

# Junwei Sun

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62

papers

1,199

citations

17

h-index

34

g-index

73

ext. papers

1,467

ext. citations

2.8

avg, IF

5.2

L-index

#	Paper	IF	Citations
62	Compound synchronization of four memristor chaotic oscillator systems and secure communication. <i>Chaos</i> , <b>2013</b> , 23, 013140	3.3	175
61	Autonomous memristor chaotic systems of infinite chaotic attractors and circuitry realization. <i>Nonlinear Dynamics</i> , <b>2018</b> , 94, 2879-2887	5	131
60	Finite-time real combination synchronization of three complex-variable chaotic systems with unknown parameters via sliding mode control. <i>Nonlinear Dynamics</i> , <b>2017</b> , 88, 1677-1690	5	94
59	Combination-combination synchronization among four identical or different chaotic systems. <i>Nonlinear Dynamics</i> , <b>2013</b> , 73, 1211-1222	5	90
58	Finite-time synchronization between two complex-variable chaotic systems with unknown parameters via nonsingular terminal sliding mode control. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 1105-1117	5	78
57	Finite-time combination-combination synchronization of four different chaotic systems with unknown parameters via sliding mode control. <i>Nonlinear Dynamics</i> , <b>2014</b> , 76, 383-397	5	69
56	Memristor-Based Neural Network Circuit of Full-Function Pavlov Associative Memory With Time Delay and Variable Learning Rate. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 2935-2945	10.2	49
55	Combination complex synchronization of three chaotic complex systems. <i>Nonlinear Dynamics</i> , <b>2015</b> , 79, 953-965	5	43
54	Compound synchronization for four chaotic systems of integer order and fractional order. <i>Europhysics Letters</i> , <b>2014</b> , 106, 40005	1.6	41
53	Transmission projective synchronization of multi-systems with non-delayed and delayed coupling via impulsive control. <i>Chaos</i> , <b>2012</b> , 22, 043107	3.3	41
52	Quasi-Ideal Memory System. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 1353-62	10.2	36
51	Compound-combination synchronization of five chaotic systems via nonlinear control. <i>Optik</i> , <b>2016</b> , 127, 4136-4143	2.5	30
50	Modified projective and modified function projective synchronization of a class of real nonlinear systems and a class of complex nonlinear systems. <i>Nonlinear Dynamics</i> , <b>2014</b> , 78, 1755-1764	5	28
49	Memristor-Based Neural Network Circuit of Emotion Congruent Memory With Mental Fatigue and Emotion Inhibition. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2021</b> , 15, 606-616	5.1	22
48	Compound-combination anti-synchronization of five simplest memristor chaotic systems. <i>Optik</i> , <b>2016</b> , 127, 9192-9200	2.5	22
47	Memristor-based neural network circuit of pavlov associative memory with dual mode switching. <i>AEU - International Journal of Electronics and Communications</i> , <b>2021</b> , 129, 153552	2.8	21
46	Dual Combination Synchronization of Six Chaotic Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , <b>2016</b> , 11,	1.4	20

