Lidan Wang

List of Publications by Year
in descending order

180 papers	3,589 citations	172207 29 h-index	168136 53 g-index
183 all docs	183 docs citations	183 times ranked	2693 citing authors

#	Article	IF	Citations
1	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
2	ESAâ€CycleGAN: Edge feature and selfâ€attention based cycleâ€consistent generative adversarial network for style transfer. IET Image Processing, 2022, 16, 176-190.	1.4	7
3	Memristor-based time-delay hyperchaotic system with circuit simulation and image encryption. Physica Scripta, 2022, 97, 035204.	1.2	9
4	Generating novel multi-scroll chaotic attractors via fractal transformation. Nonlinear Dynamics, 2022, 107, 3919-3944.	2.7	18
5	Volatile and Nonvolatile Memristive Devices for Neuromorphic Computing. Advanced Electronic Materials, 2022, 8, .	2.6	94
6	A novel conservative system with hidden flows evolved from the simplest memristive circuit. Chaos, 2022, 32, 033111.	1.0	8
7	Memristive LIF Spiking Neuron Model and Its Application in Morse Code. Frontiers in Neuroscience, 2022, 16, 853010.	1.4	6
8	Memristor ratioed logic crossbarâ€based delay and jumpâ€key flipâ€flops design. International Journal of Circuit Theory and Applications, 2022, 50, 1353-1364.	1.3	3
9	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
10	A Simple Method for Constructing a Family of Hamiltonian Conservative Chaotic Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 3328-3338.	3.5	19
11	Memristive Izhikevich Spiking Neuron Model and Its Application in Oscillatory Associative Memory. Frontiers in Neuroscience, 2022, 16, 885322.	1.4	4
12	Spiking Spatio-Temporal Channle. , 2022, , .		0
13	High-temperature operation of v-MoS2 nanowalls/TiO2 photodetectors with excellent performances. Applied Surface Science, 2022, 599, 153904.	3.1	3
14	The dimensional estimates of exponential growth solutions to uniformly elliptic equations of non-divergence form. Discrete and Continuous Dynamical Systems, 2022, .	0.5	0
15	Design of heterogeneous time-lags system with multi-stability and its analog circuit. Chaos, Solitons and Fractals, 2022, 161, 112331.	2.5	0
16	Dynamical analysis and image encryption application of a novel memristive hyperchaotic system. Optics and Laser Technology, 2021, 133, 106553.	2.2	66
17	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
18	Classification of positive solutions for fully nonlinear elliptic equations in unbounded cylinders. Communications on Pure and Applied Analysis, 2021, 20, 1241.	0.4	4

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19	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
20	Reconfigurable logic circuit design for stateful Boolean logic computing. Science China Information Sciences, 2021, 64, 1.	2.7	2
21	Chinese image caption of Inceptionv4 and double-layer GRUs based on attention mechanism. Journal of Physics: Conference Series, 2021, 1861, 012044.	0.3	3
22	GAU-Net: U-Net Based on Global Attention Mechanism for brain tumor segmentation. Journal of Physics: Conference Series, 2021, 1861, 012041.	0.3	8
23	Bayesian neural network enhancing reliability against conductance drift for memristor neural networks. Science China Information Sciences, 2021, 64, 1.	2.7	5
24	Chaotic Attractors Generated by a Memristor-Based Chaotic System and Julia Fractal. Chaos, Solitons and Fractals, 2021, 146, 110773.	2.5	25
25	Negative Photoconductance Effect: An Extension Function of the TiO$_x$â€Based Memristor. Advanced Science, 2021, 8, 2003765.	5.6	94
26	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
27	Memristive combinational logic circuits and stochastic computing implementation scheme. Circuit World, 2021, ahead-of-print, .	0.7	0
28	A reconfigurable bidirectional associative memory network with memristor bridge. Neurocomputing, 2021, 454, 382-391.	3.5	14
29	Performance Improvement of MoSâ‚‚ Gas Sensor at Room Temperature. IEEE Transactions on Electron Devices, 2021, 68, 4644-4650.	1.6	5
30	Memristive Hodgkin-Huxley Spiking Neuron Model for Reproducing Neuron Behaviors. Frontiers in Neuroscience, 2021, 15, 730566.	1.4	10
31	A novel memristor-based chaotic system with line equilibria and its complex dynamics. Modern Physics Letters B, 2021, 35, .	1.0	4
32	Hidden Attractor and Multistability in a Novel Memristor-Based System Without Symmetry. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2021, 31, 2150168.	0.7	12
33	A mixed-kernel, variable-dimension memristive CNN for electronic nose recognition. Neurocomputing, 2021, 461, 129-136.	3.5	16
34	High frequency patterns play a key role in the generation of adversarial examples. Neurocomputing, 2021, 459, 131-141.	3.5	7
35	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
36	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

