

Bo-cheng Bao

List of Publications by Year in Descending Order

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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.

183
papers

5,642
citations

44
h-index

68
g-index

195
ext. papers

7,228
ext. citations

3.2
avg, IF

6.61
L-index

#	Paper	IF	Citations
183	A single neuron model with memristive synaptic weight. <i>Chinese Journal of Physics</i> , 2022 , 76, 217-227	3.5	2
182	Infinitely Many Necklace-Shaped Coexisting Attractors in a Nonautonomous Memcapacitive Oscillator. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022 , 32,	2	1
181	Incremental integral reconstitution for detecting initial condition effects. <i>AEU - International Journal of Electronics and Communications</i> , 2022 , 149, 154178	2.8	0
180	Analog/Digital Multiplierless Implementations for Nullcline-Characteristics-Based Piecewise Linear Hindmarsh-Rose Neuron Model. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	2
179	DC-offset-induced hidden and asymmetric dynamics in Memristive Chua's circuit. <i>Chaos, Solitons and Fractals</i> , 2022 , 160, 112192	9.3	1
178	Initial-condition-switched boosting extreme multistability and mechanism analysis in a memcapacitive oscillator. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 1517-1531	15.31	5
177	Memristor-Based Hyperchaotic Maps and Application in AC-GANs. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	10
176	Memristive electromagnetic induction effects on Hopfield neural network. <i>Nonlinear Dynamics</i> , 2021 , 106, 2559	5	8
175	Piecewise-Linear Simplification for Adaptive Synaptic Neuron Model. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	3
174	No-argument memristive hyper-jerk system and its coexisting chaotic bubbles boosted by initial conditions. <i>Chaos, Solitons and Fractals</i> , 2021 , 144, 110744	9.3	11
173	Smooth nonlinear fitting scheme for analog multiplierless implementation of Hindmarsh-Rose neuron model. <i>Nonlinear Dynamics</i> , 2021 , 104, 4379	5	7
172	Initials-Boosted Coexisting Chaos in a 2-D Sine Map and Its Hardware Implementation. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 1132-1140	11.9	49
171	FPGA-based experiments for demonstrating bi-stability in tabu learning neuron model. <i>Circuit World</i> , 2021 , 47, 194-205	0.7	3
170	Stability Effect of Control Weight on Multiloop COT-Controlled Buck Converter With PI Compensator and Small Output Capacitor ESR. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 4658-4667	5.6	6
169	2-D Piecewise-Linear Neuron Model. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 1453-1457	3.5	4
168	Two-Dimensional Memristive Hyperchaotic Maps and Application in Secure Communication. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 9931-9940	8.9	54
167	Memristive Rulkov Neuron Model with Magnetic Induction Effects. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	26

166	Multi-stable patterns coexisting in memristor synapse-coupled Hopfield neural network 2021 , 439-459		1
165	Memristive neuron model with an adapting synapse and its hardware experiments. <i>Science China Technological Sciences</i> , 2021 , 64, 1107-1117	3.5	20
164	Memristor-Coupled Logistic Hyperchaotic Map. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2992-2996	3.5	9
163	Discrete memristive neuron model and its interspike interval-encoded application in image encryption. <i>Science China Technological Sciences</i> , 2021 , 64, 2281	3.5	6
162	A Detection Circuit for Improving the Unloading Transient Performance of the COT Controller. <i>Electronics (Switzerland)</i> , 2021 , 10, 2333	2.6	0
161	Coexisting Infinitely Many Nonchaotic Attractors in a Memristive Weight-Based Tabu Learning Neuron. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021 , 31, 2150 ² 189	5	5
160	Discrete Memristor Hyperchaotic Maps. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-11	3.9	26
159	A non-autonomous conservative system and its reconstitution in integral domain. <i>Nonlinear Dynamics</i> , 2021 , 103, 643-655	5	6
158	Coexisting Infinite Orbits in an Area-Preserving Lozi Map. <i>Entropy</i> , 2020 , 22,	2.8	6
157	Forward and reverse asymmetric memristor-based jerk circuits. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 123, 153294	2.8	17
156	Initial-switched boosting bifurcations in 2D hyperchaotic map. <i>Chaos</i> , 2020 , 30, 033107	3.3	22
155	Hyperchaos, quasi-period and coexisting behaviors in second-order-memristor-based jerk circuit. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 1045-1058	2.3	8
154	Memristor Synapse-Based MorrisLecar Model: Bifurcation Analyses and FPGA-Based Validations for Periodic and Chaotic Bursting/Spiking Firings. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020 , 30, 2050045	2	20
153	Memristor synapse-coupled memristive neuron network: synchronization transition and occurrence of chimera. <i>Nonlinear Dynamics</i> , 2020 , 100, 937-950	5	44
152	Bifurcation analyses and hardware experiments for bursting dynamics in non-autonomous memristive FitzHugh-Nagumo circuit. <i>Science China Technological Sciences</i> , 2020 , 63, 1035-1044	3.5	15
151	Hidden dynamics in a fractional-order memristive HindmarshRose model. <i>Nonlinear Dynamics</i> , 2020 , 100, 891-906	5	23
150	Bifurcation analysis and circuit implementation for a tabu learning neuron model. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 121, 153235	2.8	10
149	Initial-induced coexisting and synchronous firing activities in memristor synapse-coupled MorrisLecar bi-neuron network. <i>Nonlinear Dynamics</i> , 2020 , 99, 2339-2354	5	27

