

Tomislav Dragicevic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153
papers

7,339
citations

46
h-index

82
g-index

159
ext. papers

9,862
ext. citations

6.5
avg, IF

7.09
L-index

#	Paper	IF	Citations
153	. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 3528-3549	7.2	605
152	. <i>IEEE Transactions on Power Electronics</i> , 2015 , 1-1	7.2	488
151	Supervisory Control of an Adaptive-Droop Regulated DC Microgrid With Battery Management Capability. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 695-706	7.2	477
150	. <i>IEEE Transactions on Energy Conversion</i> , 2014 , 29, 922-933	5.4	235
149	Microgrid supervisory controllers and energy management systems: A literature review. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 60, 1263-1273	16.2	211
148	. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2476-2485	10.7	185
147	Autonomous Active Power Control for Islanded AC Microgrids With Photovoltaic Generation and Energy Storage System. <i>IEEE Transactions on Energy Conversion</i> , 2014 , 29, 882-892	5.4	172
146	A new hybrid bee pollinator flower pollination algorithm for solar PV parameter estimation. <i>Energy Conversion and Management</i> , 2017 , 135, 463-476	10.6	171
145	Robust Networked Control Scheme for Distributed Secondary Control of Islanded Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 5363-5374	8.9	168
144	Model Predictive Control of Power Converters for Robust and Fast Operation of AC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 6304-6317	7.2	153
143	Particle Swarm Optimization Based Solar PV Array Reconfiguration of the Maximum Power Extraction Under Partial Shading Conditions. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 74-85	8.2	150
142	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 1156-1166	10.7	142
141	Small-Signal Analysis of the Microgrid Secondary Control Considering a Communication Time Delay. <i>IEEE Transactions on Industrial Electronics</i> , 2016 , 63, 6257-6269	8.9	131
140	. <i>IEEE Transactions on Smart Grid</i> , 2016 , 7, 1504-1515	10.7	123
139	A Distributed Control Strategy for Coordination of an Autonomous LVDC Microgrid Based on Power-Line Signaling. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 3313-3326	8.9	116
138	. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 827-838	7.2	113
137	Weighting Factor Design in Model Predictive Control of Power Electronic Converters: An Artificial Neural Network Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8870-8880	8.9	113

136	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 2627-2638	10.7	112
135	. <i>IEEE Transactions on Sustainable Energy</i> , 2018 , 9, 853-861	8.2	102
134	A robust adaptive load frequency control for micro-grids. <i>ISA Transactions</i> , 2016 , 65, 220-229	5.5	97
133	. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 6482-6500	7.2	92
132	A Stealth Cyber-Attack Detection Strategy for DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 8162-8174	7.2	87
131	. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 10872-10884	7.2	85
130	. <i>IEEE Transactions on Industry Applications</i> , 2017 , 53, 2369-2381	4.3	82
129	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 2615-2626	10.7	82
128	Networked Fuzzy Predictive Control of Power Buffers for Dynamic Stabilization of DC Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 1356-1362	8.9	79
127	Model Predictive Control of DCDC Converters to Mitigate the Effects of Pulsed Power Loads in Naval DC Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 5676-5685	8.9	69
126	Capacity Optimization of Renewable Energy Sources and Battery Storage in an Autonomous Telecommunication Facility. <i>IEEE Transactions on Sustainable Energy</i> , 2014 , 5, 1367-1378	8.2	66
125	Support Vector Machine-Based Islanding and Grid Fault Detection in Active Distribution Networks. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 2385-2403	5.6	61
124	Artificial Intelligence Aided Automated Design for Reliability of Power Electronic Systems. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 7161-7171	7.2	58
123	Model-predictive control based on Takagi-Sugeno fuzzy model for electrical vehicles delayed model. <i>IET Electric Power Applications</i> , 2017 , 11, 918-934	1.8	57
122	A Novel Cloud-Based Platform for Implementation of Oblivious Power Routing for Clusters of Microgrids. <i>IEEE Access</i> , 2017 , 5, 607-619	3.5	56
121	On Detection of False Data in Cooperative DC Microgrids: A Discordant Element Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 6562-6571	8.9	56
120	Inertia Response Improvement in AC Microgrids: A Fuzzy-Based Virtual Synchronous Generator Control. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 4321-4331	7.2	55
119	Review on Advanced Control Technologies for Bidirectional DC/DC Converters in DC Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 1205-1221	5.6	55

