Bo-cheng Bao

List of Publications by Year
in descending order

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194	8,724	31902	53109
papers	citations	53	85
		h-index	g-index

195	195	195	1780
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hidden extreme multistability in memristive hyperchaotic system. Chaos, Solitons and Fractals, 2017, 94, 102-111.	2.5	344
2	Multiple attractors in a non-ideal active voltage-controlled memristor based Chua's circuit. Chaos, Solitons and Fractals, 2016, 83, 186-200.	2.5	238
3	Hidden Bursting Firings and Bifurcation Mechanisms in Memristive Neuron Model With Threshold Electromagnetic Induction. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 502-511.	7.2	231
4	Initial condition-dependent dynamics and transient period in memristor-based hypogenetic jerk system with four line equilibria. Communications in Nonlinear Science and Numerical Simulation, 2018, 57, 264-275.	1.7	230
5	Two-memristor-based Chuaâ€™s hyperchaotic circuit with plane equilibrium and its extreme multistability. Nonlinear Dynamics, 2017, 89, 1157-1171.	2.7	214
6	Extreme multistability in a memristive circuit. Electronics Letters, 2016, 52, 1008-1010.	0.5	198
7	Coexisting infinitely many attractors in active band-pass filter-based memristive circuit. Nonlinear Dynamics, 2016, 86, 1711-1723.	2.7	194
8	Coexisting multi-stable patterns in memristor synapse-coupled Hopfield neural network with two neurons. Nonlinear Dynamics, 2019, 95, 3385-3399.	2.7	181
9	Fluxâ€“Charge Analysis of Two-Memristor-Based Chua's Circuit: Dimensionality Decreasing Model for Detecting Extreme Multistability. IEEE Transactions on Industrial Electronics, 2020, 67, 2197-2206.	5.2	163
10	Dynamics of self-excited attractors and hidden attractors in generalized memristor-based Chuaâ€™s circuit. Nonlinear Dynamics, 2015, 81, 215-226.	2.7	159
11	Multistability in Chua's circuit with two stable node-foci. Chaos, 2016, 26, 043111.	1.0	147
12	A SIMPLE MEMRISTOR CHAOTIC CIRCUIT WITH COMPLEX DYNAMICS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2629-2645.	0.7	144
13	Chaotic and periodic bursting phenomena in a memristive Wien-bridge oscillator. Nonlinear Dynamics, 2016, 83, 893-903.	2.7	139
14	Two-Dimensional Memristive Hyperchaotic Maps and Application in Secure Communication. IEEE Transactions on Industrial Electronics, 2021, 68, 9931-9940.	5.2	139
15	Steady periodic memristor oscillator with transient chaotic behaviours. Electronics Letters, 2010, 46, 228.	0.5	138
16	Coexisting Behaviors of Asymmetric Attractors in Hyperbolic-Type Memristor based Hopfield Neural Network. Frontiers in Computational Neuroscience, 2017, 11, 81.	1.2	137
17	Generating Multi-Scroll Chuaâ€™s Attractors via Simplified Piecewise-Linear Chuaâ€™s Diode. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4767-4779.	3.5	127
18	Chaotic memristive circuit: equivalent circuit realization and dynamical analysis. Chinese Physics B, 2011, 20, 120502.	0.7	125

#	Article	IF	Citations
19	Memristor synapse-coupled memristive neuron network: synchronization transition and occurrence of chimera. Nonlinear Dynamics, 2020, 100, 937-950.	2.7	116
20	Memristive Rulkov Neuron Model With Magnetic Induction Effects. IEEE Transactions on Industrial Informatics, 2022, 18, 1726-1736.	7.2	116
21	Transient chaos in smooth memristor oscillator. Chinese Physics B, 2010, 19, 030510.	0.7	113
22	Complex transient dynamics in periodically forced memristive Chuaâ€™s circuit. Nonlinear Dynamics, 2015, 79, 2333-2343.	2.7	112
23	Controlling extreme multistability of memristor emulator-based dynamical circuit in fluxâ€“charge domain. Nonlinear Dynamics, 2018, 91, 1395-1412.	2.7	108
