

Long Jin

List of Publications by Year in descending order

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155
papers

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citations

66343

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160
all docs

160
docs citations

160
times ranked

1563
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulability Optimization of Redundant Manipulators Using Dynamic Neural Networks. IEEE Transactions on Industrial Electronics, 2017, 64, 4710-4720.	7.9	286
2	Kinematic Control of Redundant Manipulators Using Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2243-2254.	11.3	238
3	Robot manipulator control using neural networks: A survey. Neurocomputing, 2018, 285, 23-34.	5.9	228
4	Design and Analysis of FTZNN Applied to the Real-Time Solution of a Nonstationary Lyapunov Equation and Tracking Control of a Wheeled Mobile Manipulator. IEEE Transactions on Industrial Informatics, 2018, 14, 98-105.	11.3	209
5	Integration-Enhanced Zhang Neural Network for Real-Time-Varying Matrix Inversion in the Presence of Various Kinds of Noises. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 2615-2627.	11.3	198
6	Modified ZNN for Time-Varying Quadratic Programming With Inherent Tolerance to Noises and Its Application to Kinematic Redundancy Resolution of Robot Manipulators. IEEE Transactions on Industrial Electronics, 2016, 63, 6978-6988.	7.9	194
7	Distributed Task Allocation of Multiple Robots: A Control Perspective. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 693-701.	9.3	181
8	RNN Models for Dynamic Matrix Inversion: A Control-Theoretical Perspective. IEEE Transactions on Industrial Informatics, 2018, 14, 189-199.	11.3	173
9	Noise-Tolerant ZNN Models for Solving Time-Varying Zero-Finding Problems: A Control-Theoretic Approach. IEEE Transactions on Automatic Control, 2017, 62, 992-997.	5.7	166
10	Neural Dynamics for Cooperative Control of Redundant Robot Manipulators. IEEE Transactions on Industrial Informatics, 2018, 14, 3812-3821.	11.3	151
11	Zeroing neural networks: A survey. Neurocomputing, 2017, 267, 597-604.	5.9	150
12	Cooperative Motion Generation in a Distributed Network of Redundant Robot Manipulators With Noises. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 1715-1724.	9.3	138
13	A Noise-Suppressing Neural Algorithm for Solving the Time-Varying System of Linear Equations: A Control-Based Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 236-246.	11.3	129
14	RNN for Solving Perturbed Time-Varying Underdetermined Linear System With Double Bound Limits on Residual Errors and State Variables. IEEE Transactions on Industrial Informatics, 2019, 15, 5931-5942.	11.3	127
15	Discrete-Time Zhang Neural Network for Online Time-Varying Nonlinear Optimization With Application to Manipulator Motion Generation. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1525-1531.	11.3	125
16	RNN for Solving Time-Variant Generalized Sylvester Equation With Applications to Robots and Acoustic Source Localization. IEEE Transactions on Industrial Informatics, 2020, 16, 6359-6369.	11.3	118
17	G2-Type SRMPC Scheme for Synchronous Manipulation of Two Redundant Robot Arms. IEEE Transactions on Cybernetics, 2015, 45, 153-164.	9.5	115
18	Taylor $\mathcal{O}(h^3)$ Discretization of ZNN Models for Dynamic Equality-Constrained Quadratic Programming With Application to Manipulators. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 225-237.	11.3	112

