

Lidan Wang

List of Publications by Year in descending order

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180
papers

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citations

172207

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183
all docs

183
docs citations

183
times ranked

2693
citing authors

#	ARTICLE	IF	CITATIONS
1	Memristor-Based Cellular Nonlinear/Neural Network: Design, Analysis, and Applications. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1202-1213.	7.2	232
2	Electronic Nose Feature Extraction Methods: A Review. Sensors, 2015, 15, 27804-27831.	2.1	207
3	Exponential Stability of Complex-Valued Memristive Recurrent Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 766-771.	7.2	141
4	A novel memristive Hopfield neural network with application in associative memory. Neurocomputing, 2017, 227, 142-148.	3.5	126
5	Artificial and wearable albumen protein memristor arrays with integrated memory logic gate functionality. Materials Horizons, 2019, 6, 1877-1882.	6.4	116
6	MEMRISTOR MODEL AND ITS APPLICATION FOR CHAOS GENERATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250205.	0.7	111
7	Resistive switching memory integrated with amorphous carbon-based nanogenerators for self-powered device. Nano Energy, 2019, 63, 103793.	8.2	111
8	Capacitive effect: An original of the resistive switching memory. Nano Energy, 2020, 68, 104386.	8.2	102
9	Negative Photoconductance Effect: An Extension Function of the TiO _x -Based Memristor. Advanced Science, 2021, 8, 2003765.	5.6	94
10	Volatile and Nonvolatile Memristive Devices for Neuromorphic Computing. Advanced Electronic Materials, 2022, 8, .	2.6	94
11	A Spintronic Memristor-Based Neural Network With Radial Basis Function for Robotic Manipulator Control Implementation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 582-588.	5.9	77
12	Pavlov associative memory in a memristive neural network and its circuit implementation. Neurocomputing, 2016, 171, 23-29.	3.5	71
13	Dynamical analysis and image encryption application of a novel memristive hyperchaotic system. Optics and Laser Technology, 2021, 133, 106553.	2.2	66
14	Diffusion generalized maximum correntropy criterion algorithm for distributed estimation over multitask network. , 2018, 81, 16-25.		61
15	Memristive crossbar array with applications in image processing. Science China Information Sciences, 2012, 55, 461-472.	2.7	56
16	Memristor-based RRAM with applications. Science China Information Sciences, 2012, 55, 1446-1460.	2.7	53
17	Memristive pulse coupled neural network with applications in medical image processing. Neurocomputing, 2017, 227, 149-157.	3.5	51
18	Resistive switching behaviors and memory logic functions in single MnO _x nanorod modulated by moisture. Chemical Communications, 2019, 55, 9915-9918.	2.2	51

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19	Small-world Hopfield neural networks with weight salience priority and memristor synapses for digit recognition. <i>Neural Computing and Applications</i> , 2016, 27, 837-844.	3.2	50
20	A Memristor-Based Scroll Chaotic System " Design, Analysis and Circuit Implementation. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1450099.	0.7	49
21	Impulsive Effects and Stability Analysis on Memristive Neural Networks With Variable Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 476-481.	7.2	49
22	Random Fourier Filters Under Maximum Correntropy Criterion. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018, 65, 3390-3403.	3.5	48
23	Evolution map of the memristor: from pure capacitive state to resistive switching state. <i>Nanoscale</i> , 2019, 11, 17222-17229.	2.8	45
24	Secure distributed estimation against false data injection attack. <i>Information Sciences</i> , 2020, 515, 248-262.	4.0	43
25	Quantized kernel maximum correntropy and its mean square convergence analysis. , 2017, 63, 164-176.		42
26	A memristor-based chaotic system and its field programmable gate array implementation. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2016, 65, 120503.	0.2	42
27	A flexible humidity sensor based on KC" MWCNTs composites. <i>Applied Surface Science</i> , 2016, 387, 149-154.	3.1	41
28	Diffusion least logarithmic absolute difference algorithm for distributed estimation. <i>Signal Processing</i> , 2018, 142, 423-430.	2.1	41
29	A memristive chaotic system with heart-shaped attractors and its implementation. <i>Chaos, Solitons and Fractals</i> , 2016, 92, 20-29.	2.5	36
30	A novel memristive electronic synapse-based Hermite chaotic neural network with application in cryptography. <i>Neurocomputing</i> , 2015, 166, 487-495.	3.5	35
31	Memristor-based hyper-chaotic circuit for image encryption*. <i>Chinese Physics B</i> , 2020, 29, 110504.	0.7	34
32	Hybrid memristor/RTD structure-based cellular neural networks with applications in image processing. <i>Neural Computing and Applications</i> , 2014, 25, 291-296.	3.2	31
33	Generation of multi-scroll delayed chaotic oscillator. <i>Electronics Letters</i> , 2006, 42, 1439.	0.5	29
34	Analog memristive memory with applications in audio signal processing. <i>Science China Information Sciences</i> , 2014, 57, 1-15.	2.7	28
35	Impulsive control for passivity and exponential synchronization of coupled neural networks with multiple weights. <i>Journal of the Franklin Institute</i> , 2019, 356, 5434-5463.	1.9	28
36	Memristor-based chaotic neural networks for associative memory. <i>Neural Computing and Applications</i> , 2014, 25, 1437-1445.	3.2	26