24	Initials-Boosted Coexisting Chaos in a 2-D Sine Map and Its Hardware Implementation. IEEE Transactions on Industrial Informatics, 2021, 17, 1132-1140.	7.2	108
25	Discrete Memristor Hyperchaotic Maps. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4534-4544.	3.5	105
26	Generalized Memristor Consisting of Diode Bridge with First Order Parallel RC Filter. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450143.	0.7	103
27	Two-Dimensional Sine Chaotification System With Hardware Implementation. IEEE Transactions on Industrial Informatics, 2020, 16, 887-897.	7.2	99
28	Three-Dimensional Memristive Hindmarshâ€“Rose Neuron Model with Hidden Coexisting Asymmetric Behaviors. Complexity, 2018, 2018, 1-11.	0.9	95
29	Memristor initial-boosted coexisting plane bifurcations and its extreme multi-stability reconstitution in two-memristor-based dynamical system. Science China Technological Sciences, 2020, 63, 603-613.	2.0	94
30	Memristor initial boosting behaviors in a two-memristor-based hyperchaotic system. Chaos, Solitons and Fractals, 2019, 121, 178-185.	2.5	90
31	Initial State Dependent Dynamical Behaviors in a Memristor Based Chaotic Circuit. Chinese Physics Letters, 2010, 27, 070504.	1.3	88
32	Numerical analyses and experimental validations of coexisting multiple attractors in Hopfield neural network. Nonlinear Dynamics, 2017, 90, 2359-2369.	2.7	88
33	A Simple Third-Order Memristive Band Pass Filter Chaotic Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 977-981.	2.2	86
34	Multistability induced by two symmetric stable node-foci in modified canonical Chuaâ€™s circuit. Nonlinear Dynamics, 2017, 87, 789-802.	2.7	78
35	Initial-induced coexisting and synchronous firing activities in memristor synapse-coupled Morrisâ€“Lecar bi-neuron network. Nonlinear Dynamics, 2020, 99, 2339-2354.	2.7	76
36	AC-induced coexisting asymmetric bursters in the improved Hindmarshâ€“Rose model. Nonlinear Dynamics, 2018, 92, 1695-1706.	2.7	71

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37	Effect of output capacitor ESR on dynamic performance of voltageâ€mode hysteretic controlled buck converter. Electronics Letters, 2013, 49, 1293-1294.	0.5	70
38	Numerical and experimental confirmations of quasi-periodic behavior and chaotic bursting in third-order autonomous memristive oscillator. Chaos, Solitons and Fractals, 2018, 106, 161-170.	2.5	69
39	Dynamical Effects of Equivalent Series Resistance of Output Capacitor in Constant On-Time Controlled Buck Converter. IEEE Transactions on Industrial Electronics, 2013, 60, 1759-1768.	5.2	68
40	Hyperchaos in a secondâ€order discrete memristorâ€based map model. Electronics Letters, 2020, 56, 769-770.	0.5	68
41	Memristor-Based Hyperchaotic Maps and Application in Auxiliary Classifier Generative Adversarial Nets. IEEE Transactions on Industrial Informatics, 2022, 18, 5297-5306.	7.2	68
42	Chaotic Bursting Dynamics and Coexisting Multistable Firing Patterns in 3D Autonomous Morrisâ€“Lecar Model and Microcontroller-Based Validations. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950134.	0.7	67
43	Two-neuron-based non-autonomous memristive Hopfield neural network: Numerical analyses and hardware experiments. AEU - International Journal of Electronics and Communications, 2018, 96, 66-74.	1.7	66
44	Bifurcations to bursting and spiking in the Chay neuron and their validation in a digital circuit. Chaos, Solitons and Fractals, 2020, 141, 110353.	2.5	65
45	Dynamical analysis of memristor chaotic oscillator. Wuli Xuebao/Acta Physica Sinica, 2010, 59, 3785.	0.2	65
46	Non-ideal memristor synapse-coupled bi-neuron Hopfield neural network: Numerical simulations and breadboard experiments. AEU - International Journal of Electronics and Communications, 2019, 111, 152894.	1.7	64
