

Ali Davoudi

List of Publications by Year in descending order

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182
papers

10,172
citations

50244

46
h-index

36008

97
g-index

184
all docs

184
docs citations

184
times ranked

6604
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Structure of Microgrids Control System. IEEE Transactions on Smart Grid, 2012, 3, 1963-1976.	6.2	1,214
2	Distributed Cooperative Control of DC Microgrids. IEEE Transactions on Power Electronics, 2015, 30, 2288-2303.	5.4	713
3	Distributed Cooperative Secondary Control of Microgrids Using Feedback Linearization. IEEE Transactions on Power Systems, 2013, 28, 3462-3470.	4.6	700
4	Control and Circuit Techniques to Mitigate Partial Shading Effects in Photovoltaic Arrays. IEEE Journal of Photovoltaics, 2012, 2, 532-546.	1.5	414
5	Secondary control of microgrids based on distributed cooperative control of multi-agent systems. IET Generation, Transmission and Distribution, 2013, 7, 822-831.	1.4	408
6	Distributed Consensus-Based Economic Dispatch With Transmission Losses. IEEE Transactions on Power Systems, 2014, 29, 1711-1720.	4.6	372
7	Distributed Adaptive Droop Control for DC Distribution Systems. IEEE Transactions on Energy Conversion, 2014, 29, 944-956.	3.7	366
8	Droop-Free Distributed Control for AC Microgrids. IEEE Transactions on Power Electronics, 2016, 31, 1600-1617.	5.4	248
9	Distributed Tertiary Control of DC Microgrid Clusters. IEEE Transactions on Power Electronics, 2016, 31, 1717-1733.	5.4	231
10	Synchrophasor Measurement Technology in Power Systems: Panorama and State-of-the-Art. IEEE Access, 2014, 2, 1607-1628.	2.6	216
11	A Multiobjective Distributed Control Framework for Islanded AC Microgrids. IEEE Transactions on Industrial Informatics, 2014, 10, 1785-1798.	7.2	214
12	Detection of False-Data Injection Attacks in Cyber-Physical DC Microgrids. IEEE Transactions on Industrial Informatics, 2017, 13, 2693-2703.	7.2	211
13	A Unified Approach to Reliability Assessment of Multiphase DC-DC Converters in Photovoltaic Energy Conversion Systems. IEEE Transactions on Power Electronics, 2012, 27, 739-751.	5.4	205
14	Numerical state-space average-value modeling of PWM DC-DC converters operating in DCM and CCM. IEEE Transactions on Power Electronics, 2006, 21, 1003-1012.	5.4	198
15	Distributed Finite-Time Voltage and Frequency Restoration in Islanded AC Microgrids. IEEE Transactions on Industrial Electronics, 2016, 63, 5988-5997.	5.2	176
16	A Distributed Auction-Based Algorithm for the Nonconvex Economic Dispatch Problem. IEEE Transactions on Industrial Informatics, 2014, 10, 1124-1132.	7.2	159
17	Applications of Real-Time Simulation Technologies in Power and Energy Systems. IEEE Power and Energy Technology Systems Journal, 2015, 2, 103-115.	3.5	149
18	Resilient adaptive and controls of multi-agent systems under sensor and actuator faults. Automatica, 2019, 102, 19-26.	3.0	131