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37	Memristor-based chaotic system with abundant dynamical behaviors and its application. European Physical Journal Plus, 2021, 136, 1.	1.2	8
38	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
39	MC-CapsNet : Low-level Pooling and High-level Fusion of Multi-columns Capsule Network. , 2021, , .		0
40	Designing a Novel Memristor-based Chaotic System Pumped by Cosine and its Application in Image Encryption. , 2021, , .		0
41	Implementation of circuit for reconfigurable memristive chaotic neural network and its application in associative memory. Neurocomputing, 2020, 380, 36-42.	3.5	22
42	An Improved Diffusion Affine Projection Estimation Algorithm for Wireless Sensor Networks. Circuits, Systems, and Signal Processing, 2020, 39, 3173-3188.	1.2	3
43	Secure distributed estimation against false data injection attack. Information Sciences, 2020, 515, 248-262.	4.0	43
44	Capacitive effect: An original of the resistive switching memory. Nano Energy, 2020, 68, 104386.	8.2	102
45	Pinning control for passivity and synchronization of coupled memristive reactionâ€"diffusion neural networks with time-varying delay. Neurocomputing, 2020, 381, 113-129.	3.5	16
46	Ensemble of online sequential extreme learning machine based on cross-validation. Journal of Physics: Conference Series, 2020, 1550, 032156.	0.3	0
47	Convolution Kernel Operations on a Two-Dimensional Spin Memristor Cross Array. Sensors, 2020, 20, 6229.	2.1	0
48	An Image Denoising Method Based on Deep Residual GAN. Journal of Physics: Conference Series, 2020, 1550, 032127.	0.3	5
49	MTL: Memristor Ternary Logic Design. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2020, 30, 2050222.	0.7	14
50	A novel versatile window function for memristor model with application in spiking neural network. Neurocomputing, 2020, 405, 239-246.	3.5	22
51	Communication-Reducing Algorithm of Distributed Least Mean Square Algorithm with Neighbor-Partial Diffusion. Circuits, Systems, and Signal Processing, 2020, 39, 4416-4435.	1.2	4
52	Car Plate Detection Based on Yolov3. Journal of Physics: Conference Series, 2020, 1544, 012039.	0.3	2
53	Memristor-based hyper-chaotic circuit for image encryption*. Chinese Physics B, 2020, 29, 110504.	0.7	34
54	A memristor-CMOS-based general-logic circuit and its applications. Scientia Sinica Informationis, 2020, 50, 289-302.	0.2	6

