

Chunbiao Li

List of Publications by Year in descending order

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97
papers

4,145
citations

94269
37
h-index

118652
62
g-index

99
all docs

99
docs citations

99
times ranked

1176
citing authors

#	ARTICLE	IF	CITATIONS
1	Generating Any Number of Initial Offset-Boosted Coexisting Chua's Double-Scroll Attractors via Piecewise-Nonlinear Memristor. IEEE Transactions on Industrial Electronics, 2022, 69, 7202-7212.	5.2	61
2	Simplification of Chaotic Circuits With Quadratic Nonlinearity. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1837-1841.	2.2	9
3	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. IEEE Transactions on Industrial Electronics, 2022, 69, 10564-10572.	5.2	51
4	Memristor-type chaotic mapping. Chaos, 2022, 32, 021104.	1.0	33
5	A memristive RBF neural network and its application in unsupervised medical image segmentation. European Physical Journal: Special Topics, 2022, 231, 1005-1014.	1.2	2
6	A Conservative Memristive System with Amplitude Control and Offset Boosting. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	38
7	A Hidden Chaotic Attractor with an Independent Amplitude-Frequency Controller. Complexity, 2022, 2022, 1-11.	0.9	6
8	Simplified Memristive Lorenz Oscillator. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3344-3348.	2.2	5
9	Rotation control of an HR neuron with a locally active memristor. European Physical Journal Plus, 2022, 137, .	1.2	11
10	A 2-D conditional symmetric hyperchaotic map with complete control. Nonlinear Dynamics, 2022, 109, 1155-1165.	2.7	16
11	An Initially-Controlled Double-Scroll Hyperchaotic Map. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2022, 32, .	0.7	9
12	Dynamic transport: From bifurcation to multistability. Communications in Nonlinear Science and Numerical Simulation, 2021, 95, 105600.	1.7	20
13	Magnetic induction can control the effect of external electrical stimuli on the spiral wave. Applied Mathematics and Computation, 2021, 390, 125608.	1.4	7
14	Constructing chaotic repellers. Chaos, Solitons and Fractals, 2021, 142, 110544.	2.5	12
15	Spiral Waves in a Lattice Array of Josephson Junction Chaotic Oscillators with Flux Effects. Mathematical Problems in Engineering, 2021, 2021, 1-9.	0.6	6
16	A Memristive Hyperjerk Chaotic System: Amplitude Control, FPGA Design, and Prediction with Artificial Neural Network. Complexity, 2021, 2021, 1-17.	0.9	12
17	A simple memristive jerk system. IET Circuits, Devices and Systems, 2021, 15, 388-392.	0.9	15
18	Coexisting Infinite Equilibria and Chaos. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2130014.	0.7	33

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19	A 2D hyperchaotic map with conditional symmetry and attractor growth. <i>Chaos</i> , 2021, 31, 043121.	1.0	23
20	Suppressing spiral waves in a lattice array of coupled neurons using delayed asymmetric synapse coupling. <i>Chaos, Solitons and Fractals</i> , 2021, 146, 110855.	2.5	19
21	A 2D Hyperchaotic Map: Amplitude Control, Coexisting Symmetrical Attractors and Circuit Implementation. <i>Symmetry</i> , 2021, 13, 1047.	1.1	6
22	A memristive chaotic system with flexible attractor growing. <i>European Physical Journal: Special Topics</i> , 2021, 230, 1695-1708.	1.2	13
23	Asymmetry Evolvment and Controllability of a Symmetric Hyperchaotic Map. <i>Symmetry</i> , 2021, 13, 1039.	1.1	3
24	Analysis of Geometric Invariants for Three Types of Bifurcations in 2D Differential Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150105.	0.7	4
25	An amplitude-controllable 3-D hyperchaotic map with homogenous multistability. <i>Nonlinear Dynamics</i> , 2021, 105, 1843-1857.	2.7	27
26	Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 4945-4956.	3.5	33
27	Dynamical analysis of boundary behaviors of current-controlled DC-DC buck converter. <i>Nonlinear Dynamics</i> , 2021, 106, 2203-2228.	2.7	5
28	Periodic offset boosting for attractor self-reproducing. <i>Chaos</i> , 2021, 31, 113108.	1.0	7
29	A Double-Memristor Hyperchaotic Oscillator With Complete Amplitude Control. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 4935-4944.	3.5	32
30	Fixed-Time Synchronization of Complex Networks With a Simpler Nonchattering Controller. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2020, 67, 700-704.	2.2	54
31	Hidden Attractors with Conditional Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2030042.	0.7	19
32	A Memristive Chaotic System With Hypermultistability and Its Application in Image Encryption. <i>IEEE Access</i> , 2020, 8, 139289-139298.	2.6	38
33	Time-Reversible Chaotic System with Conditional Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050067.	0.7	5
34	Hyperchaotic Oscillation in the Deformed Rikitake Two-Disc Dynamo System Induced by Memory Effect. <i>Complexity</i> , 2020, 2020, 1-10.	0.9	3
35	Dynamics editing based on offset boosting. <i>Chaos</i> , 2020, 30, 063124.	1.0	42
36	Polarity balance for attractor self-reproducing. <i>Chaos</i> , 2020, 30, 063144.	1.0	14

