

Shijian Cang

List of Publications by Year in descending order

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papers

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docs citations

30
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear dynamics analysis of cluster-shaped conservative flows generated from a generalized thermostatted system. <i>Chinese Physics B</i> , 2022, 31, 010501.	1.4	1
2	Global structures of clew-shaped conservative chaotic flows in a class of 3D one-thermostat systems. <i>Chaos, Solitons and Fractals</i> , 2022, 154, 111687.	5.1	2
3	Bifurcation and chaos in a smooth 3D dynamical system extended from Nosé-Hoover oscillator. <i>Chaos, Solitons and Fractals</i> , 2022, 158, 112016.	5.1	6
4	Pseudo-random number generator based on a generalized conservative Sprott-A system. <i>Nonlinear Dynamics</i> , 2021, 104, 827-844.	5.2	33
5	An Effective Approach for Constructing a Class of 4D Multicluster Conservative Chaotic Systems without External Excitation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, .	1.7	5
6	Chaotic and subharmonic oscillations in a DC-DC boost converter with PWM voltage-current hybrid controller and parallel MR load. <i>Nonlinear Dynamics</i> , 2020, 99, 1321-1339.	5.2	5
7	Conservative chaos and invariant tori in the modified Sprott A system. <i>Nonlinear Dynamics</i> , 2020, 99, 1699-1708.	5.2	32
8	A generic method for constructing n -fold covers of 3D conservative chaotic systems. <i>Chaos</i> , 2020, 30, 033103.	2.5	20
9	A new conservative system with isolated invariant tori and six-cluster chaotic flows. <i>European Physical Journal: Special Topics</i> , 2020, 229, 1335-1342.	2.6	9
10	Generating multicluster conservative chaotic flows from a generalized Sprott-A system. <i>Chaos, Solitons and Fractals</i> , 2020, 133, 109651.	5.1	24
11	Mechanical analysis and ultimate boundary estimation of the chaotic permanent magnet synchronous motor. <i>Journal of the Franklin Institute</i> , 2019, 356, 5378-5394.	3.4	11
12	Hidden and self-excited coexisting attractors in a Lorenz-like system with two equilibrium points. <i>Nonlinear Dynamics</i> , 2019, 95, 381-390.	5.2	62
13	Dynamical analysis and circuit implementation of a DC/DC single-stage boost converter with memristance load. <i>Nonlinear Dynamics</i> , 2018, 93, 1741-1755.	5.2	16
14	Single Crystal-Lattice-Shaped Chaotic and Quasi-Periodic Flows with Time-Reversible Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018, 28, 1830044.	1.7	10
15	Hyperchaos in a Conservative System with Nonhyperbolic Fixed Points. <i>Complexity</i> , 2018, 2018, 1-8.	1.6	22
16	Conservative Chaos in a Class of Nonconservative Systems: Theoretical Analysis and Numerical Demonstrations. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018, 28, 1850087.	1.7	25
17	On a 3-D generalized Hamiltonian model with conservative and dissipative chaotic flows. <i>Chaos, Solitons and Fractals</i> , 2017, 99, 45-51.	5.1	22
18	Distinguishing Lorenz and Chen Systems Based Upon Hamiltonian Energy Theory. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017, 27, 1750024.	1.7	20

#	ARTICLE	IF	CITATIONS
19	Four-dimensional autonomous dynamical systems with conservative flows: two-case study. <i>Nonlinear Dynamics</i> , 2017, 89, 2495-2508.	5.2	54
20	A New No-Equilibrium Chaotic System and Its Topological Horseshoe Chaos. <i>Advances in Mathematical Physics</i> , 2016, 2016, 1-6.	0.8	4
21	Simplified hyper-chaotic systems generating multi-wing non-equilibrium attractors. <i>Optik</i> , 2016, 127, 2424-2431.	2.9	37
22	Birth of one-to-four-wing chaotic attractors in a class of simplest three-dimensional continuous memristive systems. <i>Nonlinear Dynamics</i> , 2016, 83, 1987-2001.	5.2	28
23	A general method for exploring three-dimensional chaotic attractors with complicated topological structure based on the two-dimensional local vector field around equilibriums. <i>Nonlinear Dynamics</i> , 2016, 83, 1069-1078.	5.2	17
24	Chaotic behavior and circuit implementation of a fractional-order permanent magnet synchronous motor model. <i>Journal of the Franklin Institute</i> , 2015, 352, 2887-2898.	3.4	46
25	A Strange Double-Deck Butterfly Chaotic Attractor from a Permanent Magnet Synchronous Motor with Smooth Air Gap: Numerical Analysis and Experimental Observation. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-11.	0.7	3
26	Analytical and numerical investigation of a new Lorenz-like chaotic attractor with compound structures. <i>Nonlinear Dynamics</i> , 2014, 75, 745-760.	5.2	22
27	Projective synchronisation of fractional-order memristive systems with different structures based on active control method. <i>International Journal of Sensor Networks</i> , 2013, 14, 102.	0.4	3
28	Adaptive Sliding Mode Controller Design for Projective Synchronization of Different Chaotic Systems with Uncertain Terms and External Bounded Disturbances. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-10.	0.9	0
29	A hyperchaotic system without equilibrium. <i>Nonlinear Dynamics</i> , 2012, 69, 531-537.	5.2	136
30	A four-wing hyper-chaotic attractor and transient chaos generated from a new 4-D quadratic autonomous system. <i>Nonlinear Dynamics</i> , 2010, 59, 515-527.	5.2	90