

# Yun Zhang

## List of Publications by Citations

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158  
papers

2,995  
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32  
h-index

50  
g-index

174  
ext. papers

4,020  
ext. citations

5.5  
avg, IF

6.09  
L-index

#	Paper	IF	Citations
158	Fuzzy Adaptive Quantized Control for a Class of Stochastic Nonlinear Uncertain Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 524-34	10.2	197
157	Adaptive Fuzzy Control for a Class of Stochastic Pure-Feedback Nonlinear Systems With Unknown Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 140-152	8.3	128
156	Adaptive Consensus of Nonlinear Multi-Agent Systems With Non-Identical Partially Unknown Control Directions and Bounded Modelling Errors. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 4654-4659	5.9	126
155	Adaptive neural control for a class of nonlinear time-varying delay systems with unknown hysteresis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 2129-40	10.3	115
154	Adaptive Tracking Control for A Class of Nonlinear Systems With a Fuzzy Dead-Zone Input. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 193-204	8.3	107
153	Adaptive Neural Output Feedback Control of Output-Constrained Nonlinear Systems With Unknown Output Nonlinearity. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 1789-802	10.3	98
152	Adaptive fuzzy output-feedback controller design for nonlinear systems via backstepping and small-gain approach. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 1714-25	10.2	95
151	A Switched-Capacitor Bidirectional DCDC Converter With Wide Voltage Gain Range for Electric Vehicles With Hybrid Energy Sources. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 9459-9469	7.2	89
150	Fuzzy Adaptive Inverse Compensation Method to Tracking Control of Uncertain Nonlinear Systems With Generalized Actuator Dead Zone. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 191-204	8.3	83
149	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 7771-7781	6.8	83
148	Adjustable Proportional Hybrid SVPWM Strategy for Neutral-Point-Clamped Three-Level Inverters. <i>IEEE Transactions on Industrial Electronics</i> , <b>2013</b> , 60, 4234-4242	8.9	73
147	A Wide Input-Voltage Range Quasi-Z-Source Boost DCDC Converter With High-Voltage Gain for Fuel Cell Vehicles. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 5201-5212	8.9	68
146	Adaptive Quantized Controller Design Via Backstepping and Stochastic Small-Gain Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2016</b> , 24, 330-343	8.3	68
145	Neural Adaptive Event-Triggered Control for Nonlinear Uncertain Stochastic Systems With Unknown Hysteresis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 3300-3312	10.3	62
144	Adaptive Fuzzy Tracking Control of Nonlinear Systems With Asymmetric Actuator Backlash Based on a New Smooth Inverse. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1250-62	10.2	60
143	Interleaved Switched-Capacitor Bidirectional DC-DC Converter With Wide Voltage-Gain Range for Energy Storage Systems. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 3852-3869	7.2	58
142	Adaptive asymptotic tracking control of uncertain nonlinear system with input quantization. <i>Systems and Control Letters</i> , <b>2016</b> , 96, 23-29	2.4	53