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19	Dynamic task allocation in multi-robot coordination for moving target tracking: A distributed approach. <i>Automatica</i> , 2019, 100, 75-81.	5.0	107
20	Taylor-type 1-step-ahead numerical differentiation rule for first-order derivative approximation and ZNN discretization. <i>Journal of Computational and Applied Mathematics</i> , 2015, 273, 29-40.	2.0	104
21	Continuous and discrete Zhang dynamics for real-time varying nonlinear optimization. <i>Numerical Algorithms</i> , 2016, 73, 115-140.	1.9	104
22	Discrete-time Zhang neural network of $O(\bar{i},3)$ pattern for time-varying matrix pseudoinversion with application to manipulator motion generation. <i>Neurocomputing</i> , 2014, 142, 165-173.	5.9	102
23	On Generalized RMP Scheme for Redundant Robot Manipulators Aided With Dynamic Neural Networks and Nonconvex Bound Constraints. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 5172-5181.	11.3	99
24	A Varying-Parameter Convergent-Differential Neural Network for Solving Joint-Angular-Drift Problems of Redundant Robot Manipulators. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 679-689.	5.8	96
25	Activated Gradients for Deep Neural Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 2156-2168.	11.3	94
26	Symmetric Nonnegative Matrix Factorization-Based Community Detection Models and Their Convergence Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 1203-1215.	11.3	83
27	New Noise-Tolerant Neural Algorithms for Future Dynamic Nonlinear Optimization With Estimation on Hessian Matrix Inversion. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 2611-2623.	9.3	80
28	Nonconvex function activated zeroing neural network models for dynamic quadratic programming subject to equality and inequality constraints. <i>Neurocomputing</i> , 2017, 267, 107-113.	5.9	78
29	Complex-Valued Discrete-Time Neural Dynamics for Perturbed Time-Dependent Complex Quadratic Programming With Applications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 3555-3569.	11.3	72
30	Convolutional Neural Network Based on Complex Networks for Brain Tumor Image Classification With a Modified Activation Function. <i>IEEE Access</i> , 2020, 8, 89281-89290.	4.2	72
31	A Data-Driven Cyclic-Motion Generation Scheme for Kinematic Control of Redundant Manipulators. <i>IEEE Transactions on Control Systems Technology</i> , 2021, 29, 53-63.	5.2	69
32	RNN for Repetitive Motion Generation of Redundant Robot Manipulators: An Orthogonal Projection-Based Scheme. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 615-628.	11.3	64
33	RNN for Perturbed Manipulability Optimization of Manipulators Based on a Distributed Scheme: A Game-Theoretic Perspective. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 5116-5126.	11.3	63
34	Gradient-Based Differential Neural-Solution to Time-Dependent Nonlinear Optimization. <i>IEEE Transactions on Automatic Control</i> , 2023, 68, 620-627.	5.7	61
35	Enhanced discrete-time Zhang neural network for time-variant matrix inversion in the presence of bias noises. <i>Neurocomputing</i> , 2016, 207, 220-230.	5.9	60
36	Nonconvex projection activated zeroing neurodynamic models for time-varying matrix pseudoinversion with accelerated finite-time convergence. <i>Applied Soft Computing Journal</i> , 2018, 62, 840-850.	7.2	59

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37	A Strictly Predefined-Time Convergent Neural Solution to Equality- and Inequality-Constrained Time-Variant Quadratic Programming. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4028-4039.	9.3	56
38	Neural network-based discrete-time Z-type model of high accuracy in noisy environments for solving dynamic system of linear equations. Neural Computing and Applications, 2018, 29, 1217-1232.	5.6	53
39	Nonlinear gradient neural network for solving system of linear equations. Information Processing Letters, 2019, 142, 35-40.	0.6	52
40	Co-Design of Finite-Time Convergence and Noise Suppression: A Unified Neural Model for Time Varying Linear Equations With Robotic Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5233-5243.	9.3	49
41	Discrete Computational Neural Dynamics Models for Solving Time-Dependent Sylvester Equation With Applications to Robotics and MIMO Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 6231-6241.	11.3	48
42	New Zeroing Neural Network Models for Solving Nonstationary Sylvester Equation With Verifications on Mobile Manipulators. IEEE Transactions on Industrial Informatics, 2019, 15, 5011-5022.	11.3	45
43	Tracking control of modified Lorenz nonlinear system using ZG neural dynamics with additive input or mixed inputs. Neurocomputing, 2016, 196, 82-94.	5.9	43
44	Novel Discrete-Time Recurrent Neural Networks Handling Discrete-Form Time-Variant Multi-Augmented Sylvester Matrix Problems and Manipulator Application. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 587-599.	11.3	42
45	Dynamic neural networks aided distributed cooperative control of manipulators capable of different performance indices. Neurocomputing, 2018, 291, 50-58.	5.9	41
46	A survey on projection neural networks and their applications. Applied Soft Computing Journal, 2019, 76, 533-544.	7.2	40
47	Noise-suppressing zeroing neural network for online solving time-varying nonlinear optimization problem: a control-based approach. Neural Computing and Applications, 2020, 32, 11505-11520.	5.6	40
48	Modified gradient neural networks for solving the time-varying Sylvester equation with adaptive coefficients and elimination of matrix inversion. Neurocomputing, 2020, 379, 1-11.	5.9	39
49	Saturation-Allowed Neural Dynamics Applied to Perturbed Time-Dependent System of Linear Equations and Robots. IEEE Transactions on Industrial Electronics, 2021, 68, 9844-9854.	7.9	39
50	Noise-suppressing zeroing neural network for online solving time-varying matrix square roots problems: A control-theoretic approach. Expert Systems With Applications, 2022, 192, 116272.	7.6	38
51	Novel Joint-Drift-Free Scheme at Acceleration Level for Robotic Redundancy Resolution with Tracking Error Theoretically Eliminated. IEEE/ASME Transactions on Mechatronics, 2020, , 1-11.	5.8	37
52	Different modified zeroing neural dynamics with inherent tolerance to noises for time-varying reciprocal problems: A control-theoretic approach. Neurocomputing, 2019, 337, 165-179.	5.9	36
53	Perturbed Manipulability Optimization in a Distributed Network of Redundant Robots. IEEE Transactions on Industrial Electronics, 2021, 68, 7209-7220.	7.9	35
54	Simultaneous learning and control of parallel Stewart platforms with unknown parameters. Neurocomputing, 2017, 266, 114-122.	5.9	33