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19	A Multiple-Input Multiple-Output DC-DC Converter. IEEE Transactions on Industry Applications, 2013, 49, 1464-1479.	3.3	124
20	Output Containment Control of Linear Heterogeneous Multi-Agent Systems Using Internal Model Principle. IEEE Transactions on Cybernetics, 2017, 47, 2099-2109.	6.2	124
21	A Multi-Functional Fully Distributed Control Framework for AC Microgrids. IEEE Transactions on Smart Grid, 2018, 9, 3247-3258.	6.2	123
22	Synchrony in Networked Microgrids Under Attacks. IEEE Transactions on Smart Grid, 2018, 9, 6731-6741.	6.2	117
23	Distributed Adaptive Voltage Control of Inverter-Based Microgrids. IEEE Transactions on Energy Conversion, 2014, 29, 862-872.	3.7	107
24	Optimal, Nonlinear, and Distributed Designs of Droop Controls for DC Microgrids. IEEE Transactions on Smart Grid, 2014, 5, 2508-2516.	6.2	107
25	Resilient Cooperative Control of DC Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 1083-1085.	6.2	95
26	Signal Temporal Logic-Based Attack Detection in DC Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 3585-3595.	6.2	90
27	Optimal Synchronization of Heterogeneous Nonlinear Systems With Unknown Dynamics. IEEE Transactions on Automatic Control, 2018, 63, 117-131.	3.6	87
28	Time-Varying Output Formation Containment of General Linear Homogeneous and Heterogeneous Multiagent Systems. IEEE Transactions on Control of Network Systems, 2019, 6, 537-548.	2.4	83
29	Adaptive output containment control of heterogeneous multi-agent systems with unknown leaders. Automatica, 2018, 92, 235-239.	3.0	79
30	Resilient and Robust Synchronization of Multiagent Systems Under Attacks on Sensors and Actuators. IEEE Transactions on Cybernetics, 2020, 50, 1240-1250.	6.2	78
31	Interfacing Power System and ICT Simulators: Challenges, State-of-the-Art, and Case Studies. IEEE Transactions on Smart Grid, 2018, 9, 14-24.	6.2	77
32	Modular DC-DC Converters on Graphs: Cooperative Control. IEEE Transactions on Power Electronics, 2014, 29, 6725-6741.	5.4	76
33	Unifying Distributed Dynamic Optimization and Control of Islanded DC Microgrids. IEEE Transactions on Power Electronics, 2017, 32, 2329-2346.	5.4	75
34	Team-Oriented Load Sharing in Parallel DC-DC Converters. IEEE Transactions on Industry Applications, 2015, 51, 479-490.	3.3	72
35	A Distributed Feedforward Approach to Cooperative Control of AC Microgrids. IEEE Transactions on Power Systems, 2016, 31, 4057-4067.	4.6	71
36	Scalable Real-Time Electric Vehicles Charging With Discrete Charging Rates. IEEE Transactions on Smart Grid, 2015, 6, 2211-2220.	6.2	69

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37	Single-stage multi-port DC-DC converter topology. IET Power Electronics, 2013, 6, 392-403.	1.5	63
38	Towards Building an Optimal Demand Response Framework for DC Distribution Networks. IEEE Transactions on Smart Grid, 2014, 5, 2626-2634.	6.2	62
39	Distributed Resilient Secondary Control of DC Microgrids Against Unbounded Attacks. IEEE Transactions on Smart Grid, 2020, 11, 3850-3859.	6.2	59
40	Optimal Robust Output Containment of Unknown Heterogeneous Multiagent System Using Off-Policy Reinforcement Learning. IEEE Transactions on Cybernetics, 2018, 48, 3197-3207.	6.2	57
41	Charge It!. IEEE Power and Energy Magazine, 2011, 9, 54-64.	1.6	56
42	Fully Distributed Resilience for Adaptive Exponential Synchronization of Heterogeneous Multiagent Systems Against Actuator Faults. IEEE Transactions on Automatic Control, 2019, 64, 3347-3354.	3.6	55
43	Parasitics Realization in State-Space Average-Value Modeling of PWM DC-DC Converters Using an Equal Area Method. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1960-1967.	0.1	54
44	Resilient Networked AC Microgrids Under Unbounded Cyber Attacks. IEEE Transactions on Smart Grid, 2020, 11, 3785-3794.	6.2	53
45	Realization of parasitics in state-space average-value modeling of PWM DC-DC converters. IEEE Transactions on Power Electronics, 2006, 21, 1142-1147.	5.4	50
46	Synchronization of nonlinear heterogeneous cooperative systems using input-output feedback linearization. Automatica, 2014, 50, 2578-2585.	3.0	50
47	Application of Balanced Realizations for Model-Order Reduction of Dynamic Power System Equivalents. IEEE Transactions on Power Delivery, 2016, 31, 2304-2312.	2.9	50
48	Multiple-input boost converter to minimize power losses due to partial shading in photovoltaic modules. , 2010, , .		47
49	Reliability Analysis Framework for Structural Redundancy in Power Semiconductors. IEEE Transactions on Industrial Electronics, 2013, 60, 4376-4386.	5.2	43
50	Game-Theoretic Control of Active Loads in DC Microgrids. IEEE Transactions on Energy Conversion, 2016, 31, 882-895.	3.7	42
51	Alternative Time-Invariant Multi-Frequency Modeling of PWM DC-DC Converters. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 3069-3079.	3.5	41
52	Review of Hardware Platforms for Real-Time Simulation of Electric Machines. IEEE Transactions on Transportation Electrification, 2017, 3, 130-146.	5.3	41
53	Distributed Noise-Resilient Networked Synchrony of Active Distribution Systems. IEEE Transactions on Smart Grid, 2018, 9, 836-846.	6.2	40
54	Distributed adaptive droop control for DC microgrids. , 2014, , .		36