141	DCDC Boost Converter With a Wide Input Range and High Voltage Gain for Fuel Cell Vehicles. <i>IEEE Transactions on Power Electronics</i> , <b>2019</b> , 34, 4100-4111	7.2	53
140	Asymmetric Actuator Backlash Compensation in Quantized Adaptive Control of Uncertain Networked Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 294-307	10.3	51
139	Wide Input-Voltage Range Boost Three-Level DCDC Converter With Quasi-Z Source for Fuel Cell Vehicles. <i>IEEE Transactions on Power Electronics</i> , <b>2017</b> , 32, 6728-6738	7.2	51
138	Hybrid Boost Three-Level DCDC Converter With High Voltage Gain for Photovoltaic Generation Systems. <i>IEEE Transactions on Power Electronics</i> , <b>2013</b> , 28, 3659-3664	7.2	50
137	A Common Ground Switched-Quasi-Z-Source Bidirectional DCDC Converter With Wide-Voltage-Gain Range for EVs With Hybrid Energy Sources. <i>IEEE Transactions on Industrial Electronics</i> , <b>2018</b> , 65, 5188-5200	8.9	45
136	Hybrid Switched-Capacitor/Switched-Quasi-Z-Source Bidirectional DCDC Converter With a Wide Voltage Gain Range for Hybrid Energy Sources EVs. <i>IEEE Transactions on Industrial Electronics</i> , <b>2019</b> , 66, 2680-2690	8.9	42
135	Fuzzy Adaptive Compensation Control of Uncertain Stochastic Nonlinear Systems With Actuator Failures and Input Hysteresis. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2-13	10.2	41
134	Adaptive Neural Control of a Class of Stochastic Nonlinear Uncertain Systems With Guaranteed Transient Performance. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2971-2981	10.2	41
133	Event Trigger Fuzzy Adaptive Compensation Control of Uncertain Stochastic Nonlinear Systems With Actuator Failures. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 3770-3781	8.3	40
132	An Impedance Network Boost Converter With a High-Voltage Gain. <i>IEEE Transactions on Power Electronics</i> , <b>2017</b> , 32, 6661-6665	7.2	37
131	Single-Switch, Wide Voltage-Gain Range, Boost DCDC Converter for Fuel Cell Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 134-145	6.8	36
130	An Efficient Control Strategy for a Five-Level Inverter Comprising Flying-Capacitor Asymmetric H-Bridge. <i>IEEE Transactions on Industrial Electronics</i> , <b>2011</b> , 58, 4000-4009	8.9	35
129	Event-Triggered Neural Control of Nonlinear Systems With Rate-Dependent Hysteresis Input Based on a New Filter. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 1270-1284	10.3	35
128	A Method for the Suppression of Fluctuations in the Neutral-Point Potential of a Three-Level NPC Inverter With a Capacitor-Voltage Loop. <i>IEEE Transactions on Power Electronics</i> , <b>2017</b> , 32, 825-836	7.2	34
127	Adaptive quantized fuzzy control of stochastic nonlinear systems with actuator dead-zone. <i>Information Sciences</i> , <b>2016</b> , 370-371, 385-401	7.7	32
126	Adaptive Fuzzy Output-Feedback Control for Switched Nonlinear Systems With Stable and Unstable Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 1825-1839	8.3	32
125	Adaptive compensation for infinite number of actuator failures based on tuning function approach. <i>Automatica</i> , <b>2018</b> , 87, 365-374	5.7	31
124	A Switched-Capacitor Interleaved Bidirectional Converter With Wide Voltage-Gain Range for Super Capacitors in EVs. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 1536-1547	7.2	30

123	Adaptive Consensus Tracking Control of Uncertain Nonlinear Multiagent Systems With Predefined Accuracy. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 405-415	10.2	30
122	Adaptive fuzzy quantized control of time-delayed nonlinear systems with communication constraint. <i>Fuzzy Sets and Systems</i> , <b>2017</b> , 314, 61-78	3.7	25
121	Adaptive Compensation for Infinite Number of Time-Varying Actuator Failures in Fuzzy Tracking Control of Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 474-486	8.3	25
120	LLC resonant converter topologies and industrial applications – A review. <i>Chinese Journal of Electrical Engineering</i> , <b>2020</b> , 6, 73-84	4	24
119	Adaptive fuzzy output feedback control for nonlinear systems based on event-triggered mechanism. <i>Information Sciences</i> , <b>2019</b> , 486, 419-433	7.7	21
118	An Improved Deadbeat Control Method for Single-Phase PWM Rectifiers in Charging System for EVs. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 9672-9681	6.8	20
117	Indirect Adaptive Fuzzy Control Design With Guaranteed Tracking Error Performance For Uncertain Canonical Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1139-1150	8.3	20
116	Event-Triggered Adaptive Fuzzy Control for Uncertain Strict-Feedback Nonlinear Systems With Guaranteed Transient Performance. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 2327-2337	8.3	19
115	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1123-1134	7.3	18
114	Adaptive control of MIMO mechanical systems with unknown actuator nonlinearities based on the Nussbaum gain approach. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2016</b> , 3, 26-34	7	18
113	Adaptive Inversion-Based Fuzzy Compensation Control of Uncertain Pure-Feedback Systems With Asymmetric Actuator Backlash. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 141-155	8.3	16
112	Quantisation-based robust control of uncertain non-strict-feedback non-linear systems under arbitrary switching. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 582-589	2.5	16
111	A Generalized Additional Voltage Pumping Solution for High-Step-Up Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2019</b> , 34, 6456-6467	7.2	16
110	Unique Modular Structure of Multicell High-Boost Converters With Reduced Component Currents. <i>IEEE Transactions on Power Electronics</i> , <b>2018</b> , 33, 7795-7804	7.2	14
109	Adaptive Fuzzy Quantized Control for Nonlinear Systems With Hysteretic Actuator Using a New Filter-Connected Quantizer. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 876-889	10.2	14
108	Model-Free H <sub>∞</sub> Optimal Tracking Control of Constrained Nonlinear Systems via an Iterative Adaptive Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4097-4108 <sup>14</sup>	7.3	14
107	Privacy-Preserving Federated Deep Learning with Irregular Users. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2020</b> , 1-1	3.9	13
106	Distributed adaptive neural control for uncertain multi-agent systems with unknown actuator failures and unknown dead zones. <i>Nonlinear Dynamics</i> , <b>2020</b> , 99, 1001-1017	5	13