118	High-Bandwidth Secondary Voltage and Frequency Control of VSC-Based AC Microgrid. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 11320-11331	7.2	54
117	Economic dispatch of virtual power plants in an event-driven service-oriented framework using standards-based communications. <i>Electric Power Systems Research</i> , 2011 , 81, 2108-2119	3.5	54
116	Anti-Islanding Protection of PV-Based Microgrids Consisting of PHEVs Using SVMs. <i>IEEE Transactions on Smart Grid</i> , 2020 , 11, 483-500	10.7	54
115	. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 6674-6685	7.2	53
114	Improved Stabilization of Nonlinear DC Microgrids: Cubature Kalman Filter Approach. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 5104-5112	4.3	53
113	Detection of False Data Injection Cyber-Attacks in DC Microgrids Based on Recurrent Neural Networks. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 1-1	5.6	51
112	Tracking Control for a DC Microgrid Feeding Uncertain Loads in More Electric Aircraft: Adaptive Backstepping Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 5644-5652	8.9	51
111	Graphical Evaluation of Time-Delay Compensation Techniques for Digitally Controlled Converters. <i>IEEE Transactions on Power Electronics</i> , 2018 , 33, 2601-2614	7.2	48
110	Current-Sensorless Finite-Set Model Predictive Control for LC-Filtered Voltage Source Inverters. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1086-1095	7.2	48
109	Dynamic consensus algorithm based distributed global efficiency optimization of a droop controlled DC microgrid 2014 ,		46
108	Flywheel-Based Distributed Bus Signalling Strategy for the Public Fast Charging Station. <i>IEEE Transactions on Smart Grid</i> , 2014 , 5, 2825-2835	10.7	46
107	Robust and Fast Voltage-Source-Converter (VSC) Control for Naval Shipboard Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 8299-8303	7.2	45
106	Design of Quadratic D-Stable Fuzzy Controller for DC Microgrids With Multiple CPLs. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 4805-4812	8.9	43
105	Robust Non-Fragile Fuzzy Control of Uncertain DC Microgrids Feeding Constant Power Loads. <i>IEEE Transactions on Power Electronics</i> , 2019 , 34, 11300-11308	7.2	40
104	Modeling, stability analysis and active stabilization of multiple DC-microgrid clusters 2014 ,		40
103	EKF-Based Predictive Stabilization of Shipboard DC Microgrids With Uncertain Time-Varying Load. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019 , 7, 901-909	5.6	40
102	The Future 5G Network-Based Secondary Load Frequency Control in Shipboard Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 836-844	5.6	40
101	An Offset-Free Composite Model Predictive Control Strategy for DC/DC Buck Converter Feeding Constant Power Loads. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 5331-5342	7.2	40

