Chunbiao Li

List of Publications by Citations

93	3,008	32	53
papers	citations	h-index	g-index
99	3,601	3.1	6.24
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
93	Coexisting Hidden Attractors in a 4-D Simplified Lorenz System. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2014**, 24, 1450034	2	215
92	Multistability in the Lorenz System: A Broken Butterfly. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2014**, 24, 1450131	2	138
91	Variable-boostable chaotic flows. *Optik*, **2016**, 127, 10389-10398	2.5	128
90	Infinite Multistability in a Self-Reproducing Chaotic System. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2017**, 27, 1750160	2	116
89	Simple chaotic 3D flows with surfaces of equilibria. *Nonlinear Dynamics*, **2016**, 86, 1349-1358	5	104
88	Amplitude control approach for chaotic signals. *Nonlinear Dynamics*, **2013**, 73, 1335-1341	5	99
87	Chaotic flows with a single nonquadratic term. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2014**, 378, 178-183	2.3	98
86	Constructing chaotic systems with conditional symmetry. *Nonlinear Dynamics*, **2017**, 87, 1351-1358	5	94
85	Constructing Chaotic Systems with Total Amplitude Control. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2015**, 25, 1530025	2	93
84	An infinite 3-D quasiperiodic lattice of chaotic attractors. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2018**, 382, 581-587	2.3	92
83	A New Piecewise Linear Hyperchaotic Circuit. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2014**, 61, 977-981	3.5	90
82	An infinite 2-D lattice of strange attractors. *Nonlinear Dynamics*, **2017**, 89, 2629-2639	5	79
81	Bistability in a hyperchaotic system with a line equilibrium. *Journal of Experimental and Theoretical Physics*, **2014**, 118, 494-500	1	73
80	A Memristive Chaotic Oscillator With Increasing Amplitude and Frequency. *IEEE Access*, **2018**, 6, 12945-12950	3.5	72
79	Hypogenetic chaotic jerk flows. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2016**, 380, 1172-1177	2.3	72
78	Diagnosing multistability by offset boosting. *Nonlinear Dynamics*, **2017**, 90, 1335-1341	5	71
77	MULTISTABILITY IN A BUTTERFLY FLOW. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2013**, 23, 1350199	2	68

76	Finding coexisting attractors using amplitude control. *Nonlinear Dynamics*, **2014**, 78, 2059-2064	5	65
75	Constructing Infinitely Many Attractors in a Programmable Chaotic Circuit. *IEEE Access*, **2018**, 6, 29003-29012	3.5	63
74	A New Chaotic System with Multiple Attractors: Dynamic Analysis, Circuit Realization and S-Box Design. *Entropy*, **2017**, 20,	2.8	63
73	A new chaotic oscillator with free control. *Chaos*, **2017**, 27, 083101	3.3	62
72	A New Chaotic System with a Self-Excited Attractor: Entropy Measurement, Signal Encryption, and Parameter Estimation. *Entropy*, **2018**, 20,	2.8	55
71	Linearization of the Lorenz system. *Physics Letters, Section A: General, Atomic and Solid State Physics* , **2015**, 379, 888-893	2.3	52
70	Offset Boosting for Breeding Conditional Symmetry. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2018**, 28, 1850163	2	47
69	Doubling the coexisting attractors. *Chaos*, **2019**, 29, 051102	3.3	43
68	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	0.9	42
67	Infinite lattice of hyperchaotic strange attractors. *Chaos, Solitons and Fractals*, **2018**, 109, 76-82	9.3	42
66	Multivariate Multiscale Complexity Analysis of Self-Reproducing Chaotic Systems. *Entropy*, **2018**, 20,	2.8	39
65	Absolute term introduced to rebuild the chaotic attractor with constant Lyapunov exponent spectrum. *Nonlinear Dynamics*, **2012**, 68, 575-587	5	39
64	Conditional symmetry: bond for attractor growing. *Nonlinear Dynamics*, **2019**, 95, 1245-1256	5	39
63	Fixed-Time Synchronization of Complex Networks With a Simpler Nonchattering Controller. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 700-704	3.5	35
62	A novel four-wing strange attractor born in bistability. *IEICE Electronics Express*, **2015**, 12, 20141116-20141116	1	33
61	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	3.5	32
60	Multiple coexisting attractors of the serial-parallel memristor-based chaotic system and its adaptive generalized synchronization. *Nonlinear Dynamics*, **2018**, 94, 2785-2806	5	31
59	A Conditional Symmetric Memristive System With Infinitely Many Chaotic Attractors. *IEEE Access*, **2020**, 8, 12394-12401	3.5	30