105	Adaptive Fuzzy Tracking Control of Uncertain Nonlinear Systems Subject to Actuator Dead Zone With Piecewise Time-Varying Parameters. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1493-1505	8.3	13
104	Adaptive Neural Quantized Control for a Class of MIMO Switched Nonlinear Systems With Asymmetric Actuator Dead-Zone. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 1927-1941	10.3	13
103	A Low-Current Ripple and Wide Voltage-Gain Range Bidirectional DCDC Converter With Coupled Inductor. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 1525-1535	7.2	13
102	Adaptive neural control for switched nonlinear systems with unmodeled dynamics and unknown output hysteresis. <i>Neurocomputing</i> , <b>2019</b> , 341, 107-117	5.4	12
101	Control Design and Performance Analysis of a Double-Switched LLC Resonant Rectifier for Unity Power Factor and Soft-Switching. <i>IEEE Access</i> , <b>2020</b> , 8, 44511-44521	3.5	12
100	Event-Triggered Adaptive Fuzzy Tracking Control With Guaranteed Transient Performance for MIMO Nonlinear Uncertain Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 736-749	10.2	12
99	Distributed adaptive cooperative control for uncertain nonlinear multi-agent systems with hysteretic quantized input. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 4645-4663	4	11
98	Second-Harmonic Ripple Voltage Suppression of Integrated Single-Phase Pulsewidth Modulation Rectifier Charging System for EVs. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 3616-3626	7.2	11
97	Adaptive inverse compensation for actuator backlash with piecewise time-varying parameters. <i>International Journal of Control</i> , <b>2018</b> , 91, 337-345	1.5	9
96	A Bidirectional Three-level DC-DC Converter with a Wide Voltage Conversion Range for Hybrid Energy Source Electric Vehicles. <i>Journal of Power Electronics</i> , <b>2017</b> , 17, 334-345	0.9	9
95	Fixed-Time Fuzzy Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	9
94	Adaptive Fuzzy control of switched nonlinear systems with uncertain dead-zone: A mode-dependent fuzzy dead-zone model. <i>Neurocomputing</i> , <b>2021</b> , 432, 133-144	5.4	9
93	Event-Triggered Adaptive Fuzzy Tracking Control for Uncertain Nonlinear Systems Preceded by Unknown Prandtl-Ishlinskii Hysteresis. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2979-2992	10.2	9
92	Forming a Reliable Hybrid Microgrid Using Electric Spring Coupled With Non-Sensitive Loads and ESS. <i>IEEE Transactions on Smart Grid</i> , <b>2020</b> , 11, 2867-2879	10.7	8
91	A Multiple Modular Isolated DC/DC Converter With Bidirectional Fault Handling and Efficient Energy Conversion for DC Distribution Network. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 11502-11517	7.2	8
90	. <i>IEEE Transactions on Power Delivery</i> , <b>2020</b> , 35, 1330-1338	4.3	8
89	Integrated High- and Low-Frequency Current RippleSuppressions in a Single-Phase Onboard Charger for EVs. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 36, 1717-1729	7.2	8
88	Adaptive Control of Noncanonical Neural-Network Nonlinear Systems With Unknown Input Dead-Zone Characteristics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 3346-3360	10.3	7