47	Finding hidden attractors in improved memristorâ€based Chua''s circuit. Electronics Letters, 2015, 51, 462-464.	0.5	63
48	Memristive electromagnetic induction effects on Hopfield neural network. Nonlinear Dynamics, 2021, 106, 2559-2576.	2.7	59
49	Unified Classification of Operation-State Regions for Switching Converters with Ramp Compensation. IEEE Transactions on Power Electronics, 2011, 26, 1968-1975.	5.4	58
50	Analysis of Pulse Bursting Phenomenon in Constant-On-Time-Controlled Buck Converter. IEEE Transactions on Industrial Electronics, 2011, 58, 5406-5410.	5.2	58
51	Self-Excited and Hidden Attractors Found Simultaneously in a Modified Chua's Circuit. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1550075.	0.7	57
52	Electromagnetic induction effects on electrical activity within a memristive Wilson neuron model. Cognitive Neurodynamics, 2022, 16, 1221-1231.	2.3	57
53	Two-memristor-based chaotic system and its extreme multistability reconstitution via dimensionality reduction analysis. Chaos, Solitons and Fractals, 2019, 127, 354-363.	2.5	56
54	Symmetric periodic bursting behavior and bifurcation mechanism in a third-order memristive diode bridge-based oscillator. Chaos, Solitons and Fractals, 2018, 109, 146-153.	2.5	55

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55	Memristive neuron model with an adapting synapse and its hardware experiments. Science China Technological Sciences, 2021, 64, 1107-1117.	2.0	55
56	Dynamical Effects of Neuron Activation Gradient on Hopfield Neural Network: Numerical Analyses and Hardware Experiments. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1930010.	0.7	54
57	Dynamics analysis of chaotic circuit with two memristors. Science China Technological Sciences, 2011, 54, 2180-2187.	2.0	53
58	Chaotic bursting in memristive diode bridgeâ€coupled Sallenâ€Key lowpass filter. Electronics Letters, 2017, 53, 1104-1105.	0.5	51
59	Non-Autonomous Second-Order Memristive Chaotic Circuit. IEEE Access, 2017, 5, 21039-21045.	2.6	51
60	A Memristive Diode Bridge-Based Canonical Chuaâ€™s Circuit. Entropy, 2014, 16, 6464-6476.	1.1	50
61	Third-order RLCM-four-elements-based chaotic circuit and its coexisting bubbles. AEU - International Journal of Electronics and Communications, 2018, 94, 26-35.	1.7	50
62	Mapping equivalent approach to analysis and realization of memristor-based dynamical circuit. Chinese Physics B, 2014, 23, 070503.	0.7	49
63	GENERALIZED MEMORY ELEMENT AND CHAOTIC MEMORY SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350135.	0.7	48
64	Bifurcation analyses and hardware experiments for bursting dynamics in non-autonomous memristive FitzHugh-Nagumo circuit. Science China Technological Sciences, 2020, 63, 1035-1044.	2.0	47
65	Inductor-free simplified Chuaâ€™s circuit only using two-op-amp-based realization. Nonlinear Dynamics, 2016, 84, 511-525.	2.7	46
66	Periodically varied initial offset boosting behaviors in a memristive system with cosine memductance. Frontiers of Information Technology and Electronic Engineering, 2019, 20, 1706-1716.	1.5	46
67	Continuous non-autonomous memristive Rulkov model with extreme multistability*. Chinese Physics B, 2021, 30, 128702.	0.7	46
68	Bi-Stability in an Improved Memristor-Based Third-Order Wien-Bridge Oscillator. IETE Technical Review (Institution of Electronics and Telecommunication Engineers, India), 2019, 36, 109-116.	2.1	42
69	Memristor Synapse-Based Morrisâ€“Lecar Model: Bifurcation Analyses and FPGA-Based Validations for Periodic and Chaotic Bursting/Spiking Firings. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050045.	0.7	42
70	Hidden dynamics in a fractional-order memristive Hindmarshâ€“Rose model. Nonlinear Dynamics, 2020, 100, 891-906.	2.7	42