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37	Stability of impulsive delayed linear differential systems with delayed impulses. <i>Journal of the Franklin Institute</i> , 2015, 352, 3044-3068.	1.9	26
38	A spintronic memristor bridge synapse circuit and the application in memristive cellular automata. <i>Neurocomputing</i> , 2015, 167, 346-351.	3.5	26
39	Hybrid feature matrix construction and feature selection optimization-based multi-objective QPSO for electronic nose in wound infection detection. <i>Sensor Review</i> , 2016, 36, 23-33.	1.0	26
40	Globally exponential stability of delayed impulsive functional differential systems with impulse time windows. <i>Nonlinear Dynamics</i> , 2016, 84, 1655-1665.	2.7	26
41	A Modified Variational Bayesian Noise Adaptive Kalman Filter. <i>Circuits, Systems, and Signal Processing</i> , 2017, 36, 4260-4277.	1.2	26
42	Convergence Analysis of a Fixed Point Algorithm Under Maximum Complex Correntropy Criterion. <i>IEEE Signal Processing Letters</i> , 2018, 25, 1830-1834.	2.1	25
43	Chaotic Attractors Generated by a Memristor-Based Chaotic System and Julia Fractal. <i>Chaos, Solitons and Fractals</i> , 2021, 146, 110773.	2.5	25
44	Passivity and synchronization of coupled reaction-diffusion neural networks with multiple time-varying delays via impulsive control. <i>Neurocomputing</i> , 2018, 318, 30-42.	3.5	24
45	A class of improved least sum of exponentials algorithms. <i>Signal Processing</i> , 2016, 128, 340-349.	2.1	23
46	Enhancing Electronic Nose Performance Based on a Novel QPSO-KELM Model. <i>Sensors</i> , 2016, 16, 520.	2.1	22
47	A secure video watermarking technique based on hyperchaotic Lorentz system. <i>Multimedia Tools and Applications</i> , 2019, 78, 26089-26109.	2.6	22
48	Implementation of circuit for reconfigurable memristive chaotic neural network and its application in associative memory. <i>Neurocomputing</i> , 2020, 380, 36-42.	3.5	22
49	A novel versatile window function for memristor model with application in spiking neural network. <i>Neurocomputing</i> , 2020, 405, 239-246.	3.5	22
50	A Novel Feature Extraction Approach Using Window Function Capturing and QPSO-SVM for Enhancing Electronic Nose Performance. <i>Sensors</i> , 2015, 15, 15198-15217.	2.1	21
51	Multiple memristor series-parallel connections with use in synaptic circuit design. <i>IET Circuits, Devices and Systems</i> , 2017, 11, 123-134.	0.9	19
52	Boron-doped diamond nanowires for CO gas sensing application. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 383-389.	4.0	19
53	Multi-process image encryption scheme based on compressed sensing and multi-dimensional chaotic system. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019, 68, 200501.	0.2	19
54	A Simple Method for Constructing a Family of Hamiltonian Conservative Chaotic Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022, 69, 3328-3338.	3.5	19