87	Advanced four-mode-modulation-based four-switch non-inverting buckBoost converter with extra operation zone. <i>IET Power Electronics</i> , <b>2020</b> , 13, 2049-2059	2.2	7
86	Adaptive Fuzzy Output Feedback Quantized Control for Uncertain Nonlinear Hysteretic Systems Using a New Feedback-Based Quantizer. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1738-1752	8.3	7
85	A Novel Single-InputDual-Output Impedance Network Converter. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2017</b> , 5, 1133-1141	5.6	6
84	Enhanced One-Cycle Control for Multicell Power Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 8846-8856	7.2	6
83	High Ratio Bidirectional DC-DC Converter with a Synchronous Rectification H-Bridge for Hybrid Energy Sources Electric Vehicles. <i>Journal of Power Electronics</i> , <b>2016</b> , 16, 2035-2044	0.9	6
82	Indirect Fuzzy Control of Nonlinear Systems With Unknown Input and State Hysteresis Using an Alternative Adaptive Inverse. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 29, 500-514	8.3	6
81	. <i>IEEE Access</i> , <b>2018</b> , 6, 44351-44361	3.5	5
80	The Software/Hardware Co-Design and Implementation of SM2/3/4 Encryption/Decryption and Digital Signature System. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2020</b> , 39, 2055-2066	2.5	5
79	Towards Accurate Pulmonary Nodule Detection by Representing Nodules as Points With High-Resolution Network. <i>IEEE Access</i> , <b>2020</b> , 8, 157391-157402	3.5	5
78	A Self-Protected Single-Stage LLC Resonant Rectifier. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2021</b> , 9, 3361-3372	5.6	5
77	An Input-Voltage-Sharing Control Strategy of Input-Series-Output-Parallel Isolated Bidirectional DC/DC Converter for DC Distribution Network. <i>IEEE Transactions on Power Electronics</i> , <b>2021</b> , 1-1	7.2	5
76	Multi-Stream Fusion Network With Generalized Smooth L Loss for Single Image Dehazing. <i>IEEE Transactions on Image Processing</i> , <b>2021</b> , 30, 7620-7635	8.7	5
75	First Error-Based Supervised Learning Algorithm for Spiking Neural Networks. <i>Frontiers in Neuroscience</i> , <b>2019</b> , 13, 559	5.1	4
74	Adaptive Modulation Strategy for Modular Multilevel High-Frequency DC Transformer in DC Distribution Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 16397-16408	3.5	4
73	Symmetric Dual-Switch Converter. <i>IEEE Transactions on Power Electronics</i> , <b>2020</b> , 35, 11955-11964	7.2	4
72	Inverse Optimal Design of Direct Adaptive Fuzzy Controllers for Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	4
71	Adaptive Neural Control for Switched Nonlinear Systems With Unstable Dynamic Uncertainties: A Small Gain-Based Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	4
70	An Enhanced Hybrid Switching-Frequency Modulation Strategy for Fuel Cell Vehicle Three-Level DC-DC Converters with Quasi-Z Source. <i>Energies</i> , <b>2018</b> , 11, 1026	3.1	4

69	Four Novel Embedded Z-Source DCDC Converters. <i>IEEE Transactions on Power Electronics</i> , <b>2022</b> , 37, 607-616	7.2	4
68	Extended dimension fuzzy adaptive control for nonlinear uncertain stochastic systems with actuator constraints. <i>Nonlinear Dynamics</i> , <b>2019</b> , 98, 1315-1329	5	3
67	Optimal Multi-Objective Burn-In Policy Based on Time-Transformed Wiener Degradation Process. <i>IEEE Access</i> , <b>2019</b> , 7, 73529-73539	3.5	3
66	A Coupled-Inductor DC-DC Converter with Input Current Ripple Minimization for Fuel Cell Vehicles. <i>Energies</i> , <b>2019</b> , 12, 1689	3.1	3
65	Error evaluation of Judd-Ofelt spectroscopic analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 239, 118536	4.4	3
64	An extendable single-switch n-cell boost converter with high voltage gain and low components stress for renewable energy. <i>International Journal of Circuit Theory and Applications</i> , <b>2020</b> , 48, 817-831	2	3
63	Hybrid space vector PWM strategy for three-level NPC inverters with optimal extension mode <b>2014</b>		3
62	Analysis of temperature/pressure sensitivity of the resonant wavelength of long-period channel waveguide gratings. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2008</b> , 25, 2776-83	1.8	3
61	Review of DC-DC Converter Topologies Based on Impedance Network with Wide Input Voltage Range and High Gain for Fuel Cell Vehicles. <i>Automotive Innovation</i> , <b>2021</b> , 4, 351	1.7	3
60	Neuroadaptive asymptotic consensus tracking control for a class of uncertain nonlinear multiagent systems with sensor faults. <i>Information Sciences</i> , <b>2021</b> , 584, 685-685	7.7	3
59	Suppression Method of Current Harmonic for Three-Phase PWM Rectifier in EV Charging System. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 9634-9642	6.8	3
58	Command filtered neural control of multi-agent systems with input quantization and unknown control direction. <i>Neurocomputing</i> , <b>2021</b> , 430, 47-57	5.4	3
57	Distributed adaptive fuzzy control approach for prescribed-time containment of uncertain nonlinear multi-agent systems with unknown hysteresis. <i>Nonlinear Dynamics</i> , <b>2021</b> , 105, 257-275	5	3
56	Rapid and generalised space vector modulation algorithm for cascaded multilevel converter based on zero-order voltage constraint. <i>IET Power Electronics</i> , <b>2016</b> , 9, 989-996	2.2	3
55	Advanced small-signal-based analytical approach to modelling high-order power converters. <i>IET Power Electronics</i> , <b>2019</b> , 12, 228-236	2.2	3
54	Sneak Circuit Identification of an Improved Boost Converter With Soft-Switching Realization. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2019</b> , 7, 2394-2402	5.6	3
53	. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2021</b> , 9, 1891-1904	5.6	3
52	Direct Adaptive Fuzzy Control Scheme With Guaranteed Tracking Performances For Uncertain Canonical Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	3