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37	A memristive chaotic oscillator with controllable amplitude and frequency. Chaos, Solitons and Fractals, 2020, 139, 110000.	2.5	44
38	A Conditional Symmetric Memristive System With Infinitely Many Chaotic Attractors. IEEE Access, 2020, 8, 12394-12401.	2.6	44
39	Symmetry Evolution in Chaotic System. Symmetry, 2020, 12, 574.	1.1	16
40	Coexisting chaotic attractors in a memristive system and their amplitude control. Pramana - Journal of Physics, 2020, 94, 1.	0.9	9
41	Broken Symmetry in a Memristive Chaotic Oscillator. IEEE Access, 2020, 8, 69222-69229.	2.6	9
42	A Symmetric Controllable Hyperchaotic Hidden Attractor. Symmetry, 2020, 12, 550.	1.1	16
43	A conditional symmetric memristive system with amplitude and frequency control. European Physical Journal: Special Topics, 2020, 229, 1007-1019.	1.2	14
44	A memristive chaotic system with offset-boostable conditional symmetry. European Physical Journal: Special Topics, 2020, 229, 1059-1069.	1.2	17
45	Infinitely many coexisting attractors of a dual memristive Shinriki oscillator and its FPGA digital implementation. Chinese Journal of Physics, 2019, 62, 342-357.	2.0	22
46	Constructing hyperchaotic attractors of conditional symmetry. European Physical Journal B, 2019, 92, 1.	0.6	15
47	Doubling the coexisting attractors. Chaos, 2019, 29, 051102.	1.0	59
48	Controlling Coexisting Attractors of Conditional Symmetry. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2019, 29, 1950207.	0.7	17
49	Initial value-related dynamical analysis of the memristor-based system with reduced dimensions and its chaotic synchronization via adaptive sliding mode control method. Chinese Journal of Physics, 2019, 58, 117-131.	2.0	39
50	Conditional symmetry: bond for attractor growing. Nonlinear Dynamics, 2019, 95, 1245-1256.	2.7	52
51	Attractor and bifurcation of forced Lorenz-84 system. International Journal of Geometric Methods in Modern Physics, 2019, 16, 1950002.	0.8	8
52	Infinite lattice of hyperchaotic strange attractors. Chaos, Solitons and Fractals, 2018, 109, 76-82.	2.5	50
53	An infinite 3-D quasiperiodic lattice of chaotic attractors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2018, 382, 581-587.	0.9	109
54	Constructing Infinitely Many Attractors in a Programmable Chaotic Circuit. IEEE Access, 2018, 6, 29003-29012.	2.6	78