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55	An improved design of RBF neural network control algorithm based on spintronic memristor crossbar array. <i>Neural Computing and Applications</i> , 2018, 30, 1939-1946.	3.2	18
56	Generating novel multi-scroll chaotic attractors via fractal transformation. <i>Nonlinear Dynamics</i> , 2022, 107, 3919-3944.	2.7	18
57	Novel Stability Criteria for Impulsive Memristive Neural Networks with Time-Varying Delays. <i>Circuits, Systems, and Signal Processing</i> , 2016, 35, 3935-3956.	1.2	17
58	Exponential stability analysis of delayed memristor-based recurrent neural networks with impulse effects. <i>Neural Computing and Applications</i> , 2017, 28, 669-678.	3.2	16
59	Pinning control for passivity and synchronization of coupled memristive reaction-diffusion neural networks with time-varying delay. <i>Neurocomputing</i> , 2020, 381, 113-129.	3.5	16
60	A mixed-kernel, variable-dimension memristive CNN for electronic nose recognition. <i>Neurocomputing</i> , 2021, 461, 129-136.	3.5	16
61	PID Controller Based on Memristive CMAC Network. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-6.	0.3	15
62	A Novel Chaotic Neural Network Using Memristive Synapse with Applications in Associative Memory. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-19.	0.3	14
63	Kernel Recursive Least Squares With Multiple Feedback and Its Convergence Analysis. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017, 64, 1237-1241.	2.2	14
64	A multi-wing butterfly chaotic system and its implementation. <i>International Journal of Circuit Theory and Applications</i> , 2017, 45, 1873-1884.	1.3	14
65	A multi-layer memristive recurrent neural network for solving static and dynamic image associative memory. <i>Neurocomputing</i> , 2019, 334, 35-43.	3.5	14
66	MTL: Memristor Ternary Logic Design. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2020, 30, 2050222.	0.7	14
67	A reconfigurable bidirectional associative memory network with memristor bridge. <i>Neurocomputing</i> , 2021, 454, 382-391.	3.5	14
68	A novel delayed chaotic neural model and its circuitry implementation. <i>Computers and Mathematics With Applications</i> , 2009, 57, 1736-1742.	1.4	13
69	A Novel Memristive Multilayer Feedforward Small-World Neural Network with Its Applications in PID Control. <i>Scientific World Journal</i> , The, 2014, 2014, 1-12.	0.8	13
70	Stability criterion of linear delayed impulsive differential systems with impulse time windows. <i>International Journal of Control, Automation and Systems</i> , 2016, 14, 174-180.	1.6	12
71	Hidden Attractor and Multistability in a Novel Memristor-Based System Without Symmetry. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021, 31, 2150168.	0.7	12
72	An improved WOx memristor model with synapse characteristic analysis. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2015, 64, 148501.	0.2	11

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73	A memristor-based time-delay chaotic systems and pseudo-random sequence generator. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 030502.	0.2	11
74	A Novel Pre-Processing Technique for Original Feature Matrix of Electronic Nose Based on Supervised Locality Preserving Projections. Sensors, 2016, 16, 1019.	2.1	10
75	Nonvolatile Boolean logic in the one-transistor-one-memristor crossbar array for reconfigurable logic computing. AEU - International Journal of Electronics and Communications, 2021, 129, 153542.	1.7	10
76	Memristive Hodgkin-Huxley Spiking Neuron Model for Reproducing Neuron Behaviors. Frontiers in Neuroscience, 2021, 15, 730566.	1.4	10
77	Chaotic circuit of ion migration memristor and its application in the voice secure communication. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 210507.	0.2	10
78	Memristor-based multi-scroll chaotic system and its pulse synchronization control. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 110502.	0.2	10
79	SRMC: A Multibit Memristor Crossbar for Self-Renewing Image Mask. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 2830-2841.	2.1	9
80	Reduction 93.7% time and power consumption using a memristor-based imprecise gradient update algorithm. Artificial Intelligence Review, 2022, 55, 657-677.	9.7	9
81	A Multiring Julia Fractal Chaotic System With Separated-Scroll Attractors. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2021, 29, 2210-2219.	2.1	9
82	Two types of nanoscale nonlinear memristor models and their series-parallel circuits. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 128502.	0.2	9
83	QuantBayes: Weight Optimization for Memristive Neural Networks via Quantization-Aware Bayesian Inference. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4851-4861.	3.5	9
84	Memristor-based time-delay hyperchaotic system with circuit simulation and image encryption. Physica Scripta, 2022, 97, 035204.	1.2	9
85	A Novel Optimization Technique to Improve Gas Recognition by Electronic Noses Based on the Enhanced Krill Herd Algorithm. Sensors, 2016, 16, 1275.	2.1	8
86	The Application of Convolution Neural Networks in Sign Language Recognition. , 2018, , .		8
87	GAU-Net: U-Net Based on Global Attention Mechanism for brain tumor segmentation. Journal of Physics: Conference Series, 2021, 1861, 012041.	0.3	8
88	Julia fractal based multi-scroll memristive chaotic system. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 090502.	0.2	8
89	Memristor-based chaotic system with abundant dynamical behaviors and its application. European Physical Journal Plus, 2021, 136, 1.	1.2	8
90	A novel conservative system with hidden flows evolved from the simplest memristive circuit. Chaos, 2022, 32, 033111.	1.0	8

