Ning Wang

List of Publications by Year
in descending order

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30 papers	1,854 citations	471371 17 h-index	526166 27 g-index
30 all docs	30 docs citations	30 times ranked	960 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	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
3	Multistability in Chua's circuit with two stable node-foci. Chaos, 2016, 26, 043111.	1.0	147
4	Clustering Hierarchy Protocol in Wireless Sensor Networks Using an Improved PSO Algorithm. IEEE Access, 2017, 5, 2241-2253.	2.6	129
5	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
6	An Energy-Efficient Routing Algorithm for Software-Defined Wireless Sensor Networks. IEEE Sensors Journal, 2016, 16, 7393-7400.	2.4	115
7	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
8	Hidden attractors and multistability in a modified Chuaâ€™s circuit. Communications in Nonlinear Science and Numerical Simulation, 2021, 92, 105494.	1.7	97
9	Bursting oscillations and coexisting attractors in a simple memristor-capacitor-based chaotic circuit. Nonlinear Dynamics, 2019, 97, 1477-1494.	2.7	88
10	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
11	Infinitely many coexisting conservative flows in a 4D conservative system inspired by LC circuit. Nonlinear Dynamics, 2020, 99, 3197-3216.	2.7	54
12	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
13	Inductor-free simplified Chuaâ€™s circuit only using two-op-amp-based realization. Nonlinear Dynamics, 2016, 84, 511-525.	2.7	46
14	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
15	Generating grid chaotic sea from system without equilibrium point. Communications in Nonlinear Science and Numerical Simulation, 2022, 107, 106194.	1.7	35
16	Parametric Control for Multi-Scroll Attractor Generation via Nested Sine-PWL Function. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 1033-1037.	2.2	28
17	Coexisting asymmetric behavior and free control in a simple 3-D chaotic system. AEU - International Journal of Electronics and Communications, 2020, 122, 153234.	1.7	19
18	A Simple Autonomous Chaotic Circuit With Dead-Zone Nonlinearity. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3502-3506.	2.2	16

#	Article	IF	Citations
19	An Improved Memristive Diode Bridge-Based Band Pass Filter Chaotic Circuit. Mathematical Problems in Engineering, 2017, 2017, 1-11.	0.6	14
20	An Energy Efficient Clustering Protocol for Lifetime Maximization in Wireless Sensor Networks. , 2016, , .		13
21	Chaotic Dynamics by Some Quadratic Jerk Systems. Axioms, 2021, 10, 227.	0.9	11
22	A novel current-controlled memristor-based chaotic circuit. The Integration VLSI Journal, 2021, 80, 20-28.	1.3	10
23	Multistability route in a PWL multi-scroll system through fractional-order derivatives. Chaos, Solitons and Fractals, 2022, 161, 112355.	2.5	10
24	Parameter-Independent Dynamical Behaviors in Memristor-Based Wien-Bridge Oscillator. Mathematical Problems in Engineering, 2017, 2017, 1-13.	0.6	8
25	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
26	A FEASIBLE MEMRISTIVE CHUA'S CIRCUIT VIA BRIDGING A GENERALIZED MEMRISTOR. Journal of Applied Analysis and Computation, 2016, 6, 1152-1163.	0.2	5
27	The chaotic mechanisms in some jerk systems. AIMS Mathematics, 2022, 7, 15714-15740.	0.7	5
28	A Glider-Assisted Link Disruption Restoration Mechanism in Underwater Acoustic Sensor Networks. Sensors, 2018, 18, 501.	2.1	4
29	An efficient routing algorithm to prolong network lifetime in wireless sensor networks. , 2015, , .		3
30	Third-Order Generalized Memristor-Based Chaotic Circuit and its Complex Dynamics. , 2018, , .		2