71	Coexistence of Multiple Attractors in an Active Diode Pair Based Chuaâ€™s Circuit. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850019.	0.7	41
72	State variable mapping method for studying initial-dependent dynamics in memristive hyper-jerk system with line equilibrium. Chaos, Solitons and Fractals, 2018, 115, 313-324.	2.5	41

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73	Discrete memristive neuron model and its interspike interval-encoded application in image encryption. Science China Technological Sciences, 2021, 64, 2281-2291.	2.0	41
74	Coexistence of multiple bifurcation modes in memristive diode-bridge-based canonical Chuaâ€™s circuit. International Journal of Electronics, 2018, 105, 1159-1169.	0.9	40
75	Parallel bi-memristor hyperchaotic map with extreme multistability. Chaos, Solitons and Fractals, 2022, 160, 112273.	2.5	39
76	Interpreting initial offset boosting via reconstitution in integral domain. Chaos, Solitons and Fractals, 2020, 131, 109544.	2.5	37
77	Initial-switched boosting bifurcations in 2D hyperchaotic map. Chaos, 2020, 30, 033107.	1.0	37
78	Memristor-Based Canonical Chuaâ€™s Circuit: Extreme Multistability in Voltage-Current Domain and Its Controllability in Flux-Charge Domain. Complexity, 2018, 2018, 1-13.	0.9	34
79	Quasi-period, periodic bursting and bifurcations in memristor-based FitzHugh-Nagumo circuit. AEU - International Journal of Electronics and Communications, 2019, 110, 152840.	1.7	34
80	Memristor-Coupled Logistic Hyperchaotic Map. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2992-2996.	2.2	34
81	Global multistability and analog circuit implementation of an adapting synapse-based neuron model. Nonlinear Dynamics, 2020, 101, 1105-1118.	2.7	33
82	Dynamical effects of memristive load on peak current mode buck-boost switching converter. Chaos, Solitons and Fractals, 2019, 122, 69-79.	2.5	32
83	Mode shift and stability control of a current mode controlled buck-boost converter operating in discontinuous conduction mode with ramp compensation. Chinese Physics B, 2009, 18, 4742-4747.	0.7	31
84	Effects of Circuit Parameters on Dynamics of Current-Mode-Pulse-Train-Controlled Buck Converter. IEEE Transactions on Industrial Electronics, 2014, 61, 1562-1573.	5.2	31
85	Crisisâ€induced coexisting multiple attractors in a secondâ€order nonautonomous memristive diode bridgeâ€based circuit. International Journal of Circuit Theory and Applications, 2018, 46, 1917-1927.	1.3	31
86	Extremely slow passages in low-pass filter-based memristive oscillator. Nonlinear Dynamics, 2019, 97, 2339-2353.	2.7	31
87	Flux-Charge Analysis of Initial State-Dependent Dynamical Behaviors of a Memristor Emulator-Based Chuaâ€™s Circuit. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850120.	0.7	30
88	Smooth nonlinear fitting scheme for analog multiplierless implementation of Hindmarshâ€“Rose neuron model. Nonlinear Dynamics, 2021, 104, 4379-4389.	2.7	29
89	Pulse-Train-Controlled CCM Buck Converter With Small ESR Output-Capacitor. IEEE Transactions on Industrial Electronics, 2013, 60, 5875-5881.	5.2	28
90	Asynchronous-Switching Map-Based Stability Effects of Circuit Parameters in Fixed Off-Time Controlled Buck Converter. IEEE Transactions on Power Electronics, 2016, 31, 6686-6697.	5.4	27

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91	Hidden attractors in a practical Chua's circuit based on a modified Chua's diode. Electronics Letters, 2016, 52, 23-25.	0.5	27
92	MULTISCROLL CHAOTIC ATTRACTORS FROM A MODIFIED COLPITTS OSCILLATOR MODEL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 2203-2211.	0.7	26
93	Chaos in a second-order non-autonomous Wien-bridge oscillator without extra nonlinearity. Circuit World, 2018, 44, 108-114.	0.7	26