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55	A Memristive Chaotic Oscillator With Increasing Amplitude and Frequency. IEEE Access, 2018, 6, 12945-12950.	2.6	92
56	Offset Boosting for Breeding Conditional Symmetry. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2018, 28, 1850163.	0.7	65
57	A symmetric pair of hyperchaotic attractors. International Journal of Circuit Theory and Applications, 2018, 46, 2434-2443.	1.3	7
58	Modeling and experimental investigation of an AA-sized electromagnetic generator for harvesting energy from human motion. Smart Materials and Structures, 2018, 27, 085008.	1.8	36
59	A New Chaotic System with a Self-Excited Attractor: Entropy Measurement, Signal Encryption, and Parameter Estimation. Entropy, 2018, 20, 86.	1.1	70
60	Multiple coexisting attractors of the serial-parallel memristor-based chaotic system and its adaptive generalized synchronization. Nonlinear Dynamics, 2018, 94, 2785-2806.	2.7	40
61	A New Chaotic System with Multiple Attractors: Dynamic Analysis, Circuit Realization and S-Box Design. Entropy, 2018, 20, 12.	1.1	83
62	Multivariate Multiscale Complexity Analysis of Self-Reproducing Chaotic Systems. Entropy, 2018, 20, 556.	1.1	44
63	A Switchable Chaotic Oscillator with Two Amplitude-Frequency Controllers. Journal of Circuits, Systems and Computers, 2017, 26, 1750158.	1.0	15
64	Amplitude Control Analysis of a Four-Wing Chaotic Attractor, its Electronic Circuit Designs and Microcontroller-Based Random Number Generator. Journal of Circuits, Systems and Computers, 2017, 26, 1750190.	1.0	53
65	How to Bridge Attractors and Repellors. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750149.	0.7	15
66	Infinite Multistability in a Self-Reproducing Chaotic System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750160.	0.7	152
67	Datum correction based on wave equation inversion in time for UWB through-the-wall radar. IET Radar, Sonar and Navigation, 2017, 11, 1116-1123.	0.9	1
68	A new chaotic oscillator with free control. Chaos, 2017, 27, 083101.	1.0	78
69	Diagnosing multistability by offset boosting. Nonlinear Dynamics, 2017, 90, 1335-1341.	2.7	103
70	An infinite 2-D lattice of strange attractors. Nonlinear Dynamics, 2017, 89, 2629-2639.	2.7	94
71	Constructing chaotic systems with conditional symmetry. Nonlinear Dynamics, 2017, 87, 1351-1358.	2.7	113
72	Amplitude-phase control of a novel chaotic attractor. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 1-11.	0.9	27

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73	Crisis in Amplitude Control Hides in Multistability. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650233.	0.7	30
74	Variable-boostable chaotic flows. Optik, 2016, 127, 10389-10398.	1.4	175
75	Simple chaotic 3D flows with surfaces of equilibria. Nonlinear Dynamics, 2016, 86, 1349-1358.	2.7	126
76	A unique jerk system with hidden chaotic oscillation. Nonlinear Dynamics, 2016, 86, 197-203.	2.7	30
77	Synchronisation control of composite chaotic systems. International Journal of Systems Science, 2016, 47, 3952-3959.	3.7	5
78	Hypogenetic chaotic jerk flows. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 1172-1177.	0.9	85
79	A novel four-wing strange attractor born in bistability. IEICE Electronics Express, 2015, 12, 20141116-20141116.	0.3	39
80	Linearization of the Lorenz system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 888-893.	0.9	64
81	A raw data simulator for Bistatic Forward-looking High-speed Maneuvering-platform SAR. Signal Processing, 2015, 117, 151-164.	2.1	32
82	Constructing Chaotic Systems with Total Amplitude Control. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2015, 25, 1530025.	0.7	112
83	A New Class of Chaotic Circuit with Logic Elements. Journal of Circuits, Systems and Computers, 2015, 24, 1550136.	1.0	11
84	Coexisting Hidden Attractors in a 4-D Simplified Lorenz System. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450034.	0.7	238
85	A New Piecewise Linear Hyperchaotic Circuit. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 977-981.	2.2	100
86	Finding coexisting attractors using amplitude control. Nonlinear Dynamics, 2014, 78, 2059-2064.	2.7	79
87	Comment on "How to obtain extreme multistability in coupled dynamical systems". Physical Review E, 2014, 89, 066901.	0.8	21
88	Chaotic flows with a single nonquadratic term. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 178-183.	0.9	113
89	Multistability in the Lorenz System: A Broken Butterfly. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450131.	0.7	163
90	Bistability in a hyperchaotic system with a line equilibrium. Journal of Experimental and Theoretical Physics, 2014, 118, 494-500.	0.2	81

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91	Amplitude control approach for chaotic signals. Nonlinear Dynamics, 2013, 73, 1335-1341.	2.7	114
92	MULTISTABILITY IN A BUTTERFLY FLOW. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2013, 23, 1350199.	0.7	74
93	Absolute term introduced to rebuild the chaotic attractor with constant Lyapunov exponent spectrum. Nonlinear Dynamics, 2012, 68, 575-587.	2.7	44
94	Partially blind extraction of continuous chaotic signals from a linear mixture. Journal of Electronics, 2009, 26, 600-607.	0.2	0
95	Synchronization-based scheme for calculating ambiguity functions of wideband chaotic signals. IEEE Transactions on Aerospace and Electronic Systems, 2008, 44, 367-372.	2.6	6
96	The Scroll Control of a New Chaotic System. , 2008, , .		0
97	Effects of noise on the wave propagation in an excitable media with magnetic induction. European Physical Journal: Special Topics, 0, , 1.	1.2	3