100	Model Predictive Control for Dual-Active-Bridge Converters Supplying Pulsed Power Loads in Naval DC Micro-Grids. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1957-1966	7.2	39
99	Robust Frequency Regulation in Mobile Microgrids: HIL Implementation. <i>IEEE Systems Journal</i> , 2019 , 13, 4281-4291	4.3	37
98	An optimal general type-2 fuzzy controller for Urban Traffic Network. <i>ISA Transactions</i> , 2017 , 66, 335-343	3.5	36
97	Time-Delayed Stabilizing Secondary Load Frequency Control of Shipboard Microgrids. <i>IEEE Systems Journal</i> , 2019 , 13, 3233-3241	4.3	36
96	Adaptive TS Fuzzy-Based MPC for DC Microgrids With Dynamic CPLs: Nonlinear Power Observer Approach. <i>IEEE Systems Journal</i> , 2019 , 13, 3203-3210	4.3	35
95	Cyber Security in Control of Grid-Tied Power Electronic Converters—Challenges and Vulnerabilities. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 1-1	5.6	34
94	Analytical Design and Performance Validation of Finite Set MPC Regulated Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 2004-2014	8.9	33
93	Distributed consensus-based control of multiple DC-microgrids clusters 2014 ,		32
92	. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 5197-5203	8.9	32
91	Multiagent based distributed control for state-of-charge balance of distributed energy storage in DC microgrids 2014 ,		31
90	Latest Advances of Model Predictive Control in Electrical Drives—Part I: Basic Concepts and Advanced Strategies. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	30
89	Model Predictive Control-Based Virtual Inertia Emulator for an Islanded Alternating Current Microgrid. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 7167-7177	8.9	29
88	A device-level service-oriented middleware platform for self-manageable DC microgrid applications utilizing semantic-enabled distributed energy resources. <i>International Journal of Electrical Power and Energy Systems</i> , 2014 , 54, 576-588	5.1	28
87	Software-Defined Microgrid Control for Resilience Against Denial-of-Service Attacks. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 5258-5268	10.7	28
86	Constrained Modulated Model-Predictive Control of an LC-Filtered Voltage-Source Converter. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1967-1977	7.2	28
85	Bipolar DC Power Conversion: State-of-the-Art and Emerging Technologies. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 1192-1204	5.6	27
84	Predictive Control Based DC Microgrid Stabilization With the Dual Active Bridge Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 8944-8956	8.9	25
83	Distributed Screening of Hijacking Attacks in DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 7574-7582	7.2	25

82	Multi-agent-based distributed state of charge balancing control for distributed energy storage units in AC microgrids 2015 ,		24
81	2014 ,		24
80	Flexible System Integration and Advanced Hierarchical Control Architectures in the Microgrid Research Laboratory of Aalborg University. <i>IEEE Transactions on Industry Applications</i> , 2015 , 1-1	4.3	23
79	Supervised Imitation Learning of Finite-Set Model Predictive Control Systems for Power Electronics. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 1717-1723	8.9	23
78	Advanced Control Methods for Power Converters in DG Systems and Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 5847-5862	8.9	23
77	Nonlinear Model Predictive Speed Control of Electric Vehicles Represented by Linear Parameter Varying Models With Bias Terms. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019 , 7, 2081-2089	5.6	22
76	Robust Quasi-Predictive Control of $\$LCL\$$ -Filtered Grid Converters. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 1934-1946	7.2	22
75	Decentralized Model Predictive Control of DC Microgrids With Constant Power Load. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 451-460	5.6	22
74	Multilayer Resilience Paradigm Against Cyber Attacks in DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 2522-2532	7.2	21
73	Power Conditioning of Distribution Networks via Single-Phase Electric Vehicles Equipped. <i>IEEE Systems Journal</i> , 2019 , 13, 3433-3442	4.3	20
72	An Event-Driven Resilient Control Strategy for DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 13714-13724	7.2	20
71	A Distributed Fixed-Time Secondary Controller for DC Microgrid Clusters. <i>IEEE Transactions on Energy Conversion</i> , 2019 , 34, 1997-2007	5.4	19
70	Optimal utilization of microgrids supplemented with battery energy storage systems in grid support applications 2015 ,		19
69	Optimal planning and operation management of a ship electrical power system with energy storage system 2016 ,		19
68	Multi Objective Modulated Model Predictive Control of Stand-Alone Voltage Source Converters. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 8, 2559-2571	5.6	19
67	False Data Injection Cyber-Attacks Mitigation in Parallel DC/DC Converters Based on Artificial Neural Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 717-721	3.5	19
66	Detection and Mitigation of False Data in Cooperative DC Microgrids With Unknown Constant Power Loads. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 9565-9577	7.2	19
65	Resilient Operation of Heterogeneous Sources in Cooperative DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 12601-12605	7.2	18