51	Prescribed-time containment control with prescribed performance for uncertain nonlinear multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 1782-1811	4	3
50	Sneak Circuit Theory Based Approach to Avoiding Short-Circuit Paths in Reconfigurable Battery Systems. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 12353-12363	8.9	3
49	Design and HIL Realization of an Online Adaptive Dynamic Programming Approach for Real-time Economic Operations of Household Energy Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2021</b> , 1-1	10.7	3
48	A Hybrid Isolated Bidirectional DC/DC Solid-State Transformer for DC Distribution Network. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	2
47	Duty Cycle Control Strategy for Dual-side LCC Resonant Converter in Wireless Power Transfer Systems. <i>IEEE Transactions on Transportation Electrification</i> , <b>2021</b> , 1-1	7.6	2
46	Three-Dimensional Posture Optimization for Biped Robot Stepping over Large Ditch Based on a Ducted-Fan Propulsion System <b>2020</b> ,		2
45	Design of A Two-Dimensional $\square$ Shaped Metamaterial with Wideband, Low Loss. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2019</b> , 29, 1-4	1.8	2
44	Distributed Adaptive Neural Fixed-Time Tracking Control of Multiple Uncertain Mechanical Systems With Actuation Dead Zones. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-14	7.3	2
43	Jet-HR1: Stepping Posture Optimization for Bipedal Robot Over Large Ditch Based on a Ducted-fan Propulsion System* <b>2018</b> ,		2
42	Reliability Modeling and Maintenance Policy Optimization for Deteriorating System Under Random Shock. <i>Journal of Shanghai Jiaotong University (Science)</i> , <b>2018</b> , 23, 791-797	0.6	2
41	Soft-Switching Operation with a Variable Switching Frequency Control for Switched-Quasi-Z-Source Bidirectional DC-DC Converter in EVs. <i>IEEE Transactions on Industrial Electronics</i> , <b>2022</b> , 1-1	8.9	2
40	Comment on "Judd" felt analysis of the Er <sup>3+</sup> (4f <sup>11</sup> ) absorption intensities in Er <sup>3+</sup> -doped garnets" [J. Appl. Phys. 93(5), 2602 (2003)]. <i>Journal of Applied Physics</i> , <b>2020</b> , 127, 116101	2.5	1
39	Motion Planning for Bandaging Task With Abnormal Posture Detection and Avoidance. <i>IEEE/ASME Transactions on Mechatronics</i> , <b>2020</b> , 25, 2364-2375	5.5	1
38	A Deep Quadruplet Network for Local Descriptor Learning. <i>IEEE Access</i> , <b>2020</b> , 8, 16807-16815	3.5	1
37	Vision-Based Adaptive Neural Positioning Control of Quadrotor Aerial Robot. <i>IEEE Access</i> , <b>2019</b> , 7, 75018-75031	8.5	1
36	. <i>IEEE Access</i> , <b>2019</b> , 7, 136106-136115	3.5	1
35	Expression-invariant face recognition using three-dimensional weighted walkthrough and centroid distance. <i>Journal of Electronic Imaging</i> , <b>2015</b> , 24, 053007	0.7	1
34	Adaptive Fuzzy Fixed-Time Control of Switched Systems: Mode-Dependent Power Integrator Method. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-15	7.3	1