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55	Distributed Power Profile Tracking for Heterogeneous Charging of Electric Vehicles. IEEE Transactions on Smart Grid, 2017, 8, 2090-2099.	6.2	36
56	Bipartite output containment of general linear heterogeneous multi-agent systems on signed digraphs. IET Control Theory and Applications, 2018, 12, 1180-1188.	1.2	36
57	Optimization-Based AC Microgrid Synchronization. IEEE Transactions on Industrial Informatics, 2017, 13, 2339-2349.	7.2	35
58	Adaptive Output Formation-Tracking of Heterogeneous Multi-Agent Systems Using Time-Varying L_2 -Gain Design. , 2018, 2, 236-241.		35
59	A multi-port dc-dc converter with independent outputs for vehicular applications. , 2011, , .		33
60	Power Budgeting Between Diversified Energy Sources and Loads Using a Multiple-Input Multiple-Output DC-DC Converter. IEEE Transactions on Industry Applications, 2013, 49, 2761-2772.	3.3	30
61	Multi-Resolution Modeling of Power Electronics Circuits Using Model-Order Reduction Techniques. IEEE Transactions on Circuits and Systems I: Regular Papers, 2013, 60, 810-823.	3.5	29
62	Integrating photovoltaic inverter reliability into energy yield estimation with Markov models. , 2010, , .		28
63	High-Fidelity Magnetic Characterization and Analytical Model Development for Switched Reluctance Machines. IEEE Transactions on Magnetics, 2013, 49, 1505-1515.	1.2	28
64	Output Power Maximization and Optimal Symmetric Freewheeling Excitation for Switched Reluctance Generators. IEEE Transactions on Industry Applications, 2013, 49, 1031-1042.	3.3	28
65	Model Validation of PWM DC-DC Converters. IEEE Transactions on Industrial Electronics, 2017, 64, 7049-7059.	5.2	28
66	A Unified Dynamic Characterization Framework for Microgrid Systems. Electric Power Components and Systems, 2011, 40, 93-111.	1.0	26
67	Dynamic Model Development and Variable Switching-Frequency Control for DCVM n Converters in PFC Applications. IEEE Transactions on Industry Applications, 2013, 49, 2636-2650.	3.3	26
68	Accelerated Simulation of High-Fidelity Models of Supercapacitors Using Waveform Relaxation Techniques. IEEE Transactions on Power Electronics, 2013, 28, 4903-4909.	5.4	26
69	Finite-time frequency synchronization in microgrids. , 2014, , .		26
70	Reliability assessment of fault-tolerant Dc-Dc converters for photovoltaic applications. , 2009, , .		25
71	Distributed solution for the economic dispatch problem. , 2013, , .		25
72	Guest Editorial: Special Section on Smart DC Distribution Systems. IEEE Transactions on Smart Grid, 2014, 5, 2473-2475.	6.2	24