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55	Impact Analysis of the Memristor Failure on Real-Time Control System of Robotic Arm. Neural Processing Letters, 2019, 49, 1321-1333.	2.0	1
56	A Novel Memristor-CMOS Hybrid Full-Adder and Its Application. Lecture Notes in Computer Science, 2019, , 556-564.	1.0	0
57	An Improved Memristor-Based Associative Memory Circuit for Full-Function Pavlov Experiment. Lecture Notes in Computer Science, 2019, , 603-610.	1.0	2
58	Resistive switching behaviors and memory logic functions in single MnO_x nanorod modulated by moisture. Chemical Communications, 2019, 55, 9915-9918.	2.2	51
59	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
60	Evolution map of the memristor: from pure capacitive state to resistive switching state. Nanoscale, 2019, 11, 17222-17229.	2.8	45
61	Artificial and wearable albumen protein memristor arrays with integrated memory logic gate functionality. Materials Horizons, 2019, 6, 1877-1882.	6.4	116
62	A secure video watermarking technique based on hyperchaotic Lorentz system. Multimedia Tools and Applications, 2019, 78, 26089-26109.	2.6	22
63	Resistive switching memory integrated with amorphous carbon-based nanogenerators for self-powered device. Nano Energy, 2019, 63, 103793.	8.2	111
64	Impulsive control for passivity and exponential synchronization of coupled neural networks with multiple weights. Journal of the Franklin Institute, 2019, 356, 5434-5463.	1.9	28
65	Pinning Passivity of Reaction-Diffusion Neural Networks with and without Time-Varying Delay. , 2019, , .		0
66	R-CapsNet: An Improvement of Capsule Network for More Complex Data. , 2019, , .		2
67	Markov Chain Based Efficient Defense Against Adversarial Examples in Computer Vision. IEEE Access, 2019, 7, 5695-5706.	2.6	5
68	A multi-layer memristive recurrent neural network for solving static and dynamic image associative memory. Neurocomputing, 2019, 334, 35-43.	3.5	14
69	Multi-process image encryption scheme based on compressed sensing and multi-dimensional chaotic system. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 200501.	0.2	19
70	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
71	Kernel Online Learning Algorithm With Scale Adaptation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1788-1792.	2.2	7
72	Diffusion generalized maximum correntropy criterion algorithm for distributed estimation over multitask network. , 2018, 81, 16-25.		61

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73	An improved design of RBF neural network control algorithm based on spintronic memristor crossbar array. Neural Computing and Applications, 2018, 30, 1939-1946.	3.2	18
74	Diffusion least logarithmic absolute difference algorithm for distributed estimation. Signal Processing, 2018, 142, 423-430.	2.1	41
75	The Application of Convolution Neural Networks in Sign Language Recognition. , 2018, , .		8
76	Bayesian random Fourier filters for Gaussian noises. Science China Information Sciences, 2018, 61, 1.	2.7	0
77	Convergence Analysis of a Fixed Point Algorithm Under Maximum Complex Correntropy Criterion. IEEE Signal Processing Letters, 2018, 25, 1830-1834.	2.1	25
78	Diffusion Logarithm-Correntropy Algorithm for Parameter Estimation in Non-Stationary Environments over Sensor Networks. Sensors, 2018, 18, 3381.	2.1	2
79	Highly Sensitive Humidity Sensor Based on Oblique Carbon Nanoplumes. Sensors, 2018, 18, 3407.	2.1	7
80	Spintronic memristor synapse and its RWC learning algorithm. IET Circuits, Devices and Systems, 2018, 12, 579-588.	0.9	5
81	Fast Convergent Capsule Network with Applications in MNIST. Lecture Notes in Computer Science, 2018, , 3-10.	1.0	3
82	Analysis and Circuit Implementation of a Novel Memristor Based Hyper-chaotic System. Lecture Notes in Computer Science, 2018, , 364-371.	1.0	0
83	Multi-column Spatial Transformer Convolution Neural Network for Traffic Sign Recognition. Lecture Notes in Computer Science, 2018, , 593-600.	1.0	2
84	Random Fourier Filters Under Maximum Correntropy Criterion. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 3390-3403.	3.5	48
85	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
86	A Multi-Scroll Memristive Chaotic System via Fractal Process. , 2018, , .		1
87	Passivity and synchronization of coupled reaction–diffusion neural networks with multiple time-varying delays via impulsive control. Neurocomputing, 2018, 318, 30-42.	3.5	24
88	Memristor-based multi-scroll chaotic system and its pulse synchronization control. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 110502.	0.2	10
89	Julia fractal based multi-scroll memristive chaotic system. Wuli Xuebao/Acta Physica Sinica, 2018, 67, 090502.	0.2	8
90	Impulsive Effects and Stability Analysis on Memristive Neural Networks With Variable Delays. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 476-481.	7.2	49