33	Motor Driver Based Topology of Integrated On-board Charging System and Data-Driven Inductance Identification Method. <i>IEEE Journal on Emerging and Selected Topics in Circuits and Systems</i> , <b>2022</b> , 1-1	5.2	1
32	Current sharing compensation control method for interleaved current source isolated bidirectional DC/DC converters. <i>Journal of Power Electronics</i> ,1	0.9	1
31	Adaptive neural inverse optimal tracking control for uncertain multi-agent systems. <i>Information Sciences</i> , <b>2021</b> , 584, 31-31	7.7	1
30	A Novel Impedance-Network-Based Electric Spring. <i>IEEE Access</i> , <b>2020</b> , 8, 129123-129135	3.5	1
29	Step-up switched-capacitor multilevel inverter employing multiple inputs with reduced switches. <i>Journal of Power Electronics</i> , <b>2021</b> , 21, 986-997	0.9	1
28	Integral-interval barrier Lyapunov function based control of switched systems with fuzzy saturation-deadzone. <i>Nonlinear Dynamics</i> , <b>2021</b> , 104, 3809	5	1
27	A novel fuzzy control with filter-based event-triggered mechanism for nonlinear uncertain stochastic systems suffered input hysteresis. <i>Fuzzy Sets and Systems</i> , <b>2021</b> ,	3.7	1
26	Adaptive neural consensus tracking control for multi-agent systems with unknown state and input hysteresis. <i>Nonlinear Dynamics</i> , <b>2021</b> , 105, 1625-1641	5	1
25	Optimal Burn-in Strategy for High Reliable Products Using Convolutional Neural Network. <i>IEEE Access</i> , <b>2019</b> , 7, 178511-178521	3.5	1
24	Improved English Immersion Teaching Methods for the Course of Power Electronics for Energy Storage System in China. <i>IEEE Access</i> , <b>2018</b> , 6, 50683-50692	3.5	1
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22	Biomimetic Flip-and-Flap Strategy of Flying Objects for Perching on Inclined Surfaces. <i>IEEE Robotics and Automation Letters</i> , <b>2021</b> , 6, 5199-5206	4.2	1
21	Adaptive neural design of fixed-time controllers for MIMO systems with nonlinear static and dynamic interactions. <i>Neurocomputing</i> , <b>2021</b> , 457, 293-305	5.4	1
20	Replacing All ECs With NECs in Step-Up Converters—A Systematic Approach. <i>IEEE Transactions on Power Electronics</i> , <b>2022</b> , 37, 31-36	7.2	1
19	Adaptive Fixed-Time Neural Control for Uncertain Nonlinear Multiagent Systems.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2022</b> , PP,	10.3	1
18	Boost-type pushpull converter with reduced switches. <i>Journal of Power Electronics</i> , <b>2020</b> , 20, 645-656	0.9	0
17	A General Polynomial Reverse Design of Step-up Converters for EV Battery Applications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	0
16	An AC/DC-Coupled Droop Control Strategy for VSC-Based DC Microgrids. <i>IEEE Transactions on Power Electronics</i> , <b>2022</b> , 1-1	7.2	0

15	Switched-capacitor-based high-gain DCDC converter for fuel cell vehicle powertrain. <i>Journal of Power Electronics</i> , <b>2022</b> , 22, 557	0.9	o
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13	A new recursive least squares-based learning algorithm for spiking neurons. <i>Neural Networks</i> , <b>2021</b> , 138, 110-125	9.1	o
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9	Event-triggered fuzzy control for nonlinear time-delay system with full-state constraints and unknown hysteresis. <i>Journal of the Franklin Institute</i> , <b>2022</b> , 359, 1582-1611	4	o
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6	Study of Split Capacitor DAC Mismatch and Calibration in SAR-ADC. <i>Journal of Circuits, Systems and Computers</i> , <b>2017</b> , 26, 1750003	0.9	
5	Theoretical study of Ti:LiNbO3 strip waveguides in the Mid-infrared. <i>Journal of Modern Optics</i> , <b>2003</b> , 50, 2191-2199	1.1	
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