45	Three-Variable Chaotic Oscillatory System Based on DNA Strand Displacement and Its Coupling Combination Synchronization. <i>IEEE Transactions on Nanobioscience</i> , <b>2020</b> , 19, 434-445	3.4	14
44	Hybrid Memristor Chaotic System. <i>Journal of Nanoelectronics and Optoelectronics</i> , <b>2018</b> , 13, 812-818	1.3	14
43	An Improved Non-dominated Sorting Genetic Algorithm-II (INSGA-II) applied to the design of DNA codewords. <i>Mathematics and Computers in Simulation</i> , <b>2018</b> , 151, 131-139	3.3	13
42	One-Bit Half Adder-Half Subtractor Logical Operation Based on the DNA Strand Displacement. <i>Journal of Nanoelectronics and Optoelectronics</i> , <b>2017</b> , 12, 375-380	1.3	13
41	Compound Synchronization of Four Chaotic Complex Systems. <i>Advances in Mathematical Physics</i> , <b>2015</b> , 2015, 1-11	1.1	12
40	Generalised mathematical model of memristor. <i>IET Circuits, Devices and Systems</i> , <b>2016</b> , 10, 244-249	1.1	11
39	Hiding Messages Based on DNA Sequence and Recombinant DNA Technique. <i>IEEE Nanotechnology Magazine</i> , <b>2019</b> , 18, 299-307	2.6	10
38	Adaptive generalized hybrid function projective dislocated synchronization of new four-dimensional uncertain chaotic systems. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 252, 304-314	2.7	10
37	Survival Risk Prediction of Esophageal Cancer Based on Self-Organizing Maps Clustering and Support Vector Machine Ensembles. <i>IEEE Access</i> , <b>2020</b> , 8, 131449-131460	3.5	10
36	Adaptive anti-synchronization of chaotic complex systems and chaotic real systems with unknown parameters. <i>JVC/Journal of Vibration and Control</i> , <b>2016</b> , 22, 2992-3003	2	9
35	Dynamical Analysis of Memcapacitor Chaotic System and Its Image Encryption Application. <i>International Journal of Control, Automation and Systems</i> , <b>2020</b> , 18, 1242-1249	2.9	8
34	Stability Based on PI Control of Three-Dimensional Chaotic Oscillatory System via DNA Chemical Reaction Networks. <i>IEEE Transactions on Nanobioscience</i> , <b>2021</b> , 20, 311-322	3.4	8
33	Real combination synchronization of three fractional-order complex-variable chaotic systems. <i>Optik</i> , <b>2016</b> , 127, 11460-11468	2.5	8
32	Dynamical properties and combination combination complex synchronization of four novel chaotic complex systems. <i>Optik</i> , <b>2016</b> , 127, 1572-1580	2.5	7
31	Simplest memristive system. <i>Optik</i> , <b>2018</b> , 156, 1-7	2.5	6
30	Four-Input Multi-Layer Majority Logic Circuit Based on DNA Strand Displacement Computing. <i>IEEE Access</i> , <b>2020</b> , 8, 3076-3086	3.5	5
29	Double Synchronization Based on DNA Strand Displacement Reaction. <i>IEEE Access</i> , <b>2020</b> , 8, 51560-51569	3.5	5
28	A Novel Scheme Adaptive Hybrid Dislocated Synchronization for Two Identical and Different Memristor Chaotic Oscillator Systems with Uncertain Parameters. <i>Abstract and Applied Analysis</i> , <b>2014</b> , 2014, 1-10	0.7	5