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91	A Double-Wing Chaotic System Based on Ion Migration Memristor and Its Sliding Mode Control. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2016, 26, 1650129.	0.7	7
92	Kernel Online Learning Algorithm With Scale Adaptation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1788-1792.	2.2	7
93	Highly Sensitive Humidity Sensor Based on Oblique Carbon Nanoplumes. Sensors, 2018, 18, 3407.	2.1	7
94	High frequency patterns play a key role in the generation of adversarial examples. Neurocomputing, 2021, 459, 131-141.	3.5	7
95	Memristor-based time-delay chaotic system with hidden extreme multi-stability and pseudo-random sequence generator. European Physical Journal: Special Topics, 2021, 230, 3481.	1.2	7
96	ESACycleGAN: Edge feature and self-attention based cycle-consistent generative adversarial network for style transfer. IET Image Processing, 2022, 16, 176-190.	1.4	7
97	Stability of a generalized Putnam equation. Applied Mathematics Letters, 2009, 22, 565-568.	1.5	6
98	Memristive Multilevel Memory with Applications in Audio Signal Storage. Lecture Notes in Computer Science, 2011, , 228-235.	1.0	6
99	A Chaotic Attractor in Delayed Memristive System. Abstract and Applied Analysis, 2012, 2012, 1-8.	0.3	6
100	Memristive Chebyshev Neural Network and Its Applications in Function Approximation. Mathematical Problems in Engineering, 2013, 2013, 1-7.	0.6	6
101	Route searching based on neural networks and heuristic reinforcement learning. Cognitive Neurodynamics, 2017, 11, 245-258.	2.3	6
102	A memristor-CMOS-based general-logic circuit and its applications. Scientia Sinica Informationis, 2020, 50, 289-302.	0.2	6
103	Research of coupling behavior based on series-parallel flux-controlled memristor. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 237303.	0.2	6
104	Memristive LIF Spiking Neuron Model and Its Application in Morse Code. Frontiers in Neuroscience, 2022, 16, 853010.	1.4	6
106	A novel memristor-based chaotic image encryption algorithm with Hash process and S-box. European Physical Journal: Special Topics, 2022, 231, 465-480.	1.2	6
107	Memristor-based neural network PID controller for buck converter. , 2015, , .		5
108	A Novel Semi-Supervised Electronic Nose Learning Technique: M-Training. Sensors, 2016, 16, 370.	2.1	5

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109	Fusion of Image Storage and Operation Based on Ag-Chalcogenide Memristor with Synaptic Plasticity. <i>Journal of Circuits, Systems and Computers</i> , 2017, 26, 1750161.	1.0	5
110	Spintronic memristor synapse and its RWC learning algorithm. <i>IET Circuits, Devices and Systems</i> , 2018, 12, 579-588.	0.9	5
111	Markov Chain Based Efficient Defense Against Adversarial Examples in Computer Vision. <i>IEEE Access</i> , 2019, 7, 5695-5706.	2.6	5
112	An Image Denoising Method Based on Deep Residual GAN. <i>Journal of Physics: Conference Series</i> , 2020, 1550, 032127.	0.3	5
113	Bayesian neural network enhancing reliability against conductance drift for memristor neural networks. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	5
114	Performance Improvement of MoS ₂ , Gas Sensor at Room Temperature. <i>IEEE Transactions on Electron Devices</i> , 2021, 68, 4644-4650.	1.6	5
115	A Novel Semi-Supervised Method of Electronic Nose for Indoor Pollution Detection Trained by M-S4VMs. <i>Sensors</i> , 2016, 16, 1462.	2.1	4
116	Communication-Reducing Algorithm of Distributed Least Mean Square Algorithm with Neighbor-Partial Diffusion. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 4416-4435.	1.2	4
117	Classification of positive solutions for fully nonlinear elliptic equations in unbounded cylinders. <i>Communications on Pure and Applied Analysis</i> , 2021, 20, 1241.	0.4	4
118	A novel memristor-based chaotic system with line equilibria and its complex dynamics. <i>Modern Physics Letters B</i> , 2021, 35, .	1.0	4
119	Memristive Device Based Filter and Integration Circuits with Applications. <i>Advanced Science Letters</i> , 2012, 8, 194-199.	0.2	4
120	Memristive Izhikevich Spiking Neuron Model and Its Application in Oscillatory Associative Memory. <i>Frontiers in Neuroscience</i> , 2022, 16, 885322.	1.4	4
121	Memristive Perceptron for Combinational Logic Classification. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	0.6	3
122	Novel Existence and Stability Criteria of Periodic Solutions for Impulsive Delayed Neural Networks Via Coefficient Integral Averages. <i>Neurocomputing</i> , 2016, 216, 587-595.	3.5	3
123	Simplified quantised kernel least mean square algorithm with fixed budget. <i>Electronics Letters</i> , 2016, 52, 1453-1455.	0.5	3
124	Fast Convergent Capsule Network with Applications in MNIST. <i>Lecture Notes in Computer Science</i> , 2018, , 3-10.	1.0	3
125	An Improved Diffusion Affine Projection Estimation Algorithm for Wireless Sensor Networks. <i>Circuits, Systems, and Signal Processing</i> , 2020, 39, 3173-3188.	1.2	3
126	Chinese image caption of Inceptionv4 and double-layer GRUs based on attention mechanism. <i>Journal of Physics: Conference Series</i> , 2021, 1861, 012044.	0.3	3