64	Optimization with system damping restoration for droop controlled DC-DC converters 2013 ,		18
63	Interconnected Autonomous AC Microgrids via Back-to-Back ConvertersPart I: Small-Signal Modeling. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 4728-4740	7.2	18
62	Model Predictive Control of LC-Filtered Voltage Source Inverters With Optimal Switching Sequence. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 3422-3436	7.2	17
61	TS Fuzzy Model-Based Controller Design for a Class of Nonlinear Systems Including Nonsmooth Functions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 233-244	7.3	16
60	An Improved Fault-Tolerant Control Scheme for Cascaded H-Bridge STATCOM With Higher Attainable Balanced Line-to-Line Voltages. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2784-2797	8.9	16
59	Decentralized Coordinated Cyberattack Detection and Mitigation Strategy in DC Microgrids Based on Artificial Neural Networks. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 4629-4638	5.6	16
58	Hierarchical control with virtual resistance optimization for efficiency enhancement and State-of-Charge balancing in DC microgrids 2015 ,		15
57	Robust High-Rate Secondary Control of Microgrids With Mitigation of Communication Impairments. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 12486-12496	7.2	14
56	A Linear Inertial Response Emulation for Variable Speed Wind Turbines. <i>IEEE Transactions on Power Systems</i> , 2020 , 35, 1198-1208	7	14
55	Quantitative Feedback Design-Based Robust PID Control of Voltage Mode Controlled DC-DC Boost Converter. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 286-290	3.5	14
54	Moving Discretized Control Set Model-Predictive Control for Dual-Active Bridge With the Triple-Phase Shift. <i>IEEE Transactions on Power Electronics</i> , 2020 , 35, 8624-8637	7.2	13
53	A Novel Operation Scheme for Modular Multilevel Converter With Enhanced Ride-Through Capability of Submodule Faults. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 1258-1268	5.6	13
52	Battery state-of-charge and parameter estimation algorithm based on Kalman filter 2013 ,		12
51	Supervisory Energy-Management Systems for Microgrids: Modeling and Formal Verification. <i>IEEE Industrial Electronics Magazine</i> , 2019 , 13, 26-37	6.2	11
50	Fuzzy droop control loops adjustment for stored energy balance in distributed energy storage system 2015 ,		11
49	Adaptive Control Design for Autonomous Operation of Multiple Energy Storage Systems in Power Smoothing Applications. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 6612-6624	8.9	11
48	Coordinated power control strategy based on primary-frequency-signaling for islanded microgrids 2013 ,		10
47	Improved Distributed Prescribed Finite-Time Secondary Control of Inverter-Based Microgrids: Design and Real-Time Implementation. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 11135-11145	8.9	10

46	Composite Robust Quasi-Sliding Mode Control of DCDC Buck Converter With Constant Power Loads. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 1455-1464	5.6	10
45	. <i>IEEE Transactions on Power Systems</i> , 2019 , 34, 3616-3625	7	9
44	Hybrid Model Predictive Control of DCDC Boost Converters With Constant Power Load. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 1347-1356	5.4	9
43	2016 ,		9
42	Advanced Control Methods for Power Converters in Distributed Generation Systems and Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 8866-8869	8.9	7
41	Resonance damping techniques for grid-connected voltage source converters with LCL filters DA review 2014 ,		7
40	Stored energy balance for distributed PV-based active generators in an AC microgrid 2015 ,		7
39	Machine Learning Emulation of Model Predictive Control for Modular Multilevel Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 11628-11634	8.9	7
38	Impedance-Based Stability Evaluation for Multibus DC Microgrid Without Constraints on Subsystems. <i>IEEE Transactions on Power Electronics</i> , 2022 , 37, 932-943	7.2	7
37	A Novel Sliding-Discrete-Control-Set Modulated Model Predictive Control for Modular Multilevel Converter. <i>IEEE Access</i> , 2021 , 9, 10316-10327	3.5	7
36	Decentralized Frequency Control of AC Microgrids: An Estimation-Based Consensus Approach. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2020 , 1-1	5.6	6
35	Voltage scheduling droop control for State-of-Charge balance of distributed energy storage in DC microgrids 2014 ,		6
34	Sensorless Control of DC Microgrid Based on Artificial Intelligence. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 2319-2329	5.4	6
33	State-Space Modeling Techniques of Emerging Grid-Connected Converters. <i>Energies</i> , 2020 , 13, 4824	3.1	5
32	Control of single-phase islanded PV/battery streetlight cluster based on power-line signaling 2013 ,		5
31	Intelligent Multiobjective NSBGA-II Control of Power Converters in DC Microgrids. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 10806-10814	8.9	5
30	On Addressing the Security and Stability Issues Due to False Data Injection Attacks in DC Microgrids An Adaptive Observer Approach. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	5
29	FS-MPC Based Thermal Stress Balancing and Reliability Analysis for NPC Converters. <i>IEEE Open Journal of Power Electronics</i> , 2021 , 2, 124-137	2.5	5