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73	Capacitor Design Considering First Swing Stability of Distributed Generations. IEEE Transactions on Power Systems, 2012, 27, 1941-1948.	4.6	23
74	Numerical Dynamic Characterization of Peak Current-Mode-Controlled DC-DC Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 906-910.	2.2	22
75	Resilient Output Containment of Heterogeneous Cooperative and Adversarial Multigroup Systems. IEEE Transactions on Automatic Control, 2020, 65, 3104-3111.	3.6	22
76	Distributed Assistive Control of Power Buffers in DC Microgrids. IEEE Transactions on Energy Conversion, 2017, 32, 1396-1406.	3.7	20
77	Reduced-Order Modeling of High-Fidelity Magnetic Equivalent Circuits. IEEE Transactions on Power Electronics, 2009, 24, 2847-2855.	5.4	19
78	Reduced-Order Dynamic Modeling of Multiple-Winding Power Electronic Magnetic Components. IEEE Transactions on Power Electronics, 2012, 27, 2220-2226.	5.4	19
79	Bipartite output synchronization of heterogeneous multiagent systems on signed digraphs. International Journal of Robust and Nonlinear Control, 2018, 28, 4017-4031.	2.1	19
80	Cyber-Physical Anomaly Detection in Microgrids Using Time-Frequency Logic Formalism. IEEE Access, 2021, 9, 20012-20021.	2.6	19
81	Averaged-Switch Modeling of Fourth-Order PWM DC-DC Converters Considering Conduction Losses in Discontinuous Mode. IEEE Transactions on Power Electronics, 2007, 22, 2410-2415.	5.4	18
82	Automated System Identification of Digitally-Controlled Multi-phase DC-DC Converters. , 2009, , .		18
83	Team-oriented adaptive droop control for autonomous AC microgrids. , 2014, , .		18
84	Steady-state characterization of multi-phase, interleaved Dc-Dc converters for photovoltaic applications. , 2009, , .		17
85	A MIMO topology with series outputs: An interface between diversified energy sources and diode-clamped multilevel inverter. , 2012, , .		17
86	A nonisolated multiple-input multiple-output DC-DC converter for DC distribution of future energy efficient homes. , 2014, , .		17
87	Distributed cooperative load sharing in parallel DC-DC converters. , 2014, , .		17
88	Dynamic Event-Triggered Distributed Secondary Control of DC Microgrids. IEEE Transactions on Power Electronics, 2022, 37, 10226-10238.	5.4	17
89	Assistive Power Buffer Control via Adaptive Dynamic Programming. IEEE Transactions on Energy Conversion, 2020, 35, 1534-1546.	3.7	15
90	Toward consensus-based balancing of smart batteries. , 2014, , .		14

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91	Static outputâ€feedback synchronisation of multiâ€agent systems: a secure and unified approach. IET Control Theory and Applications, 2018, 12, 1095-1106.	1.2	13
92	Distributed Dynamic Event-Triggered Control of Power Buffers in DC Microgrids. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7748-7759.	5.9	12
93	Frequency control of electric power microgrids using distributed cooperative control of multi-agent systems. , 2013, , .		11
94	Distributed cooperative control of nonlinear and non-identical multi-agent systems. , 2013, , .		11
95	Development of Data Translators for Interfacing Power-Flow Programs With EMTP-Type Programs: Challenges and Lessons Learned. IEEE Transactions on Power Delivery, 2013, 28, 1192-1201.	2.9	11
96	Two-layer distributed cooperative control of multi-inverter microgrids. , 2014, , .		11
97	Data-Driven Sparsity-Promoting Optimal Control of Power Buffers in DC Microgrids. IEEE Transactions on Energy Conversion, 2021, 36, 1919-1930.	3.7	11
98	Data-Driven Inverse Reinforcement Learning Control for Linear Multiplayer Games. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 2028-2041.	7.2	11
99	Eddy Current Modeling with Order-Reduction in Magnetic Equivalent Circuits. , 2007, , .		10
100	Reliability analysis for single-phase photovoltaic inverters with reactive power support. , 2011, , .		10
101	A global maximum power point tracking method for PV module integrated converters. , 2012, , .		10
102	Excitation Shifting: A General Low-Cost Solution for Eliminating Ultra-Low-Frequency Torque Ripple in Switched Reluctance Machines. IEEE Transactions on Magnetics, 2013, 49, 5135-5149.	1.2	10
103	ANALYTICAL DERIVATION OF INDUCTION MOTORS INDUCTANCES UNDER ECCENTRICITY CONDITIONS. Progress in Electromagnetics Research B, 2014, 60, 95-110.	0.7	10
104	Control and Modeling of Microgrids. Advances in Industrial Control, 2017, , 7-43.	0.4	10
105	Small-Signal Stability-Constrained Optimal Power Flow for Inverter Dominant Autonomous Microgrids. IEEE Transactions on Industrial Electronics, 2022, 69, 7318-7328.	5.2	10
106	Topology-Cognizant Optimal Power Flow in Multi-Terminal DC Grids. IEEE Transactions on Power Systems, 2021, 36, 4588-4598.	4.6	10
107	Optimal Reconfiguration of DC Networks. IEEE Transactions on Power Systems, 2020, 35, 4272-4284.	4.6	10
108	Computer-Aided Dynamic Characterization of Fourth-Order PWM DCâ€DC Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2008, 55, 1021-1025.	2.2	9