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127	High-temperature operation of v-MoS ₂ nanowalls/TiO ₂ photodetectors with excellent performances. <i>Scientia Sinica Informationis</i> , 2014, 44, 920-930.		3
128	Memristor ratioed logic crossbar-based delay and jump key flip-flops design. <i>International Journal of Circuit Theory and Applications</i> , 2022, 50, 1353-1364.	1.3	3
130	High-temperature operation of v-MoS ₂ nanowalls/TiO ₂ photodetectors with excellent performances. <i>Applied Surface Science</i> , 2022, 599, 153904.	3.1	3
131	A novel chaotic neural network for many-to-many associations and successive learning. , 2003, , .		2
132	Resonant Tunneling Diodes-Based Cellular Nonlinear Networks with Fault Tolerance Analysis. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-8.	0.6	2
133	An ultra-low power CMOS subthreshold voltage reference without requiring resistors or BJTs. , 2016, , .		2
134	Energy consumption analysis for the read and write mode of the memristor with voltage threshold in the real-time control system. <i>Neurocomputing</i> , 2017, 266, 477-484.	3.5	2
135	The nonlinear meminductor models with its study on the device parameters variation. , 2017, , .		2
136	A novel PID neural network controller based on memristor. , 2017, , .		2
137	Diffusion Logarithm-Correntropy Algorithm for Parameter Estimation in Non-Stationary Environments over Sensor Networks. <i>Sensors</i> , 2018, 18, 3381.	2.1	2
138	Multi-column Spatial Transformer Convolution Neural Network for Traffic Sign Recognition. <i>Lecture Notes in Computer Science</i> , 2018, , 593-600.	1.0	2
139	An Improved Memristor-Based Associative Memory Circuit for Full-Function Pavlov Experiment. <i>Lecture Notes in Computer Science</i> , 2019, , 603-610.	1.0	2
140	R-CapsNet: An Improvement of Capsule Network for More Complex Data. , 2019, , .		2
141	Car Plate Detection Based on Yolov3. <i>Journal of Physics: Conference Series</i> , 2020, 1544, 012039.	0.3	2
142	Reconfigurable logic circuit design for stateful Boolean logic computing. <i>Science China Information Sciences</i> , 2021, 64, 1.	2.7	2
143	A Novel Chaotic Neural Network for Automatic Material Ratio System. <i>Lecture Notes in Computer Science</i> , 2004, , 813-819.	1.0	2
144	Analysis of Fault Tolerance of Cellular Neural Networks and Applications to Image Processing. , 2007, , .		1