94	Bifurcation of Boost converter with two boundaries and its stability control by ramp compensation. Wuli Xuebao/Acta Physica Sinica, 2009, 58, 2949.	0.2	26
95	Analog/Digital Multiplierless Implementations for Nullcline-Characteristics-Based Piecewise Linear Hindmarsh-Rose Neuron Model. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2916-2927.	3.5	26
96	Spreading Dynamics of an SEIR Model with Delay on Scale-Free Networks. IEEE Transactions on Network Science and Engineering, 2020, 7, 489-496.	4.1	25
97	Forward and reverse asymmetric memristor-based jerk circuits. AEU - International Journal of Electronics and Communications, 2020, 123, 153294.	1.7	25
98	Bifurcation analysis and circuit implementation for a tabu learning neuron model. AEU - International Journal of Electronics and Communications, 2020, 121, 153235.	1.7	25
99	Memristive HÃ©non map with hidden Neimarkâ€“Sacker bifurcations. Nonlinear Dynamics, 2022, 108, 4459-4470.	2.7	25
100	Dynamical analysis and experimental verification of valley current controlled buck converter. Chinese Physics B, 2010, 19, 050509.	0.7	23
101	Symmetrical dynamics of peak current-mode and valley current-mode controlled switching dcâ€“dc converters with ramp compensation. Chinese Physics B, 2010, 19, 060508.	0.7	23
102	Numerical analyses and breadboard experiments of twin attractors in two-neuron-based non-autonomous Hopfield neural network. European Physical Journal: Special Topics, 2018, 227, 777-786.	1.2	22
103	Periodically Switched Memristor Initial Boosting Behaviors in Memristive Hypogenetic Jerk System. IEEE Access, 2019, 7, 145022-145029.	2.6	22
104	New robust chaotic system with exponential quadratic term. Chinese Physics B, 2008, 17, 4022-4026.	0.7	21
105	COMPLEX DYNAMICS AND FAST-SLOW SCALE INSTABILITY IN CURRENT-MODE CONTROLLED BUCK CONVERTER WITH CONSTANT CURRENT LOAD. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350062.	0.7	21
106	Hybrid State Variable Incremental Integral for Reconstructing Extreme Multistability in Memristive Jerk System with Cubic Nonlinearity. Complexity, 2019, 2019, 1-16.	0.9	21
107	Extreme multistability in memristive hyper-jerk system and stability mechanism analysis using dimensionality reduction model. European Physical Journal: Special Topics, 2019, 228, 1995-2009.	1.2	21
108	SYMMETRICAL DYNAMICS OF CURRENT-MODE CONTROLLED SWITCHING DC-DC CONVERTERS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250008.	0.7	20

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109	Complex transient dynamics of hidden attractors in a simple 4D system. Chinese Physics B, 2015, 24, 050503.	0.7	20
110	No-argument memristive hyper-jerk system and its coexisting chaotic bubbles boosted by initial conditions. Chaos, Solitons and Fractals, 2021, 144, 110744.	2.5	20
111	A Simple Nonautonomous Hidden Chaotic System with a Switchable Stable Node-Focus. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950168.	0.7	18
112	Extreme Multistability in Simple Area-Preserving Map. IEEE Access, 2020, 8, 175972-175980.	2.6	18
113	Coexisting Infinite Orbits in an Area-Preserving Lozi Map. Entropy, 2020, 22, 1119.	1.1	18
114	A non-autonomous conservative system and its reconstitution in integral domain. Nonlinear Dynamics, 2021, 103, 643-655.	2.7	18
115	Is memristor a dynamic element?. Electronics Letters, 2013, 49, 1523-1525.	0.5	17
116	Critical ESR of output capacitor for stability of fixed offâ€time controlled buck converter. Electronics Letters, 2013, 49, 287-288.	0.5	17
117	Asymmetric memristive Chuaâ€™s chaotic circuits. International Journal of Electronics, 0, , 1-18.	0.9	17
118	Hyperchaos, quasi-period and coexisting behaviors in second-order-memristor-based jerk circuit. European Physical Journal: Special Topics, 2020, 229, 1045-1058.	1.2	17