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109	Optimal demand response in DC distribution networks. , 2013, , .		9
110	Distributed control for AC shipboard power systems. , 2013, , .		9
111	Cooperative power management in DC microgrid clusters. , 2015, , .		9
112	Impact of charging interruptions in coordinated electric vehicle charging. , 2016, , .		9
113	A Simple Explicit Method of Representing Magnetic Saturation of Salient-Pole Synchronous Machines in Both Rotor Axes Using Matlab-Simulink. , 2007, , .		8
114	Averaged-circuit modeling of line-commutated rectifiers for transient simulation programs. , 2010, , .		8
115	Comparative reliability study of hybrid energy storage systems in hybrid electric vehicles. , 2012, , .		8
116	Consensus-based Approach for the Economic Dispatch Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3140-3145.	0.4	8
117	Distributed optimal dispatch for DC distribution networks. , 2015, , .		8
118	A unified approach to output synchronization of heterogeneous multi-agent systems via L2-gain design. Control Theory and Technology, 2017, 15, 340-353.	1.0	8
119	Microgrid dynamics characterization using the automated state model generation algorithm. , 2010, , .		7
120	Noise-resilient synchrony of AC microgrids. , 2015, , .		7
121	Distributed Adaptive Nash Equilibrium Solution for Differential Graphical Games. IEEE Transactions on Cybernetics, 2023, 53, 2275-2287.	6.2	7
122	Optimal output synchronization of nonlinear multi-agent systems using approximate dynamic programming. , 2016, , .		7
123	Optimal Power Flow in AC/DC Microgrids With Enhanced Interlinking Converter Modeling. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2022, 3, 527-537.	3.0	7
124	Referenceâ€change response assignment for pulseâ€widthâ€modulated dcâ€dc converters. IET Power Electronics, 2014, 7, 1414-1423.	1.5	6
125	Cooperative frequency control for autonomous AC Microgrids. , 2015, , .		6
126	Hardware-Assisted Simulation of Voltage-Behind-Reactance Models of Electric Machines on FPGA. IEEE Transactions on Energy Conversion, 2020, 35, 1247-1257.	3.7	6

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127	Application of synergetic control theory to non-sinusoidal PMSMs via multiple reference frame theory. , 2008, , .		5
128	Multifrequency modeling of a multiple-input Dc-Dc converter. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	5
129	Maximum power point tracking feasibility in photovoltaic energy-conversion systems. , 2010, , .		5
130	Adaptive and distributed control of nonlinear and heterogeneous multi-agent systems. , 2013, , .		5
131	Droop-free team-oriented control for AC distribution systems. , 2015, , .		5
132	Distributed Assistive Control of DC Microgrids. Advances in Industrial Control, 2017, , 211-237.	0.4	5
133	Parametric Average-Value Modeling of Multiple-Input Buck Converters. , 2007, , .		4
134	Reduced order, high-fidelity modeling of energy storage units in vehicular power systems. , 2011, , .		4
135	Induction Machine Parameterization From Limited Transient Data Using Convex Optimization. IEEE Transactions on Industrial Electronics, 2022, 69, 1254-1265.	5.2	4
136	Droop-Free Distributed Control of AC Microgrids. Advances in Industrial Control, 2017, , 141-171.	0.4	4
137	Considering Source Dynamics in Computer-Aided Parametric Average-Value Modeling of PWM Converters. , 2006, , .		3
138	Low-Order Dynamic Magnetic Equivalent Circuits of Saturated Steel Laminations. , 2007, , .		3
139	Realization of Parasitics in the Stability of Dc-Dc Converters Loaded by Constant-Power Loads in Discontinuous Conduction Mode. , 2007, , .		3
140	Accelerated state-variable modeling of synchronous machine-converter systems. , 2008, , .		3
141	Dual-stage converter to improve transfer efficiency and maximum power point tracking feasibility in photovoltaic energy-conversion systems. , 2010, , .		3
142	Output power maximization and optimal symmetric freewheeling excitation for Switched Reluctance Generators. , 2012, , .		3
143	Simulation-based dynamic characterization of transformer-isolated machine-rectifier systems. , 2012, , .		3
144	Topology design of isolated multiport converters for smart DC distribution systems. , 2015, , .		3

