Ali Davoudi

List of Publications by Year
in descending order

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	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
2	Distributed Adaptive Nash Equilibrium Solution for Differential Graphical Games. IEEE Transactions on Cybernetics, 2023, 53, 2275-2287.	6.2	7
3	Small-Signal Stability-Constrained Optimal Power Flow for Inverter Dominant Autonomous Microgrids. IEEE Transactions on Industrial Electronics, 2022, 69, 7318-7328.	5.2	10
4	Induction Machine Parameterization From Limited Transient Data Using Convex Optimization. IEEE Transactions on Industrial Electronics, 2022, 69, 1254-1265.	5.2	4
5	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
6	Dynamic Event-Triggered Distributed Secondary Control of DC Microgrids. IEEE Transactions on Power Electronics, 2022, 37, 10226-10238.	5.4	17
7	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
8	Partial-Update Kalman Filter for Permanent Magnet Synchronous Motor Estimates Under Intermittent Data. IEEE Access, 2022, 10, 67305-67315.	2.6	2
9	Observation of State and Topology in DC Networks. IEEE Transactions on Power Systems, 2021, 36, 879-890.	4.6	1
10	Cyber-Physical Anomaly Detection in Microgrids Using Time-Frequency Logic Formalism. IEEE Access, 2021, 9, 20012-20021.	2.6	19
11	Topology-Cognizant Optimal Power Flow in Multi-Terminal DC Grids. IEEE Transactions on Power Systems, 2021, 36, 4588-4598.	4.6	10
12	Data-Driven Sparsity-Promoting Optimal Control of Power Buffers in DC Microgrids. IEEE Transactions on Energy Conversion, 2021, 36, 1919-1930.	3.7	11
13	Resilient and Robust Synchronization of Multiagent Systems Under Attacks on Sensors and Actuators. IEEE Transactions on Cybernetics, 2020, 50, 1240-1250.	6.2	78
14	Resilient Output Containment of Heterogeneous Cooperative and Adversarial Multigroup Systems. IEEE Transactions on Automatic Control, 2020, 65, 3104-3111.	3.6	22
15	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
16	Data-Driven Optimal Structured Control for Unknown Symmetric Systems. , 2020, , .		2
17	Distributed Resilient Secondary Control of DC Microgrids Against Unbounded Attacks. IEEE Transactions on Smart Grid, 2020, 11, 3850-3859.	6.2	59
18	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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19	Resilient Networked AC Microgrids Under Unbounded Cyber Attacks. IEEE Transactions on Smart Grid, 2020, 11, 3785-3794.	6.2	53
20	Assistive Power Buffer Control via Adaptive Dynamic Programming. IEEE Transactions on Energy Conversion, 2020, 35, 1534-1546.	3.7	15
21	Macromodeling of Electric Machines From Ab Initio Models. IEEE Transactions on Energy Conversion, 2020, 35, 908-916.	3.7	2
22	Formal Online Resiliency Monitoring in Microgrids. , 2020, , .		1
23	Optimal Reconfiguration of DC Networks. IEEE Transactions on Power Systems, 2020, 35, 4272-4284.	4.6	10
24	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
25	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
26	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
27	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
28	Resilient adaptive and H_∞ controls of multi-agent systems under sensor and actuator faults. Automatica, 2019, 102, 19-26.	3.0	131
29	Resilient Cooperative Control of DC Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 1083-1085.	6.2	95
30	Signal Temporal Logic-Based Attack Detection in DC Microgrids. IEEE Transactions on Smart Grid, 2019, 10, 3585-3595.	6.2	90
31	Adaptive Output Formation-Tracking of Heterogeneous Multi-Agent Systems Using Time-Varying $\mathcal {L}_{2}$ -Gain Design. , 2018, 2, 236-241.		35
32	Adaptive output containment control of heterogeneous multi-agent systems with unknown leaders. Automatica, 2018, 92, 235-239.	3.0	79
33	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
34	Distributed Noise-Resilient Networked Synchrony of Active Distribution Systems. IEEE Transactions on Smart Grid, 2018, 9, 836-846.	6.2	40
35	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
36	A Multi-Functional Fully Distributed Control Framework for AC Microgrids. IEEE Transactions on Smart Grid, 2018, 9, 3247-3258.	6.2	123