58	Crisis in Amplitude Control Hides in Multistability. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2016**, 26, 1650233	2	26
57	Dynamics editing based on offset boosting. *Chaos*, **2020**, 30, 063124	3.3	24
56	A unique jerk system with hidden chaotic oscillation. *Nonlinear Dynamics*, **2016**, 86, 197-203	5	24
55	Modeling and experimental investigation of an AA-sized electromagnetic generator for harvesting energy from human motion. *Smart Materials and Structures*, **2018**, 27, 085008	3.4	24
54	Amplitude-phase control of a novel chaotic attractor. *Turkish Journal of Electrical Engineering and Computer Sciences*, **2016**, 24, 1-11	0.9	23
53	A raw data simulator for Bistatic Forward-looking High-speed Maneuvering-platform SAR. *Signal Processing*, **2015**, 117, 151-164	4.4	21
52	Comment on "how to obtain extreme multistability in coupled dynamical systems". *Physical Review E*, **2014**, 89, 066901	2.4	20
51	A memristive chaotic oscillator with controllable amplitude and frequency. *Chaos, Solitons and Fractals*, **2020**, 139, 110000	9.3	19
50	Coexisting Infinite Equilibria and Chaos. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2021**, 31, 2130014	2	19
49	A Switchable Chaotic Oscillator with Two Amplitude-Frequency Controllers. *Journal of Circuits, Systems and Computers*, **2017**, 26, 1750158	0.9	15
48	Infinitely many coexisting attractors of a dual memristive Shinriki oscillator and its FPGA digital implementation. *Chinese Journal of Physics*, **2019**, 62, 342-357	3.5	15
47	A Memristive Chaotic System With Hypermultistability and Its Application in Image Encryption. *IEEE Access*, **2020**, 8, 139289-139298	3.5	14
46	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	13
45	Dynamic transport: From bifurcation to multistability. *Communications in Nonlinear Science and Numerical Simulation*, **2021**, 95, 105600	3.7	12
44	A 2D hyperchaotic map with conditional symmetry and attractor growth. *Chaos*, **2021**, 31, 043121	3.3	11
43	Generating Any Number of Initial Offset-boosted Coexisting Chua's Double-scroll Attractors via Piecewise-nonlinear Memristor. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	11
42	A New Class of Chaotic Circuit with Logic Elements. *Journal of Circuits, Systems and Computers*, **2015**, 24, 1550136	0.9	10
41	Polarity balance for attractor self-reproducing. *Chaos*, **2020**, 30, 063144	3.3	10

40	A conditional symmetric memristive system with amplitude and frequency control. *European Physical Journal: Special Topics*, **2020**, 229, 1007-1019	2.3	10
39	How to Bridge Attractors and Repellors. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2017**, 27, 1750149	2	9
38	Constructing hyperchaotic attractors of conditional symmetry. *European Physical Journal B*, **2019**, 92, 1	1.2	9
37	Symmetry Evolution in Chaotic System. *Symmetry*, **2020**, 12, 574	2.7	9
36	Hidden Attractors with Conditional Symmetry. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2030042	2	9
35	Controlling Coexisting Attractors of Conditional Symmetry. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2019**, 29, 1950207	2	9
34	A Symmetric Controllable Hyperchaotic Hidden Attractor. *Symmetry*, **2020**, 12, 550	2.7	8
33	Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-12	3.9	8
32	Memristor-type chaotic mapping.. *Chaos*, **2022**, 32, 021104	3.3	7
31	A Double-Memristor Hyperchaotic Oscillator With Complete Amplitude Control. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 68, 4935-4944	3.9	7
30	Suppressing spiral waves in a lattice array of coupled neurons using delayed asymmetric synapse coupling. *Chaos, Solitons and Fractals*, **2021**, 146, 110855	9.3	7
29	A memristive chaotic system with offset-boostable conditional symmetry. *European Physical Journal: Special Topics*, **2020**, 229, 1059-1069	2.3	7
28	A Memristive Hyperjerk Chaotic System: Amplitude Control, FPGA Design, and Prediction with Artificial Neural Network. *Complexity*, **2021**, 2021, 1-17	1.6	7
27	A symmetric pair of hyperchaotic attractors. *International Journal of Circuit Theory and Applications*, **2018**, 46, 2434-2443	2	7
26	Coexisting chaotic attractors in a memristive system and their amplitude control **2020**, 94, 1		6
25	A simple memristive jerk system. *IET Circuits, Devices and Systems*, **2021**, 15, 388	1.1	6
24	Broken Symmetry in a Memristive Chaotic Oscillator. *IEEE Access*, **2020**, 8, 69222-69229	3.5	5
23	Magnetic induction can control the effect of external electrical stimuli on the spiral wave. *Applied Mathematics and Computation*, **2021**, 390, 125608	2.7	5