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145	Generation and Circuitry Implementation of an N-Double Scroll Delayed Chaotic Neuron. , 2008, , .		1
146	A threshold adaptive memristor model analysis with application in image storage. , 2015, , .		1
147	A Multi-Scroll Memristive Chaotic System via Fractal Process. , 2018, , .		1
148	Impact Analysis of the Memristor Failure on Real-Time Control System of Robotic Arm. Neural Processing Letters, 2019, 49, 1321-1333.	2.0	1
149	An Improved Capsule Network Based on Newly Reconstructed Network and the Method of Sharing Parameters. Lecture Notes in Computer Science, 2019, , 116-123.	1.0	1
150	Exploration and Practice on the Integration of Innovation and Entrepreneurship Education and Electronic Information Professional Education under the Background of the Construction of New Engineering. Creative Education Studies, 2021, 09, 674-680.	0.0	1
151	Designing Twin Memristor-Based Multiscroll Systems by Varying the Flux Variable of Memristor. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150099.	0.7	1
152	The Exponential Property of Solutions Bounded from Below to Degenerate Equations in Unbounded Domains. Acta Mathematica Scientia, 0, , 1.	0.5	1
153	A Novel Four-Dimensional Memristive Hyperchaotic System with Its Analog Circuit Implementation. Lecture Notes in Computer Science, 2015, , 157-165.	1.0	1
154	Reconfigurable nonvolatile boolean logic with one-transistor-two-memristor for in-memory computing. Semiconductor Science and Technology, 0, , .	1.0	1
155	Transient Response and Firing Behaviors of Memristive Neuron Circuit. Frontiers in Neuroscience, 0, 16, .	1.4	1
156	Adaptive Chaotic Controlling Method of a Chaotic Neural Network Model. Lecture Notes in Computer Science, 2005, , 363-368.	1.0	0
157	Associative Memory and Successive Learning in Chaotic Neural Network. , 2007, , .		0
158	Circuitry Implementation for a Simple Delayed Chaotic Neural Model with PWL Function. , 2008, , .		0
159	Adaptive Synchronization between Two Delayed Chaotic Systems Based on Parameter Identification. , 2008, , .		0
160	Chaos Synchronization between Coupled Hyperchaotic Systems and Its Circuitry Implementation. , 2008, , .		0
161	RTDs Based Cellular Neural/Nonlinear Networks with Applications in Image Processing. Advanced Materials Research, 2011, 403-408, 2289-2292.	0.3	0
162	Uniform stability of nonautonomous impulsive differential systems with time delay. , 2015, , .		0

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163	Bayesian random Fourier filters for Gaussian noises. Science China Information Sciences, 2018, 61, 1.	2.7	0
164	Analysis and Circuit Implementation of a Novel Memristor Based Hyper-chaotic System. Lecture Notes in Computer Science, 2018, , 364-371.	1.0	0
165	A Novel Memristor-CMOS Hybrid Full-Adder and Its Application. Lecture Notes in Computer Science, 2019, , 556-564.	1.0	0
166	Pinning Passivity of Reaction-Diffusion Neural Networks with and without Time-Varying Delay. , 2019, , .		0
167	Ensemble of online sequential extreme learning machine based on cross-validation. Journal of Physics: Conference Series, 2020, 1550, 032156.	0.3	0
168	Convolution Kernel Operations on a Two-Dimensional Spin Memristor Cross Array. Sensors, 2020, 20, 6229.	2.1	0
169	Memristive combinational logic circuits and stochastic computing implementation scheme. Circuit World, 2021, ahead-of-print, .	0.7	0
170	Associative Chaotic Neural Network via Exponential Decay Spatio-temporal Effect. Lecture Notes in Computer Science, 2005, , 491-496.	1.0	0
171	Memristive Radial Basis Function Neural Network for Parameters Adjustment of PID Controller. Lecture Notes in Computer Science, 2014, , 150-158.	1.0	0
172	Influence of length parameter on the characteristics of nanoscale titanium oxide memristor. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 108502.	0.2	0
173	A Spintronic Memristor Based PID Controller. , 0, , .		0
174	A New Complex Hyper-chaotic System and Chaotic Synchronization of Error Feedback with Disturbance. Lecture Notes in Computer Science, 2019, , 288-296.	1.0	0
175	Circuitry Analog and Synchronization of Hyperchaotic Neuron Model. Lecture Notes in Computer Science, 2008, , 580-587.	1.0	0
176	MC-CapsNet : Low-level Pooling and High-level Fusion of Multi-columns Capsule Network. , 2021, , .		0
177	Designing a Novel Memristor-based Chaotic System Pumped by Cosine and its Application in Image Encryption. , 2021, , .		0
178	Spiking Spatio-Temporal Channle. , 2022, , .		0
179	The dimensional estimates of exponential growth solutions to uniformly elliptic equations of non-divergence form. Discrete and Continuous Dynamical Systems, 2022, .	0.5	0
180	Design of heterogeneous time-lags system with multi-stability and its analog circuit. Chaos, Solitons and Fractals, 2022, 161, 112331.	2.5	0