148	Interpreting initial offset boosting via reconstitution in integral domain. <i>Chaos, Solitons and Fractals</i> , 2020 , 131, 109544	9.3	15
147	Memristor initial-boosted coexisting plane bifurcations and its extreme multi-stability reconstitution in two-memristor-based dynamical system. <i>Science China Technological Sciences</i> , 2020 , 63, 603-613	3.5	52
146	Extreme Multistability in Simple Area-Preserving Map. <i>IEEE Access</i> , 2020 , 8, 175972-175980	3.5	7
145	Bifurcations to bursting and spiking in the Chay neuron and their validation in a digital circuit. <i>Chaos, Solitons and Fractals</i> , 2020 , 141, 110353	9.3	16
144	Global multistability and analog circuit implementation of an adapting synapse-based neuron model. <i>Nonlinear Dynamics</i> , 2020 , 101, 1105-1118	5	21
143	Symmetrically scaled coexisting behaviors in two types of simple jerk circuits. <i>Circuit World</i> , 2020 , 47, 61-70	0.7	2
142	Reconstitution for interpreting hidden dynamics with stable equilibrium point. <i>Chaos, Solitons and Fractals</i> , 2020 , 140, 110188	9.3	7
141	Hyperchaos in a second-order discrete memristor-based map model. <i>Electronics Letters</i> , 2020 , 56, 769-770	10.1	31
140	Riddled Attraction Basin and Multistability in Three-Element-Based Memristive Circuit. <i>Complexity</i> , 2020 , 2020, 1-13	1.6	4
139	Asymmetric memristive Chua's chaotic circuits. <i>International Journal of Electronics</i> , 2020 , 1-18	1.2	11
138	Flux-Charge Analysis of Two-Memristor-Based Chua's Circuit: Dimensionality Decreasing Model for Detecting Extreme Multistability. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 2197-2206	8.9	97
137	Hidden Bursting Firings and Bifurcation Mechanisms in Memristive Neuron Model With Threshold Electromagnetic Induction. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 502-511	10.3	103
136	Spreading Dynamics of an SEIR Model with Delay on Scale-Free Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 489-496	4.9	8
135	Two-Dimensional Sine Chaotification System With Hardware Implementation. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 887-897	11.9	56
134	Generating Multi-Scroll Chua's Attractors via Simplified Piecewise-Linear Chua's Diode. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 4767-4779	3.9	68
133	Non-ideal memristor synapse-coupled bi-neuron Hopfield neural network: Numerical simulations and breadboard experiments. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 111, 152894	2.8	37
132	Chaotic Bursting Dynamics and Coexisting Multistable Firing Patterns in 3D Autonomous Morris-Lecar Model and Microcontroller-Based Validations. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950134	2	34
131	Dynamical Effects of Neuron Activation Gradient on Hopfield Neural Network: Numerical Analyses and Hardware Experiments. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1930010	2	27