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91	Exponential Stability of Complex-Valued Memristive Recurrent Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 766-771.	7.2	141
92	Exponential stability analysis of delayed memristor-based recurrent neural networks with impulse effects. Neural Computing and Applications, 2017, 28, 669-678.	3.2	16
93	Multiple memristor series–parallel connections with use in synaptic circuit design. IET Circuits, Devices and Systems, 2017, 11, 123-134.	0.9	19
94	Quantized kernel maximum correntropy and its mean square convergence analysis. , 2017, 63, 164-176.		42
95	A Modified Variational Bayesian Noise Adaptive Kalman Filter. Circuits, Systems, and Signal Processing, 2017, 36, 4260-4277.	1.2	26
96	Kernel Recursive Least Squares With Multiple Feedback and Its Convergence Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1237-1241.	2.2	14
97	Route searching based on neural networks and heuristic reinforcement learning. Cognitive Neurodynamics, 2017, 11, 245-258.	2.3	6
98	A multi–wing butterfly chaotic system and its implementation. International Journal of Circuit Theory and Applications, 2017, 45, 1873-1884.	1.3	14
99	Energy consumption analysis for the read and write mode of the memristor with voltage threshold in the real-time control system. Neurocomputing, 2017, 266, 477-484.	3.5	2
100	The nonlinear meminductor models with its study on the device parameters variation. , 2017, , .		2
101	Fusion of Image Storage and Operation Based on Ag-Chalcogenide Memristor with Synaptic Plasticity. Journal of Circuits, Systems and Computers, 2017, 26, 1750161.	1.0	5
102	Boron-doped diamond nanowires for CO gas sensing application. Sensors and Actuators B: Chemical, 2017, 241, 383-389.	4.0	19
103	A novel memristive Hopfield neural network with application in associative memory. Neurocomputing, 2017, 227, 142-148.	3.5	126
104	Memristive pulse coupled neural network with applications in medical image processing. Neurocomputing, 2017, 227, 149-157.	3.5	51
105	A novel PID neural network controller based on memristor. , 2017, , .		2
106	A memristor-based time-delay chaotic systems and pseudo-random sequence generator. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 030502.	0.2	11
107	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
108	A Novel Semi-Supervised Electronic Nose Learning Technique: M-Training. Sensors, 2016, 16, 370.	2.1	5

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109	Enhancing Electronic Nose Performance Based on a Novel QPSO-KELM Model. Sensors, 2016, 16, 520.	2.1	22
110	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
111	A Novel Semi-Supervised Method of Electronic Nose for Indoor Pollution Detection Trained by M-S4VMs. Sensors, 2016, 16, 1462.	2.1	4
112	Hybrid feature matrix construction and feature selection optimization-based multi-objective QPSO for electronic nose in wound infection detection. Sensor Review, 2016, 36, 23-33.	1.0	26
113	An ultra-low power CMOS subthreshold voltage reference without requiring resistors or BJTs. , 2016, , .		2
114	A class of improved least sum of exponentials algorithms. Signal Processing, 2016, 128, 340-349.	2.1	23
115	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
116	Novel Existence and Stability Criteria of Periodic Solutions for Impulsive Delayed Neural Networks Via Coefficient Integral Averages. Neurocomputing, 2016, 216, 587-595.	3.5	3
117	A memristive chaotic system with heart-shaped attractors and its implementation. Chaos, Solitons and Fractals, 2016, 92, 20-29.	2.5	36
118	Simplified quantised kernel least mean square algorithm with fixed budget. Electronics Letters, 2016, 52, 1453-1455.	0.5	3
119	A flexible humidity sensor based on KC–MWCNTs composites. Applied Surface Science, 2016, 387, 149-154.	3.1	41
120	Novel Stability Criteria for Impulsive Memristive Neural Networks with Time-Varying Delays. Circuits, Systems, and Signal Processing, 2016, 35, 3935-3956.	1.2	17
121	Stability criterion of linear delayed impulsive differential systems with impulse time windows. International Journal of Control, Automation and Systems, 2016, 14, 174-180.	1.6	12
122	Globally exponential stability of delayed impulsive functional differential systems with impulse time windows. Nonlinear Dynamics, 2016, 84, 1655-1665.	2.7	26
123	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
124	Pavlov associative memory in a memristive neural network and its circuit implementation. Neurocomputing, 2016, 171, 23-29.	3.5	71
125	Small-world Hopfield neural networks with weight salience priority and memristor synapses for digit recognition. Neural Computing and Applications, 2016, 27, 837-844.	3.2	50
126	A memristor-based chaotic system and its field programmable gate array implementation. Wuli Xuebao/Acta Physica Sinica, 2016, 65, 120503.	0.2	42