22	Constructing chaotic repellors. *Chaos, Solitons and Fractals*, **2021**, 142, 110544	9.3	5
21	An amplitude-controllable 3-D hyperchaotic map with homogenous multistability. *Nonlinear Dynamics*, **2021**, 105, 1843-1857	5	5
20	Synchronisation control of composite chaotic systems. *International Journal of Systems Science*, **2016**, 47, 3952-3959	2.3	4
19	. *IEEE Transactions on Aerospace and Electronic Systems*, **2008**, 44, 367-372	3.7	4
18	Simplification of chaotic circuits with quadratic nonlinearity. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	4
17	Attractor and bifurcation of forced Lorenz-84 system. *International Journal of Geometric Methods in Modern Physics*, **2019**, 16, 1950002	1.5	4
16	A Conservative Memristive System with Amplitude Control and Offset Boosting. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2022**, 32,	2	4
15	Hyperchaotic Oscillation in the Deformed Rikitake Two-Disc Dynamo System Induced by Memory Effect. *Complexity*, **2020**, 2020, 1-10	1.6	3
14	Spiral Waves in a Lattice Array of Josephson Junction Chaotic Oscillators with Flux Effects. *Mathematical Problems in Engineering*, **2021**, 2021, 1-9	1.1	3
13	Time-Reversible Chaotic System with Conditional Symmetry. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050067	2	2
12	A memristive chaotic system with flexible attractor growing. *European Physical Journal: Special Topics*, **2021**, 230, 1695-1708	2.3	2
11	Asymmetry Evolvement and Controllability of a Symmetric Hyperchaotic Map. *Symmetry*, **2021**, 13, 1039	2.7	2
10	Datum correction based on wave equation inversion in time for UWB through-the-wall radar. *IET Radar, Sonar and Navigation*, **2017**, 11, 1116-1123	1.4	1
9	Periodic offset boosting for attractor self-reproducing. *Chaos*, **2021**, 31, 113108	3.3	1
8	Dynamical analysis of boundary behaviors of current-controlled DCDC buck converter. *Nonlinear Dynamics*, **2021**, 106, 2203	5	1
7	A 2D Hyperchaotic Map: Amplitude Control, Coexisting Symmetrical Attractors and Circuit Implementation. *Symmetry*, **2021**, 13, 1047	2.7	1
6	A Hidden Chaotic Attractor with an Independent Amplitude-Frequency Controller. *Complexity*, **2022**, 2022, 1-11	1.6	1
5	Effects of noise on the wave propagation in an excitable media with magnetic induction. *European Physical Journal: Special Topics*,1	2.3	0

4	Analysis of Geometric Invariants for Three Types of Bifurcations in 2D Differential Systems. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2021**, 31, 2150105	2	0
3	A memristive RBF neural network and its application in unsupervised medical image segmentation. *European Physical Journal: Special Topics*,1	2.3	0
2	Simplified memristive Lorenz oscillator. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	0
1	Partially blind extraction of continuous chaotic signals from a linear mixture. *Journal of Electronics*, **2009**, 26, 600-607		