119	Reconstitution for interpreting hidden dynamics with stable equilibrium point. Chaos, Solitons and Fractals, 2020, 140, 110188.	2.5	16
120	Piecewise-Linear Simplification for Adaptive Synaptic Neuron Model. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1832-1836.	2.2	16
121	A single neuron model with memristive synaptic weight. Chinese Journal of Physics, 2022, 76, 217-227.	2.0	16
122	Dimensionality Reduction Analysis for Detecting Initial Effects on Synchronization of Memristor-Coupled System. IEEE Access, 2019, 7, 109689-109698.	2.6	15
123	Initial-condition-switched boosting extreme multistability and mechanism analysis in a memcapacitive oscillator. Frontiers of Information Technology and Electronic Engineering, 2021, 22, 1517-1531.	1.5	15
124	An Improved Memristive Diode Bridge-Based Band Pass Filter Chaotic Circuit. Mathematical Problems in Engineering, 2017, 2017, 1-11.	0.6	14
125	SUPPRESSING SPIRAL WAVE TURBULENCE IN A SIMPLE FRACTIONAL-ORDER DISCRETE NEURON MAP USING IMPULSE TRIGGERING. Fractals, 2021, 29, .	1.8	14
126	Generation of multi-scroll hyperchaotic attractor based on Colpitts oscillator model. Wuli Xuebao/Acta Physica Sinica, 2010, 59, 1540.	0.2	14

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127	Wien-bridge chaotic oscillator based on fisrt-order generalized memristor. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 240505.	0.2	14
128	DC-offset-induced hidden and asymmetric dynamics in Memristive Chua's circuit. Chaos, Solitons and Fractals, 2022, 160, 112192.	2.5	14
129	Threshold flux-controlled memristor model and its equivalent circuit implementation. Chinese Physics B, 2014, 23, 118401.	0.7	13
130	Bi-Stability Phenomenon in Constant On-Time Controlled Buck Converter With Small Output Capacitor ESR. IEEE Access, 2018, 6, 46227-46232.	2.6	13
131	Stability Effect of Control Weight on Multiloop COT-Controlled Buck Converter With PI Compensator and Small Output Capacitor ESR. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 4658-4667.	3.7	13
132	Coexisting Infinitely Many Nonchaotic Attractors in a Memristive Weight-Based Tabu Learning Neuron. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150189.	0.7	13
133	Preparation and Properties of Low Density Polyethylene Film Modified by Zeolite and Nanoclay. Polymer-Plastics Technology and Engineering, 2013, 52, 1611-1620.	1.9	12
134	Initial conditions-related dynamical behaviors in PI-type memristor emulator-based canonical Chuaâ€™s circuit. Circuit World, 2018, 44, 178-186.	0.7	12
135	Analysis of symmetrical dynamic phenomenon of peak and valley current-mode controlled switching DC-DC converters. Wuli Xuebao/Acta Physica Sinica, 2010, 59, 2272.	0.2	12
136	Dynamical mechanism of ramp compensation for switching converter. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 010504.	0.2	12
137	Fast-Scale and Slow-Scale Subharmonic Oscillation of Valley Current-Mode Controlled Buck Converter. Chinese Physics Letters, 2010, 27, 090504.	1.3	11
138	Reply: Comment on 'Is memristor a dynamic element?'. Electronics Letters, 2014, 50, 1344-1345.	0.5	11
139	Complex Dynamical Behaviors of a Fractional-Order System Based on a Locally Active Memristor. Complexity, 2019, 2019, 1-13.	0.9	11
140	Equivalent circuit analysis model of charge-controlled memristor and its circuit characteristics. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 218401.	0.2	11
141	Bifurcation and attractor of generalized square map with exponential term. Wuli Xuebao/Acta Physica Sinica, 2009, 58, 1420.	0.2	11
142	The voltageâ€”current relationship and equivalent circuit implementation of parallel flux-controlled memristive circuits. Chinese Physics B, 2013, 22, 068401.	0.7	10
143	Extreme Multistability in a Hyperjerk Memristive System With Hidden Attractors. , 2019, , 89-103.		10