130	Memristor initial boosting behaviors in a two-memristor-based hyperchaotic system. <i>Chaos, Solitons and Fractals</i> , 2019 , 121, 178-185	9.3	60
129	Dynamical effects of memristive load on peak current mode buck-boost switching converter. <i>Chaos, Solitons and Fractals</i> , 2019 , 122, 69-79	9.3	14
128	Extreme Multistability in a Hyperjerk Memristive System With Hidden Attractors 2019 , 89-103		8
127	Dimensionality Reduction Analysis for Detecting Initial Effects on Synchronization of Memristor-Coupled System. <i>IEEE Access</i> , 2019 , 7, 109689-109698	3.5	10
126	Two-memristor-based chaotic system and its extreme multistability reconstitution via dimensionality reduction analysis. <i>Chaos, Solitons and Fractals</i> , 2019 , 127, 354-363	9.3	32
125	Hybrid State Variable Incremental Integral for Reconstructing Extreme Multistability in Memristive Jerk System with Cubic Nonlinearity. <i>Complexity</i> , 2019 , 2019, 1-16	1.6	18
124	Extremely slow passages in low-pass filter-based memristive oscillator. <i>Nonlinear Dynamics</i> , 2019 , 97, 2339-2353	5	19
123	Quasi-period, periodic bursting and bifurcations in memristor-based FitzHugh-Nagumo circuit. <i>AEU - International Journal of Electronics and Communications</i> , 2019 , 110, 152840	2.8	22
122	Periodically Switched Memristor Initial Boosting Behaviors in Memristive Hypogenetic Jerk System. <i>IEEE Access</i> , 2019 , 7, 145022-145029	3.5	18
121	Extreme multistability in memristive hyper-jerk system and stability mechanism analysis using dimensionality reduction model. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1995-2009	2.3	14
120	Inductor-free multi-stable Chua's circuit constructed by improved PI-type memristor emulator and active Sallen-Key high-pass filter. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1983-1994	2.3	2
119	Periodically varied initial offset boosting behaviors in a memristive system with cosine memductance. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2019 , 20, 1706-1716	2.2	24
118	Complex Dynamical Behaviors of a Fractional-Order System Based on a Locally Active Memristor. <i>Complexity</i> , 2019 , 2019, 1-13	1.6	7
117	A Simple Nonautonomous Hidden Chaotic System with a Switchable Stable Node-Focus. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2019 , 29, 1950168	2	14
116	Dimensionality Reduction Reconstitution for Extreme Multistability in Memristor-Based Colpitts System. <i>Complexity</i> , 2019 , 2019, 1-12	1.6	1
115	Coexisting multi-stable patterns in memristor synapse-coupled Hopfield neural network with two neurons. <i>Nonlinear Dynamics</i> , 2019 , 95, 3385-3399	5	92
114	Bi-Stability in an Improved Memristor-Based Third-Order Wien-Bridge Oscillator. <i>IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India)</i> , 2019 , 36, 109-116	1.5	32
113	AC-induced coexisting asymmetric bursters in the improved Hindmarsh-Rose model. <i>Nonlinear Dynamics</i> , 2018 , 92, 1695-1706	5	45