28	Power flow analysis for DC voltage droop controlled DC microgrids 2014 ,		4
27	Recent Advances in Control, Analysis and Design of DC Distribution Systems and Microgrids. <i>Electric Power Components and Systems</i> , 2017 , 45, 1031-1031	1	4
26	Modeling and sensitivity analysis of consensus algorithm based distributed hierarchical control for DC microgrids 2015 ,		4
25	Distributed low voltage ride-through operation of power converters in grid-connected microgrids under voltage sags 2015 ,		4
24	Zonal protection of DC swarm microgrids using a novel multi-terminal grid interface with decentralized control 2015 ,		4
23	A Unified Distributed Cooperative Control of DC Microgrids Using Consensus Protocol. <i>IEEE Transactions on Smart Grid</i> , 2021 , 12, 1880-1892	10.7	4
22	An Emergency Active and Reactive Power Exchange Solution for Interconnected Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2019 , 1-1	5.6	4
21	An Analysis of Multi Objective Energy Scheduling in PV-BESS System Under Prediction Uncertainty. <i>IEEE Transactions on Energy Conversion</i> , 2021 , 36, 2276-2286	5.4	4
20	Statistical Model Checking for Finite-Set Model Predictive Control Converters: A Tutorial on Modeling and Performance Verification. <i>IEEE Industrial Electronics Magazine</i> , 2019 , 13, 6-15	6.2	3
19	Distributed cooperative control of multi flywheel energy storage system for electrical vehicle fast charging stations 2015 ,		3
18	Modeling and control of flexible HEV charging station upgraded with flywheel energy storage 2014 ,		3
17	Dynamic consensus algorithm based distributed voltage harmonic compensation in islanded microgrids 2015 ,		3
16	A novel robust communication algorithm for distributed secondary control of islanded MicroGrids 2013 ,		3
15	Modelling different scenarios of Virtual Power Plant operating possibilities 2010 ,		3
14	Cyber-Resilient Sliding Mode Consensus Secondary Control Scheme for Islanded AC Microgrids. <i>IEEE Transactions on Power Electronics</i> , 2021 , 1-1	7.2	3
13	Clustering-Based Penalty Signal Design for Flexibility Utilization. <i>IEEE Access</i> , 2020 , 8, 208850-208860	3.5	3
12	A Model Predictive Control Considering Parameters and System Uncertainties for Suppressing Low-Frequency Oscillations of Traction Dual Rectifiers. <i>IEEE Transactions on Transportation Electrification</i> , 2021 , 7, 1031-1046	7.6	3
11	Optimal Filter Design for Power Converters Regulated by FCS-MPC in the MEA. <i>IEEE Transactions on Power Electronics</i> , 2021 , 36, 3258-3268	7.2	3

10	Control of single-phase islanded PV/battery minigrids based on power-line signaling 2014 ,		2
9	Flexible local load controller for fast electric vehicle charging station supplemented with flywheel energy storage system 2014 ,		2
8	A single phase seven-level grid-connected inverter based on three reference SPWM strategy 2014 ,		2
7	Guest Editorial Special Issue on Topology, Modeling, Control, and Reliability of Bidirectional DC/DC Converters in DC Microgrids. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 1188-1191	5.6	2
6	Machine Learning Based Operating Region Extension of Modular Multilevel Converters Under Unbalanced Grid Faults. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 4554-4560	8.9	2
5	Modular power architectures for microgrid clusters 2014 ,		1
4	Stability constrained efficiency optimization for droop controlled DC-DC conversion system 2013 ,		1
3	Agent-based distributed unbalance compensation for optimal power quality in islanded microgrids 2014 ,		1
2	Coordinated primary and secondary control with frequency-bus-signaling for distributed generation and storage in islanded microgrids 2013 ,		1
1	Individually Regulated Dual-Output IPT System Based on Current-Mode Switching Cells. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 12930-12934	8.9	1