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145	Guest Editorial Modeling and Control of Electrified Vehicles and Transportation Systems. IEEE Transactions on Transportation Electrification, 2016, 2, 115-118.	5.3	3
146	ATLAS TileCal low voltage power supply upgrade hardware and testing. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 936, 112-114.	0.7	3
147	Dual-Band Reduced-Order Model of an HVDC Link Embedded Into a Power Network for EMT Studies. IEEE Transactions on Energy Conversion, 2020, 35, 416-424.	3.7	3
148	A General Framework for Automated Tuning of Digital Controllers in Multi-phase Dc-Dc Converters. , 2009, , .		2
149	Hall sensor-based Locking Electric Differential System for BLDC motor driven electric vehicles. , 2012, , .		2
150	Power budgeting between diversified energy sources and loads using a multiple-input multiple-output DC-DC converter. , 2013, , .		2
151	Sculpting the dynamic response of PWM dc-dc converters in an arbitrary shape using WPI control technique. , 2013, , .		2
152	Toward intelligent fault classification in autonomous microgrids. , 2015, , .		2
153	Active loads of a microgrid as players in a differential game. , 2015, , .		2
154	Data-Driven Optimal Structured Control for Unknown Symmetric Systems. , 2020, , .		2
155	Macromodeling of Electric Machines From Ab Initio Models. IEEE Transactions on Energy Conversion, 2020, 35, 908-916.	3.7	2
156	Partial-Update Kalman Filter for Permanent Magnet Synchronous Motor Estimates Under Intermittent Data. IEEE Access, 2022, 10, 67305-67315.	2.6	2
157	Dynamic modeling of stand-alone micro-wind turbine generator systems for telecommunication power supply. , 2008, , .		1
158	Multi-resolution simulation of PWM Dc-Dc converters. , 2008, , .		1
159	Physical variable modeling of multiphase induction machines. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	1
160	Variable-resolution simulation of nonlinear power circuits. , 2010, , .		1
161	Optimization of permanent magnet brushless machine for biomechanical energy harvesting applications. , 2011, , .		1
162	Accelerated simulation of ultracapacitors using waveform relaxation method. , 2012, , .		1

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163	Flexible simulation of multi-frequency averaged and high-fidelity switch-level models with control loops. , 2012, , .		1
164	Discrete-time modeling of multiple-input DC energy conversion systems. , 2013, , .		1
165	Guest Editorial Advanced Distributed Control of Energy Conversion Devices and Systems. IEEE Transactions on Energy Conversion, 2014, 29, 819-822.	3.7	1
166	Introduction to Multi-agent Cooperative Control. Advances in Industrial Control, 2017, , 45-65.	0.4	1
167	Guest Editorial Joint Special Section on Power Conversion & Control in Photovoltaic Power Plants. IEEE Transactions on Energy Conversion, 2019, 34, 159-160.	3.7	1
168	Observation of State and Topology in DC Networks. IEEE Transactions on Power Systems, 2021, 36, 879-890.	4.6	1
169	Formal Online Resiliency Monitoring in Microgrids. , 2020, , .		1
170	Distributed Control of AC Microgrids. Advances in Industrial Control, 2017, , 67-98.	0.4	1
171	Computer-Aided Average-Value Modeling of Fourth-Order PWM DC-DC Converters. , 2007, , .		0
172	Computer-Aided Average-Value Modeling of Peak Current-Mode Controlled Dc-Dc Converters Considering Parasitics. , 2007, , .		0
173	Nonlinear order reduction in dynamic magnetic equivalent circuits of electromechanic actuators: Incorporating relative motion and back EMF. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	0
174	Torque sharing between V/F controlled vehicular wheels under slippery ground conditions. , 2012, , .		0
175	Order-reduction techniques for magnetic components in power electronics. , 2012, , .		0
176	Guest Editorial Special Section on Advanced Modeling, Simulation, Control, and Optimization Paradigms for Vehicular Power Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 2998-3000.	3.9	0
177	Control, Analysis, and Modeling of Vehicular Systems. Mathematical Problems in Engineering, 2014, 2014, 1-3.	0.6	0
178	Distributed multi-agent control of parallel Cúk converters using feedback linearization. , 2014, , .		0
179	Unifying distributed synchrony and optimality in DC microgrids. , 2015, , .		0
180	Cooperative Control for DC Microgrids. Advances in Industrial Control, 2017, , 173-209.	0.4	0

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181	Robust Bipartite Output Containment of Heterogeneous Non-introspective MAS on Signed Digraphs. , 2018, , .		0
182	Multi-objective and Adaptive Distributed Control of AC Microgrids. Advances in Industrial Control, 2017, , 99-139.	0.4	0