112	Symmetric periodic bursting behavior and bifurcation mechanism in a third-order memristive diode bridge-based oscillator. <i>Chaos, Solitons and Fractals</i> , 2018 , 109, 146-153	9.3	44
111	Chaos in a second-order non-autonomous Wien-bridge oscillator without extra nonlinearity. <i>Circuit World</i> , 2018 , 44, 108-114	0.7	20
110	Coexistence of multiple bifurcation modes in memristive diode-bridge-based canonical Chua's circuit. <i>International Journal of Electronics</i> , 2018 , 105, 1159-1169	1.2	30
109	Coexistence of Multiple Attractors in an Active Diode Pair Based Chua's Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850019	2	37
108	Initial condition-dependent dynamics and transient period in memristor-based hypogenetic jerk system with four line equilibria. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2018 , 57, 264-275	3.7	175
107	Third-order RLCM-four-elements-based chaotic circuit and its coexisting bubbles. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 94, 26-35	2.8	45
106	Three-Dimensional Memristive Hindmarsh-Rose Neuron Model with Hidden Coexisting Asymmetric Behaviors. <i>Complexity</i> , 2018 , 2018, 1-11	1.6	61
105	Crisis-induced coexisting multiple attractors in a second-order nonautonomous memristive diode bridge-based circuit. <i>International Journal of Circuit Theory and Applications</i> , 2018 , 46, 1917-1927	2	27
104	Bi-Stability Phenomenon in Constant On-Time Controlled Buck Converter With Small Output Capacitor ESR. <i>IEEE Access</i> , 2018 , 6, 46227-46232	3.5	11
103	Numerical and experimental confirmations of quasi-periodic behavior and chaotic bursting in third-order autonomous memristive oscillator. <i>Chaos, Solitons and Fractals</i> , 2018 , 106, 161-170	9.3	53
102	Controlling extreme multistability of memristor emulator-based dynamical circuit in flux-charge domain. <i>Nonlinear Dynamics</i> , 2018 , 91, 1395-1412	5	89
101	Initial conditions-related dynamical behaviors in PI-type memristor emulator-based canonical Chua's circuit. <i>Circuit World</i> , 2018 , 44, 178-186	0.7	10
100	Flux-Charge Analysis of Initial State-Dependent Dynamical Behaviors of a Memristor Emulator-Based Chua's Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850120	2	25
99	State variable mapping method for studying initial-dependent dynamics in memristive hyper-jerk system with line equilibrium. <i>Chaos, Solitons and Fractals</i> , 2018 , 115, 313-324	9.3	32
98	Numerical analyses and breadboard experiments of twin attractors in two-neuron-based non-autonomous Hopfield neural network. <i>European Physical Journal: Special Topics</i> , 2018 , 227, 777-786	2.3	13
97	Two-neuron-based non-autonomous memristive Hopfield neural network: Numerical analyses and hardware experiments. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 96, 66-74	2.8	43
96	Memristor-Based Canonical Chua's Circuit: Extreme Multistability in Voltage-Current Domain and Its Controllability in Flux-Charge Domain. <i>Complexity</i> , 2018 , 2018, 1-13	1.6	29
95	Emerging multi-double-scroll attractor from variable-boostable chaotic system excited by multi-level pulse. <i>Journal of Engineering</i> , 2018 , 2018, 42-44	0.7	7

94	Two-memristor-based Chua's hyperchaotic circuit with plane equilibrium and its extreme multistability. <i>Nonlinear Dynamics</i> , 2017 , 89, 1157-1171	5	166
93	Hidden extreme multistability in memristive hyperchaotic system. <i>Chaos, Solitons and Fractals</i> , 2017 , 94, 102-111	9.3	260
92	A Simple Third-Order Memristive Band Pass Filter Chaotic Circuit. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 977-981	3.5	60
91	Sallen-Key low-pass filter-based inductor-free simplified Chua's circuit. <i>Journal of Engineering</i> , 2017 , 2017, 653-655	0.7	4
90	Chaotic bursting in memristive diode bridge-coupled Sallen-Key lowpass filter. <i>Electronics Letters</i> , 2017 , 53, 1104-1105	1.1	39
89	Numerical analyses and experimental validations of coexisting multiple attractors in Hopfield neural network. <i>Nonlinear Dynamics</i> , 2017 , 90, 2359-2369	5	69
88	Non-Autonomous Second-Order Memristive Chaotic Circuit. <i>IEEE Access</i> , 2017 , 5, 21039-21045	3.5	44
87	Multistability induced by two symmetric stable node-foci in modified canonical Chua's circuit. <i>Nonlinear Dynamics</i> , 2017 , 87, 789-802	5	70
86	Coexisting Behaviors of Asymmetric Attractors in Hyperbolic-Type Memristor based Hopfield Neural Network. <i>Frontiers in Computational Neuroscience</i> , 2017 , 11, 81	3.5	89
85	Parameter-Independent Dynamical Behaviors in Memristor-Based Wien-Bridge Oscillator. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-13	1.1	4
84	An Improved Memristive Diode Bridge-Based Band Pass Filter Chaotic Circuit. <i>Mathematical Problems in Engineering</i> , 2017 , 2017, 1-11	1.1	10
83	Chaotic and periodic bursting phenomena in a memristive Wien-bridge oscillator. <i>Nonlinear Dynamics</i> , 2016 , 83, 893-903	5	114
82	Extreme multistability in a memristive circuit. <i>Electronics Letters</i> , 2016 , 52, 1008-1010	1.1	168
81	Asynchronous-Switching Map-Based Stability Effects of Circuit Parameters in Fixed Off-Time Controlled Buck Converter. <i>IEEE Transactions on Power Electronics</i> , 2016 , 31, 6686-6697	7.2	16
80	Multiple attractors in a non-ideal active voltage-controlled memristor based Chua's circuit. <i>Chaos, Solitons and Fractals</i> , 2016 , 83, 186-200	9.3	182
79	Hidden attractors in a practical Chua's circuit based on a modified Chua's diode. <i>Electronics Letters</i> , 2016 , 52, 23-25	1.1	20
78	Inductor-free simplified Chua's circuit only using two-op-amp-based realization. <i>Nonlinear Dynamics</i> , 2016 , 84, 511-525	5	33
77	A FEASIBLE MEMRISTIVE CHUA'S CIRCUIT VIA BRIDGING A GENERALIZED MEMRISTOR. <i>Journal of Applied Analysis and Computation</i> , 2016 , 6, 1152-1163	0.4	5

