionalities for Shunt Active Power Filter with voltage source inverter topology. , 2015, , .		1
152	Hardware design of magnetically isolated gate driver using Insulated Gate Bipolar Transistor (IGBT). , 2017, , .		1
153	LCL filter design for grid-connected single-phase flyback microinverter: a step by step guide. International Journal of Power Electronics and Drive Systems, 2021, 12, 1632.	0.5	1
154	Daily Harvested Energy of Cadmium Telluride Thin Film Photovoltaic. Indonesian Journal of Electrical Engineering and Computer Science, 2018, 11, 18.	0.7	1
155	Optimal Placement of PMU for Complete Observability of Power System Considering Zero Injection and Islanding Condition. , 2020, , .		1
156	Partial Discharge Localization in Oil through Acoustic Emission Technique Utilizing Fuzzy Logic. IEEE Transactions on Dielectrics and Electrical Insulation, 2022, , 1-1.	1.8	1
157	Controlled islanding strategy for power systems based on flexible semi-supervised spectral clustering. , 2013, , .		0
158	Improved Maintenance for Energy Optimization in the Calcium Compound Processing Industry. Applied Mechanics and Materials, 0, 564, 747-751.	0.2	0
159	The Study of Operation Modes and Control Strategies of a Multidirectional MC for Battery Based System. Mathematical Problems in Engineering, 2015, 2015, 1-14.	0.6	0
160	Impact of Inverter Controller on Efficiency and Islanding of Photovoltaic Distributed Generation. Applied Mechanics and Materials, 2015, 785, 167-171.	0.2	0
161	Performance evaluation of Modified Widrow-Hoff ADALINE under effect of photovoltaic with shunt active power filter. , 2016, , .		0
162	Analysis of switches blocking voltages in a voltage taps based cascaded multilevel inverter topology. , 2017, , .		0

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163	Daily real-time monitoring of the PV thin film modules for analysis and system modeling. , 2017, , .		0
164	A cascaded multilevel inverter topology with only one bidirectional conducting switch. , 2017, , .		0
165	A Single Battery Bank, Three-Phase Cascaded Multilevel Inverter with the Least Number of Conducting Switches. , 2018, , .		0
166	Modulation Index Sets of Low Switching Frequency Multilevel Inverters for Wind Generation System. , 2018, , .		0
167	Improvement of LMS adaptive noise canceller using uniform Poly-phase digital filter bank. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 17, 1258.	0.7	0
168	Systematic Review of Multilevel and Matrix Usage in Power Electronics: Circuit Types, System Taxonomy, Applications and Recommendations. International Review of Electrical Engineering, 2020, 15, 108.	0.1	0
169	Performance of three-phase three-wire cascaded H-bridge multilevel inverter-based shunt active power filter. International Journal of Power Electronics and Drive Systems, 2020, 11, 1430.	0.5	0
170	LCL Filter Design Based on Ripple Current Minimization Approach for Grid-Connected Inverter Application. , 2021, , .		0
171	Intelligent stability margin improvement using series and shunt controllers. International Journal of Applied Power Engineering (IJAPE), 2021, 10, 281.	0.1	0