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37	Optimal Synchronization of Heterogeneous Nonlinear Systems With Unknown Dynamics. IEEE Transactions on Automatic Control, 2018, 63, 117-131.	3.6	87
38	Synchrony in Networked Microgrids Under Attacks. IEEE Transactions on Smart Grid, 2018, 9, 6731-6741.	6.2	117
39	Robust Bipartite Output Containment of Heterogeneous Non-introspective MAS on Signed Digraphs. , 2018, , .		0
40	Bipartite output synchronization of heterogeneous multiagent systems on signed digraphs. International Journal of Robust and Nonlinear Control, 2018, 28, 4017-4031.	2.1	19
41	Bipartite output containment of general linear heterogeneous multiâ€agent systems on signed digraphs. IET Control Theory and Applications, 2018, 12, 1180-1188.	1.2	36
42	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
43	Distributed Power Profile Tracking for Heterogeneous Charging of Electric Vehicles. IEEE Transactions on Smart Grid, 2017, 8, 2090-2099.	6.2	36
44	Unifying Distributed Dynamic Optimization and Control of Islanded DC Microgrids. IEEE Transactions on Power Electronics, 2017, 32, 2329-2346.	5.4	75
45	Output Containment Control of Linear Heterogeneous Multi-Agent Systems Using Internal Model Principle. IEEE Transactions on Cybernetics, 2017, 47, 2099-2109.	6.2	124
46	Detection of False-Data Injection Attacks in Cyber-Physical DC Microgrids. IEEE Transactions on Industrial Informatics, 2017, 13, 2693-2703.	7.2	211
47	Introduction to Multi-agent Cooperative Control. Advances in Industrial Control, 2017, , 45-65.	0.4	1
48	Distributed Assistive Control of DC Microgrids. Advances in Industrial Control, 2017, , 211-237.	0.4	5
49	Review of Hardware Platforms for Real-Time Simulation of Electric Machines. IEEE Transactions on Transportation Electrification, 2017, 3, 130-146.	5.3	41
50	Control and Modeling of Microgrids. Advances in Industrial Control, 2017, , 7-43.	0.4	10
51	Cooperative Control for DC Microgrids. Advances in Industrial Control, 2017, , 173-209.	0.4	0
52	Optimization-Based AC Microgrid Synchronization. IEEE Transactions on Industrial Informatics, 2017, 13, 2339-2349.	7.2	35
53	Distributed Assistive Control of Power Buffers in DC Microgrids. IEEE Transactions on Energy Conversion, 2017, 32, 1396-1406.	3.7	20
54	Model Validation of PWM DCâ€"DC Converters. IEEE Transactions on Industrial Electronics, 2017, 64, 7049-7059.	5.2	28

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55	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
56	Droop-Free Distributed Control of AC Microgrids. Advances in Industrial Control, 2017, , 141-171.	0.4	4
57	Multi-objective and Adaptive Distributed Control of AC Microgrids. Advances in Industrial Control, 2017, , 99-139.	0.4	0
58	Distributed Control of AC Microgrids. Advances in Industrial Control, 2017, , 67-98.	0.4	1
59	Guest Editorial Modeling and Control of Electrified Vehicles and Transportation Systems. IEEE Transactions on Transportation Electrification, 2016, 2, 115-118.	5.3	3
60	Game-Theoretic Control of Active Loads in DC Microgrids. IEEE Transactions on Energy Conversion, 2016, 31, 882-895.	3.7	42
61	Impact of charging interruptions in coordinated electric vehicle charging. , 2016, , .		9
62	Distributed Finite-Time Voltage and Frequency Restoration in Islanded AC Microgrids. IEEE Transactions on Industrial Electronics, 2016, 63, 5988-5997.	5.2	176
63	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
64	A Distributed Feedforward Approach to Cooperative Control of AC Microgrids. IEEE Transactions on Power Systems, 2016, 31, 4057-4067.	4.6	71
65	Droop-Free Distributed Control for AC Microgrids. IEEE Transactions on Power Electronics, 2016, 31, 1600-1617.	5.4	248
66	Distributed Tertiary Control of DC Microgrid Clusters. IEEE Transactions on Power Electronics, 2016, 31, 1717-1733.	5.4	231
67	Optimal output synchronization of nonlinear multi-agent systems using approximate dynamic programming. , 2016, , .		7
68	Toward intelligent fault classification in autonomous microgrids. , 2015, , .		2
69	Topology design of isolated multiport converters for smart DC distribution systems. , 2015, , .		3
70	Scalable Real-Time Electric Vehicles Charging With Discrete Charging Rates. IEEE Transactions on Smart Grid, 2015, 6, 2211-2220.	6.2	69
71	Cooperative frequency control for autonomous AC Microgrids. , 2015, , .		6
72	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