76	Hidden attractor and its dynamical characteristic in memristive self-oscillating system. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2016 , 65, 180501	0.6	3
75	Constant time-delay control technique for switching dc/dc converters. <i>Electronics Letters</i> , 2016 , 52, 1160-1162	1	
74	Multistability in Chua's circuit with two stable node-foci. <i>Chaos</i> , 2016 , 26, 043111	3.3	122
73	Coexisting infinitely many attractors in active band-pass filter-based memristive circuit. <i>Nonlinear Dynamics</i> , 2016 , 86, 1711-1723	5	168
72	Dynamics of self-excited attractors and hidden attractors in generalized memristor-based Chua's circuit. <i>Nonlinear Dynamics</i> , 2015 , 81, 215-226	5	130
71	Finding hidden attractors in improved memristor-based Chua's circuit. <i>Electronics Letters</i> , 2015 , 51, 462-464	54	
70	Complex transient dynamics of hidden attractors in a simple 4D system. <i>Chinese Physics B</i> , 2015 , 24, 050503	16	
69	Complex transient dynamics in periodically forced memristive Chua's circuit. <i>Nonlinear Dynamics</i> , 2015 , 79, 2333-2343	5	97
68	Hidden dynamics and multi-stability in an improved third-order Chua's circuit. <i>Journal of Engineering</i> , 2015 , 2015, 322-324	0.7	5
67	Stability Control and Mode Shift of Ramp Compensation in V2 Controlled Buck Converter. <i>Chinese Journal of Electronics</i> , 2015 , 24, 295-299	0.9	3
66	Colpitts Chaotic Oscillator Coupling with a Generalized Memristor. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-9	1.1	6
65	Calculating area of fractional-order memristor pinched hysteresis loop. <i>Journal of Engineering</i> , 2015 , 2015, 325-327	0.7	7
64	Self-Excited and Hidden Attractors Found Simultaneously in a Modified Chua's Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2015 , 25, 1550075	2	45
63	Equivalent realisation circuit for a class of non-ideal voltage-controlled memristors. <i>Journal of Engineering</i> , 2015 , 2015, 354-356	0.7	
62	Simplified Chua's attractor via bridging a diode pair. <i>Journal of Engineering</i> , 2015 , 2015, 125-127	0.7	1
61	Dynamical modeling and multi-periodic behavior analysis on pulse train controlled DCM-DCM BIFRED converter. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 010501	0.6	3
60	Impulsive synchronization and initial value effect for a memristor-based chaotic system. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 030501	0.6	6
59	Inductorless chaotic circuit based on active generalized memristors. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015 , 64, 170503	0.6	4