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127	A Novel Feature Extraction Approach Using Window Function Capturing and QPSO-SVM for Enhancing Electronic Nose Performance. Sensors, 2015, 15, 15198-15217.	2.1	21
128	Electronic Nose Feature Extraction Methods: A Review. Sensors, 2015, 15, 27804-27831.	2.1	207
129	Uniform stability of nonautonomous impulsive differential systems with time delay. , 2015, , .		0
130	Memristor-based neural network PID controller for buck converter. , 2015, , .		5
131	A threshold adaptive memristor model analysis with application in image storage. , 2015, , .		1
132	Stability of impulsive delayed linear differential systems with delayed impulses. Journal of the Franklin Institute, 2015, 352, 3044-3068.	1.9	26
133	A spintronic memristor bridge synapse circuit and the application in memrisitive cellular automata. Neurocomputing, 2015, 167, 346-351.	3.5	26
134	A novel memristive electronic synapse-based Hermite chaotic neural network with application in cryptography. Neurocomputing, 2015, 166, 487-495.	3.5	35
135	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
136	An improved WOx memristor model with synapse characteristic analysis. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 148501.	0.2	11
137	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
138	Research of coupling behavior based on series-parallel flux-controlled memristor. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 237303.	0.2	6
139	Influence of length parameter on the characteristics of nanoscale titanium oxide memristor. Wuli Xuebao/Acta Physica Sinica, 2015, 64, 108502.	0.2	0
140	A Novel Four-Dimensional Memristive Hyperchaotic System with Its Analog Circuit Implementation. Lecture Notes in Computer Science, 2015, , 157-165.	1.0	1
141	A Novel Memristive Multilayer Feedforward Small-World Neural Network with Its Applications in PID Control. Scientific World Journal, The, 2014, 2014, 1-12.	0.8	13
142	Analog memristive memory with applications in audio signal processing. Science China Information Sciences, 2014, 57, 1-15.	2.7	28
143	Hybrid memristor/RTD structure-based cellular neural networks with applications in image processing. Neural Computing and Applications, 2014, 25, 291-296.	3.2	31
144	A Memristor-Based Scroll Chaotic System â€" Design, Analysis and Circuit Implementation. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2014, 24, 1450099.	0.7	49