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73	Distributed optimal dispatch for DC distribution networks. , 2015, , .		8
74	Droop-free team-oriented control for AC distribution systems. , 2015, , .		5
75	Active loads of a microgrid as players in a differential game. , 2015, , .		2
76	Noise-resilient synchrony of AC microgrids. , 2015, , .		7
77	Cooperative power management in DC microgrid clusters. , 2015, , .		9
78	Unifying distributed synchrony and optimality in DC microgrids. , 2015, , .		0
79	Distributed Cooperative Control of DC Microgrids. IEEE Transactions on Power Electronics, 2015, 30, 2288-2303.	5.4	713
80	Team-Oriented Load Sharing in Parallel DC–DC Converters. IEEE Transactions on Industry Applications, 2015, 51, 479-490.	3.3	72
81	ANALYTICAL DERIVATION OF INDUCTION MOTORS INDUCTANCES UNDER ECCENTRICITY CONDITIONS. Progress in Electromagnetics Research B, 2014, 60, 95-110.	0.7	10
82	Synchrophasor Measurement Technology in Power Systems: Panorama and State-of-the-Art. IEEE Access, 2014, 2, 1607-1628.	2.6	216
83	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
84	Team-oriented adaptive droop control for autonomous AC microgrids. , 2014, , .		18
85	A nonisolated multiple-input multiple-output DC-DC converter for DC distribution of future energy efficient homes. , 2014, , .		17
86	Control, Analysis, and Modeling of Vehicular Systems. Mathematical Problems in Engineering, 2014, 2014, 1-3.	0.6	0
87	Guest Editorial Advanced Distributed Control of Energy Conversion Devices and Systems. IEEE Transactions on Energy Conversion, 2014, 29, 819-822.	3.7	1
88	Modular DC–DC Converters on Graphs: Cooperative Control. IEEE Transactions on Power Electronics, 2014, 29, 6725-6741.	5.4	76
89	Towards Building an Optimal Demand Response Framework for DC Distribution Networks. IEEE Transactions on Smart Grid, 2014, 5, 2626-2634.	6.2	62
90	A Distributed Auction-Based Algorithm for the Nonconvex Economic Dispatch Problem. IEEE Transactions on Industrial Informatics, 2014, 10, 1124-1132.	7.2	159

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91	Distributed Adaptive Voltage Control of Inverter-Based Microgrids. IEEE Transactions on Energy Conversion, 2014, 29, 862-872.	3.7	107
92	Toward consensus-based balancing of smart batteries. , 2014, , .		14
93	Finite-time frequency synchronization in microgrids. , 2014, , .		26
94	Distributed multi-agent control of parallel C&#x00FA;k converters using feedback linearization. , 2014, , .		0
95	A Multiobjective Distributed Control Framework for Islanded AC Microgrids. IEEE Transactions on Industrial Informatics, 2014, 10, 1785-1798.	7.2	214
96	Referenceâ€change response assignment for pulseâ€widthâ€modulated dcâ€“dc converters. IET Power Electronics, 2014, 7, 1414-1423.	1.5	6
97	Distributed Adaptive Droop Control for DC Distribution Systems. IEEE Transactions on Energy Conversion, 2014, 29, 944-956.	3.7	366
98	Two-layer distributed cooperative control of multi-inverter microgrids. , 2014, , .		11
99	Optimal, Nonlinear, and Distributed Designs of Droop Controls for DC Microgrids. IEEE Transactions on Smart Grid, 2014, 5, 2508-2516.	6.2	107
100	Distributed cooperative load sharing in parallel DC-DC converters. , 2014, , .		17
101	Guest Editorial: Special Section on Smart DC Distribution Systems. IEEE Transactions on Smart Grid, 2014, 5, 2473-2475.	6.2	24
102	Distributed Consensus-Based Economic Dispatch With Transmission Losses. IEEE Transactions on Power Systems, 2014, 29, 1711-1720.	4.6	372
103	Synchronization of nonlinear heterogeneous cooperative systems using inputâ€“output feedback linearization. Automatica, 2014, 50, 2578-2585.	3.0	50
104	Distributed adaptive droop control for DC microgrids. , 2014, , .		36
105	Consensus-based Approach for the Economic Dispatch Problem. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 3140-3145.	0.4	8
106	A Multiple-Input Multiple-Output DCâ€“DC Converter. IEEE Transactions on Industry Applications, 2013, 49, 1464-1479.	3.3	124
107	Distributed Cooperative Secondary Control of Microgrids Using Feedback Linearization. IEEE Transactions on Power Systems, 2013, 28, 3462-3470.	4.6	700
108	Secondary control of microgrids based on distributed cooperative control of multiâ€agent systems. IET Generation, Transmission and Distribution, 2013, 7, 822-831.	1.4	408