58	Effects of Circuit Parameters on Dynamics of Current-Mode-Pulse-Train-Controlled Buck Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2014 , 61, 1562-1573	8.9	23
57	Generalized Memristor Consisting of Diode Bridge with First Order Parallel RC Filter. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450143	2	79
56	Threshold flux-controlled memristor model and its equivalent circuit implementation. <i>Chinese Physics B</i> , 2014 , 23, 118401	1.2	9
55	Mapping equivalent approach to analysis and realization of memristor-based dynamical circuit. <i>Chinese Physics B</i> , 2014 , 23, 070503	1.2	42
54	A Memristive Diode Bridge-Based Canonical Chua's Circuit. <i>Entropy</i> , 2014 , 16, 6464-6476	2.8	41
53	Reply: Comment on 'Is memristor a dynamic element?'. <i>Electronics Letters</i> , 2014 , 50, 1344-1345	1.1	10
52	Dimensionality reduction modeling and characteristic analysis of memristive circuit. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2014 , 63, 020504	0.6	5
51	Wien-bridge chaotic oscillator based on first-order generalized memristor. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2014 , 63, 240505	0.6	11
50	COMPLEX DYNAMICS AND FAST-SLOW SCALE INSTABILITY IN CURRENT-MODE CONTROLLED BUCK CONVERTER WITH CONSTANT CURRENT LOAD. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350062	2	15
49	Pulse-Train-Controlled CCM Buck Converter With Small ESR Output-Capacitor. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 5875-5881	8.9	21
48	GENERALIZED MEMORY ELEMENT AND CHAOTIC MEMORY SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2013 , 23, 1350135	2	42
47	Modeling analysis and equivalent circuit realization of a flux-controlled memristor 2013 ,		1
46	Dynamical Effects of Equivalent Series Resistance of Output Capacitor in Constant On-Time Controlled Buck Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 1759-1768	8.9	50
45	Effect of output capacitor ESR on dynamic performance of voltage-mode hysteretic controlled buck converter. <i>Electronics Letters</i> , 2013 , 49, 1293-1294	1.1	33
44	Is memristor a dynamic element?. <i>Electronics Letters</i> , 2013 , 49, 1523-1525	1.1	14
43	Critical ESR of output capacitor for stability of fixed off-time controlled buck converter. <i>Electronics Letters</i> , 2013 , 49, 287-288	1.1	9
42	The voltage-current relationship and equivalent circuit implementation of parallel flux-controlled memristive circuits. <i>Chinese Physics B</i> , 2013 , 22, 068401	1.2	8
41	Preparation and Properties of Low Density Polyethylene Film Modified by Zeolite and Nanoclay. <i>Polymer-Plastics Technology and Engineering</i> , 2013 , 52, 1611-1620		9

40	Dynamical mechanism of ramp compensation for switching converter. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013 , 62, 010504	0.6	9
39	Equivalent modeling and bifurcation analysis of V2 controlled buck converter. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013 , 62, 110503	0.6	5
38	Equivalent circuit analysis model of charge-controlled memristor and its circuit characteristics. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013 , 62, 218401	0.6	9
37	Dynamics of current controlled quadratic boost converters. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2013 , 62, 160501	0.6	7
36	Comments on Predictive Digital-Controlled Converter With Peak Current-Mode Control and Leading-Edge Modulation. <i>IEEE Transactions on Industrial Electronics</i> , 2012 , 59, 4851-4852	8.9	6
35	SYMMETRICAL DYNAMICS OF CURRENT-MODE CONTROLLED SWITCHING DC-DC CONVERTERS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250008	2	17
34	Dynamics of current controlled switching converters under wide circuit parameter variation. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2012 , 61, 220502	0.6	6
33	A SIMPLE MEMRISTOR CHAOTIC CIRCUIT WITH COMPLEX DYNAMICS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2011 , 21, 2629-2645	2	121
32	Unified Classification of Operation-State Regions for Switching Converters with Ramp Compensation. <i>IEEE Transactions on Power Electronics</i> , 2011 , 26, 1968-1975	7.2	48
31	Chaotic memristive circuit: equivalent circuit realization and dynamical analysis. <i>Chinese Physics B</i> , 2011 , 20, 120502	1.2	106
30	. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 5406-5410	8.9	45
29	Dynamics analysis of chaotic circuit with two memristors. <i>Science China Technological Sciences</i> , 2011 , 54, 2180-2187	3.5	46
28	Scroll number and distribution control of attractor: system design and circuit realization. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2011 , 60, 090502	0.6	3
27	Dynamics of two-dimensional parabolic discrete map. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2011 , 60, 010504	0.6	7
26	Dynamical analysis and experimental verification of valley current controlled buck converter. <i>Chinese Physics B</i> , 2010 , 19, 050509	1.2	19
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