27	Function combination synchronization of three chaotic complex systems. <i>Optik</i> , <b>2016</b> , 127, 9504-9516	2.5	4
26	Proportional-Integral-Derivative Control of Four-Variable Chaotic Oscillatory Circuit Based on DNA Strand Displacement. <i>Journal of Nanoelectronics and Optoelectronics</i> , <b>2021</b> , 16, 612-623	1.3	4
25	Stability Monitoring of Batch Processes with Iterative Learning Control. <i>Advances in Mathematical Physics</i> , <b>2017</b> , 2017, 1-7	1.1	3
24	Dynamical Analysis of Novel Memristor Chaotic System and DNA Encryption Application. <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , <b>2020</b> , 44, 449-460	1.9	3
23	Adaptive Modified Function Projective Synchronization of Uncertain Complex Dynamical Networks with Multiple Time-Delay Couplings and Disturbances. <i>Mathematical Problems in Engineering</i> , <b>2018</b> , 2018, 1-11	1.1	3
22	A Secure Communication Scheme of Three-Variable Chaotic Coupling Synchronization Based on DNA Chemical Reaction Networks. <i>IEEE Transactions on Signal Processing</i> , <b>2022</b> , 1-1	4.8	3
21	A Novel Memcapacitor Model and Its Application for Image Encryption Algorithm. <i>Journal of Electrical and Computer Engineering</i> , <b>2019</b> , 2019, 1-16	1.9	2
20	Memristive Hopfield Neural Network for Reasoning with Incomplete Information and Its Circuit Implementation. <i>Journal of Nanoelectronics and Optoelectronics</i> , <b>2021</b> , 16, 1401-1411	1.3	2
19	Prediction of Survival Time of Patients With Esophageal Squamous Cell Carcinoma Based on Univariate Analysis and ASSA-BP Neural Network. <i>IEEE Access</i> , <b>2020</b> , 8, 181127-181136	3.5	2
18	Five Inputs Code Lock Circuit Design Based on DNA Strand Displacement Mechanism. <i>Nano</i> , <b>2019</b> , 14, 1950147	1.1	2
17	Combination-Combination Projective Synchronization of Multiple Chaotic Systems Using Sliding Mode Control. <i>Advances in Mathematical Physics</i> , <b>2018</b> , 2018, 1-10	1.1	2
16	Memristive circuits design under different personality traits based on second-order damping system. <i>Microelectronics Journal</i> , <b>2021</b> , 114, 105148	1.8	2
15	Hybrid Dislocated Control and General Hybrid Projective Dislocated Synchronization for Memristor Chaotic Oscillator System. <i>Advances in Mathematical Physics</i> , <b>2014</b> , 2014, 1-10	1.1	1
14	Design and Control for Four-Variable Chaotic Nanoelectronic Circuits Based on DNA Reaction Networks. <i>Journal of Nanoelectronics and Optoelectronics</i> , <b>2021</b> , 16, 1248-1262	1.3	1
13	Synchronization of Time Delay Coupled Neural Networks Based on Impulsive Control. <i>Mathematical Problems in Engineering</i> , <b>2020</b> , 2020, 1-8	1.1	1
12	Development and Validation of the Predictive Model for Esophageal Squamous Cell Carcinoma Differentiation Degree. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 595638	4.5	1
11	Epidemic Dynamics of a Fractional-Order SIS Infectious Network Model. <i>Discrete Dynamics in Nature and Society</i> , <b>2021</b> , 2021, 1-8	1.1	1
10	Epidemic Dynamics of a Fractional-Order SIR Weighted Network Model and Its Targeted Immunity Control. <i>Fractal and Fractional</i> , <b>2022</b> , 6, 232	3	1

9	Design and implementation of four-color conjecture circuit based on memristor neural network. <i>AEU - International Journal of Electronics and Communications</i> , <b>2022</b> , 144, 154041	2.8	o
8	Fixed-time output synchronization of coupled neural networks with output coupling and impulsive effects. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 17647	4.8	o
7	Memristor-Based Neural Network Circuit of Memory with Emotional Homeostasis. <i>IEEE Nanotechnology Magazine</i> , <b>2022</b> , 1-1	2.6	o
6	Survival risk prediction model for ESCC based on relief feature selection and CNN.. <i>Computers in Biology and Medicine</i> , <b>2022</b> , 145, 105460	7	o
5	The Predictive Model of Esophageal Squamous Cell Carcinoma Differentiation. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 322-335	0.3	
4	Synchronization of Chaos with a Single Driving Variable Feedback Control Based on DNA Strand Displacement. <i>Communications in Computer and Information Science</i> , <b>2022</b> , 437-446	0.3	
3	Synchronization Analysis of Multi-Order Fractional Neural Networks Via Continuous and Quantized Controls. <i>Neural Processing Letters</i> ,1	2.4	
2	Prognostic Staging System for Esophageal Cancer Using Lasso, Cox and CS-SVM. <i>Communications in Computer and Information Science</i> , <b>2022</b> , 317-329	0.3	
1	Clinical Prediction of Heart Failure in Hemodialysis Patients: Based on the Extreme Gradient Boosting Method.. <i>Frontiers in Genetics</i> , <b>2022</b> , 13, 889378	4.5	