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145	Memristor-based chaotic neural networks for associative memory. Neural Computing and Applications, 2014, 25, 1437-1445.	3.2	26
146	基于STDP 规则的忆阻神经元模型突触权值调节方案设计. Scientia Sinica Informationis, 2014, 44, 920-930.		3
147	Two types of nanoscale nonlinear memristor models and their series-parallel circuits. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 128502.	0.2	9
148	Memristive Radial Basis Function Neural Network for Parameters Adjustment of PID Controller. Lecture Notes in Computer Science, 2014, , 150-158.	1.0	0
149	Memristive Perceptron for Combinational Logic Classification. Mathematical Problems in Engineering, 2013, 2013, 1-7.	0.6	3
150	PID Controller Based on Memristive CMAC Network. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.3	15
151	Resonant Tunneling Diodes-Based Cellular Nonlinear Networks with Fault Tolerance Analysis. Mathematical Problems in Engineering, 2013, 2013, 1-8.	0.6	2
152	Memristive Chebyshev Neural Network and Its Applications in Function Approximation. Mathematical Problems in Engineering, 2013, 2013, 1-7.	0.6	6
153	A Chaotic Attractor in Delayed Memristive System. Abstract and Applied Analysis, 2012, 2012, 1-8.	0.3	6
154	A Novel Chaotic Neural Network Using Memristive Synapse with Applications in Associative Memory. Abstract and Applied Analysis, 2012, 2012, 1-19.	0.3	14
155	Memristive crossbar array with applications in image processing. Science China Information Sciences, 2012, 55, 461-472.	2.7	56
156	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
157	Memristor-based RRAM with applications. Science China Information Sciences, 2012, 55, 1446-1460.	2.7	53
158	Memristive Device Based Filter and Integration Circuits with Applications. Advanced Science Letters, 2012, 8, 194-199.	0.2	4
159	忆阻器全忆阻桥突触电路特性分析及其权值调节方案设计. Scientia Sinica Informationis, 2012, 42, 754-769.	0.2	3
160	RTDs Based Cellular Neural/Nonlinear Networks with Applications in Image Processing. Advanced Materials Research, 2011, 403-408, 2289-2292.	0.3	0
161	Memristive Multilevel Memory with Applications in Audio Signal Storage. Lecture Notes in Computer Science, 2011, , 228-235.	1.0	6
162	忆阻器件应用于模拟电路设计方案. Scientia Sinica Informationis, 2011, 41, 500-512.	0.2	6

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163	Stability of a generalized Putnam equation. Applied Mathematics Letters, 2009, 22, 565-568.	1.5	6
164	A novel delayed chaotic neural model and its circuitry implementation. Computers and Mathematics With Applications, 2009, 57, 1736-1742.	1.4	13
165	Circuitry Implementation for a Simple Delayed Chaotic Neural Model with PWL Function. , 2008, , .		0
166	Adaptive Synchronization between Two Delayed Chaotic Systems Based on Parameter Identification. , 2008, , .		0
167	Generation and Circuitry Implementation of an N-Double Scroll Delayed Chaotic Neuron. , 2008, , .		1
168	Chaos Synchronization between Coupled Hyperchaotic Systems and Its Circuitry Implementation. , 2008, , .		0
169	Circuitry Analog and Synchronization of Hyperchaotic Neuron Model. Lecture Notes in Computer Science, 2008, , 580-587.	1.0	0
170	Associative Memory and Successive Learning in Chaotic Neural Network. , 2007, , .		0
171	Analysis of Fault Tolerance of Cellular Neural Networks and Applications to Image Processing. , 2007, , .		1
172	Generation of multi-scroll delayed chaotic oscillator. Electronics Letters, 2006, 42, 1439.	0.5	29
173	Adaptive Chaotic Controlling Method of a Chaotic Neural Network Model. Lecture Notes in Computer Science, 2005, , 363-368.	1.0	0
174	Associative Chaotic Neural Network via Exponential Decay Spatio-temporal Effect. Lecture Notes in Computer Science, 2005, , 491-496.	1.0	0
175	A Novel Chaotic Neural Network for Automatic Material Ratio System. Lecture Notes in Computer Science, 2004, , 813-819.	1.0	2
176	A novel chaotic neural network for many-to-many associations and successive learning. , 2003, , .		2
177	The Exponential Property of Solutions Bounded from Below to Degenerate Equations in Unbounded Domains. Acta Mathematica Scientia, 0, , 1.	0.5	1
178	A Spintronic Memristor Based PID Controller. , 0, , .		0
179	Reconfigurable nonvolatile boolean logic with one-transistor-two-memristor for in-memory computing. Semiconductor Science and Technology, 0, , .	1.0	1
180	Transient Response and Firing Behaviors of Memristive Neuron Circuit. Frontiers in Neuroscience, 0, 16, .	1.4	1