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110	Reliability Analysis Framework for Structural Redundancy in Power Semiconductors. IEEE Transactions on Industrial Electronics, 2013, 60, 4376-4386.	5.2	43
111	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
112	Optimal demand response in DC distribution networks. , 2013, , .		9
113	Power budgeting between diversified energy sources and loads using a multiple-input multiple-output DC-DC converter. , 2013, , .		2
114	Sculpting the dynamic response of PWM dc-dc converters in an arbitrary shape using WPI control technique. , 2013, , .		2
115	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
116	Discrete-time modeling of multiple-input DC energy conversion systems. , 2013, , .		1
117	High-Fidelity Magnetic Characterization and Analytical Model Development for Switched Reluctance Machines. IEEE Transactions on Magnetics, 2013, 49, 1505-1515.	1.2	28
118	Output Power Maximization and Optimal Symmetric Freewheeling Excitation for Switched Reluctance Generators. IEEE Transactions on Industry Applications, 2013, 49, 1031-1042.	3.3	28
119	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
120	Dynamic Model Development and Variable Switching-Frequency Control for DCVM CÃºk Converters in PFC Applications. IEEE Transactions on Industry Applications, 2013, 49, 2636-2650.	3.3	26
121	Frequency control of electric power microgrids using distributed cooperative control of multi-agent systems. , 2013, , .		11
122	Adaptive and distributed control of nonlinear and heterogeneous multi-agent systems. , 2013, , .		5
123	Distributed solution for the economic dispatch problem. , 2013, , .		25
124	Single‐stage multi‐port DC–DC converter topology. IET Power Electronics, 2013, 6, 392-403.	1.5	63
125	Distributed cooperative control of nonlinear and non-identical multi-agent systems. , 2013, , .		11
126	Accelerated Simulation of High-Fidelity Models of Supercapacitors Using Waveform Relaxation Techniques. IEEE Transactions on Power Electronics, 2013, 28, 4903-4909.	5.4	26

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127	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
128	Distributed control for AC shipboard power systems. , 2013, , .		9
129	Torque sharing between V/F controlled vehicular wheels under slippery ground conditions. , 2012, , .		0
130	Reduced-Order Dynamic Modeling of Multiple-Winding Power Electronic Magnetic Components. IEEE Transactions on Power Electronics, 2012, 27, 2220-2226.	5.4	19
131	Output power maximization and optimal symmetric freewheeling excitation for Switched Reluctance Generators. , 2012, , .		3
132	Comparative reliability study of hybrid energy storage systems in hybrid electric vehicles. , 2012, , .		8
133	Order-reduction techniques for magnetic components in power electronics. , 2012, , .		0
134	Accelerated simulation of ultracapacitors using waveform relaxation method. , 2012, , .		1
135	Simulation-based dynamic characterization of transformer-isolated machine-rectifier systems. , 2012, , .		3
136	Flexible simulation of multi-frequency averaged and high-fidelity switch-level models with control loops. , 2012, , .		1
137	A global maximum power point tracking method for PV module integrated converters. , 2012, , .		10
138	A Unified Approach to Reliability Assessment of Multiphase DCâ€“DC Converters in Photovoltaic Energy Conversion Systems. IEEE Transactions on Power Electronics, 2012, 27, 739-751.	5.4	205
139	Capacitor Design Considering First Swing Stability of Distributed Generations. IEEE Transactions on Power Systems, 2012, 27, 1941-1948.	4.6	23
140	A MIMO topology with series outputs: An interface between diversified energy sources and diode-clamped multilevel inverter. , 2012, , .		17
141	Control and Circuit Techniques to Mitigate Partial Shading Effects in Photovoltaic Arrays. IEEE Journal of Photovoltaics, 2012, 2, 532-546.	1.5	414
142	Hall sensor-based Locking Electric Differential System for BLDC motor driven electric vehicles. , 2012, , .		2
143	Hierarchical Structure of Microgrids Control System. IEEE Transactions on Smart Grid, 2012, 3, 1963-1976.	6.2	1,214
144	Reduced order, high-fidelity modeling of energy storage units in vehicular power systems. , 2011, , .		4