144	2-D Piecewise-Linear Neuron Model. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1453-1457.	2.2	10

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145	Circuit application of chaotic systems: modeling, dynamical analysis and control. European Physical Journal: Special Topics, 2021, 230, 1691-1694.	1.2	10
146	Dynamics of two-dimensional parabolic discrete map. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 010504.	0.2	10
147	HYPERCHAOS FROM AN AUGMENTED LÃœ SYSTEM. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 3689-3698.	0.7	9
148	Colpitts Chaotic Oscillator Coupling with a Generalized Memristor. Mathematical Problems in Engineering, 2015, 2015, 1-9.	0.6	9
149	Calculating area of fractionalâ€order memristor pinched hysteresis loop. Journal of Engineering, 2015, 2015, 325-327.	0.6	9
150	Impulsive synchronization and initial value effect for a memristor-based chaotic system. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 030501.	0.2	9
151	Dynamics of current controlled quadratic boost converters. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 160501.	0.2	9
152	Parameter-Independent Dynamical Behaviors in Memristor-Based Wien-Bridge Oscillator. Mathematical Problems in Engineering, 2017, 2017, 1-13.	0.6	8
153	Emerging multiâ€doubleâ€scroll attractor from variableâ€boostable chaotic system excited by multiâ€level pulse. Journal of Engineering, 2018, 2018, 42-44.	0.6	8
154	Hidden attractor and its dynamical characteristic in memristive self-oscillating system. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 180501.	0.2	7
155	Dynamics of current controlled switching converters under wide circuit parameter variation. Wuli Xuebao/Acta Physica Sinica, 2012, 61, 220502.	0.2	7
156	Comments on â€œPredictive Digital-Controlled Converter With Peak Current-Mode Control and Leading-Edge Modulationâ€• IEEE Transactions on Industrial Electronics, 2012, 59, 4851-4852.	5.2	6
157	Hidden dynamics and multiâ€stability in an improved thirdâ€order Chua's circuit. Journal of Engineering, 2015, 2015, 322-324.	0.6	6
158	FPGA-based experiments for demonstrating bi-stability in tabu learning neuron model. Circuit World, 2021, 47, 194-205.	0.7	6
159	Equivalent modeling and bifurcation analysis of V2 controlled buck converter. Wuli Xuebao/Acta Physica Sinica, 2013, 62, 110503.	0.2	6
160	Dimensionality reduction modeling and characteristic analysis of memristive circuit. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 020504.	0.2	6
161	Infinitely Many Necklace-Shaped Coexisting Attractors in a Nonautonomous Memcapacitive Oscillator. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	6
162	Incremental integral reconstitution for detecting initial condition effects. AEU - International Journal of Electronics and Communications, 2022, 149, 154178.	1.7	6

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163	MODIFIED GENERALIZED LORENZ SYSTEM AND FOLDED CHAOTIC ATTRACTORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 2573-2587.	0.7	5
164	Stability Control and Mode Shift of Ramp Compensation in V 2 Controlled Buck Converter. Chinese Journal of Electronics, 2015, 24, 295-299.	0.7	5
165	Inductor-free multi-stable Chuaâ€™s circuit constructed by improved PI-type memristor emulator and active Sallenâ€“Key high-pass filter. European Physical Journal: Special Topics, 2019, 228, 1983-1994.	1.2	5
166	A FEASIBLE MEMRISTIVE CHUA'S CIRCUIT VIA BRIDGING A GENERALIZED MEMRISTOR. Journal of Applied Analysis and Computation, 2016, 6, 1152-1163.	0.2	5
167	Sallenâ€“Key lowâ€pass filterâ€based inductorâ€free simplified Chua's circuit. Journal of Engineering, 2017, 2017, 653-655.	0.6	4
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