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145	Charge It!. IEEE Power and Energy Magazine, 2011, 9, 54-64.	1.6	56
146	A multi-port dc-dc converter with independent outputs for vehicular applications. , 2011, , .		33
147	Optimization of permanent magnet brushless machine for biomechanical energy harvesting applications. , 2011, , .		1
148	A Unified Dynamic Characterization Framework for Microgrid Systems. Electric Power Components and Systems, 2011, 40, 93-111.	1.0	26
149	Reliability analysis for single-phase photovoltaic inverters with reactive power support. , 2011, , .		10
150	Multiple-input boost converter to minimize power losses due to partial shading in photovoltaic modules. , 2010, , .		47
151	Variable-resolution simulation of nonlinear power circuits. , 2010, , .		1
152	Integrating photovoltaic inverter reliability into energy yield estimation with Markov models. , 2010, , .		28
153	Averaged-circuit modeling of line-commutated rectifiers for transient simulation programs. , 2010, , .		8
154	Microgrid dynamics characterization using the automated state model generation algorithm. , 2010, , .		7
155	Maximum power point tracking feasibility in photovoltaic energy-conversion systems. , 2010, , .		5
156	Dual-stage converter to improve transfer efficiency and maximum power point tracking feasibility in photovoltaic energy-conversion systems. , 2010, , .		3
157	Automated System Identification of Digitally-Controlled Multi-phase DC-DC Converters. , 2009, , .		18
158	Reliability assessment of fault-tolerant Dc-Dc converters for photovoltaic applications. , 2009, , .		25
159	Reduced-Order Modeling of High-Fidelity Magnetic Equivalent Circuits. IEEE Transactions on Power Electronics, 2009, 24, 2847-2855.	5.4	19
160	Numerical Dynamic Characterization of Peak Current-Mode-Controlled DCâ€"DC Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 906-910.	2.2	22
161	Steady-state characterization of multi-phase, interleaved Dc-Dc converters for photovoltaic applications. , 2009, , .		17
162	A General Framework for Automated Tuning of Digital Controllers in Multi-phase Dc-Dc Converters. , 2009, , .		2

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163	Application of synergetic control theory to non-sinusoidal PMSMs via multiple reference frame theory. , 2008, , .		5
164	Multifrequency modeling of a multiple-input Dc-Dc converter. Power Electronics Specialist Conference (PESC), IEEE, 2008, , .	0.0	5
165	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
166	Dynamic modeling of stand-alone micro-wind turbine generator systems for telecommunicati on power supply. , 2008, , .		1
167	Multi-resolution simulation of PWM Dc-Dc converters. , 2008, , .		1
168	Accelerated state-variable modeling of synchronous machine-converter systems. , 2008, , .		3
169	Physical variable modeling of multiphase induction machines. Canadian Conference on Electrical and Computer Engineering, 2008, , .	0.0	1
170	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
171	Computer-Aided Average-Value Modeling of Fourth-Order PWM DC-DC Converters. , 2007, , .		0
172	Parametric Average-Value Modeling of Multiple-Input Buck Converters. , 2007, , .		4
173	Computer-Aided Average-Value Modeling of Peak Current-Mode Controlled Dc-Dc Converters Considering Parasitics. , 2007, , .		0
174	Eddy Current Modeling with Order-Reduction in Magnetic Equivalent Circuits. , 2007, , .		10
175	Parasitics Realization in State-Space Average-Value Modeling of PWM DC&#x2013;DC Converters Using an Equal Area Method. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2007, 54, 1960-1967.	0.1	54
176	Low-Order Dynamic Magnetic Equivalent Circuits of Saturated Steel Laminations. , 2007, , .		3
177	A Simple Explicit Method of Representing Magnetic Saturation of Salient-Pole Synchronous Machines in Both Rotor Axes Using Matlab-Simulink. , 2007, , .		8
178	Realization of Parasitics in the Stability of Dc-Dc Converters Loaded by Constant-Power Loads in Discontinuous Conduction Mode. , 2007, , .		3
179	Averaged-Switch Modeling of Fourth-Order PWM DCâ€"DC Converters Considering Conduction Losses in Discontinuous Mode. IEEE Transactions on Power Electronics, 2007, 22, 2410-2415.	5.4	18
180	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

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181	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
182	Considering Source Dynamics in Computer-Aided Parameteric Average-Value Modeling of PWM Converters. , 2006, , .		3