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55	New Joint-Drift-Free Scheme Aided with Projected ZNN for Motion Generation of Redundant Robot Manipulators Perturbed by Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5639-5651.	9.3	33
56	A parallel computing method based on zeroing neural networks for time-varying complex-valued matrix Moore-Penrose inversion. Information Sciences, 2020, 524, 216-228.	6.9	33
57	A Noise-Enduring and Finite-Time Zeroing Neural Network for Equality-Constrained Time-Varying Nonlinear Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4729-4740.	9.3	31
58	Distributed Cooperative Kinematic Control of Multiple Robotic Manipulators With an Improved Communication Efficiency. IEEE/ASME Transactions on Mechatronics, 2022, 27, 149-158.	5.8	31
59	Neural Dynamics for Computing Perturbed Nonlinear Equations Applied to ACP-Based Lower Limb Motion Intention Recognition. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5105-5113.	9.3	31
60	Neural Dynamics for Distributed Collaborative Control of Manipulators With Time Delays. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 854-863.	13.1	30
61	Weight and Structure Determination Neural Network Aided With Double Pseudoinversion for Diagnosis of Flat Foot. IEEE Access, 2019, 7, 33001-33008.	4.2	28
62	Design and analysis of recurrent neural network models with non-linear activation functions for solving time-varying quadratic programming problems. CAAI Transactions on Intelligence Technology, 2021, 6, 394-404.	8.1	25
63	Proposing, developing and verification of a novel discrete-time zeroing neural network for solving future augmented Sylvester matrix equation. Journal of the Franklin Institute, 2020, 357, 3636-3655.	3.4	24
64	Five-step discrete-time noise-tolerant zeroing neural network model for time-varying matrix inversion with application to manipulator motion generation. Engineering Applications of Artificial Intelligence, 2021, 103, 104306.	8.1	24
65	Discrete-time zeroing neural network of $\mathbf{O}^T \mathbf{I}^{-1} \mathbf{O}$ for online solving time-varying nonlinear optimization problem: Application to manipulator motion generation. Journal of the Franklin Institute, 2021, 358, 7203-7220.	11.3	24
66	Data-Driven Motion-Force Control Scheme for Redundant Manipulators: A Kinematic Perspective. IEEE Transactions on Industrial Informatics, 2022, 18, 5338-5347.	11.3	24
67	On Modified Multi-Output Chebyshev-Polynomial Feed-Forward Neural Network for Pattern Classification of Wine Regions. IEEE Access, 2019, 7, 1973-1980.	4.2	23
68	An Acceleration-Level Data-Driven Repetitive Motion Planning Scheme for Kinematic Control of Robots With Unknown Structure. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5679-5691.	9.3	23
69	Convergence and robustness of bounded recurrent neural networks for solving dynamic Lyapunov equations. Information Sciences, 2022, 588, 106-123.	6.9	23
70	Two neural dynamics approaches for computing system of time-varying nonlinear equations. Neurocomputing, 2020, 394, 84-94.	5.9	22
71	Superior performance of using hyperbolic sine activation functions in ZNN illustrated via time-varying matrix square roots finding. Computer Science and Information Systems, 2012, 9, 1603-1625.	1.0	22
72	Modified Newton Integration Neural Algorithm for Dynamic Complex-Valued Matrix Pseudoinversion Applied to Mobile Object Localization. IEEE Transactions on Industrial Informatics, 2021, 17, 2432-2442.	11.3	21

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73	Recurrent Neural Dynamics Models for Perturbed Nonstationary Quadratic Programs: A Control-Theoretical Perspective. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1216-1227.	11.3	21
74	Noise-Suppressing Neural Dynamics for Time-Dependent Constrained Nonlinear Optimization With Applications. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6139-6150.	9.3	21
75	RNN for Receding Horizon Control of Redundant Robot Manipulators. IEEE Transactions on Industrial Electronics, 2022, 69, 1608-1619.	7.9	20
76	A novel adaptive iterative learning control approach and human-in-the-loop control pattern for lower limb rehabilitation robot in disturbances environment. Autonomous Robots, 2021, 45, 595-610.	4.8	19
77	Reformative Noise-Immune Neural Network for Equality-Constrained Optimization Applied to Image Target Detection. IEEE Transactions on Emerging Topics in Computing, 2021, , 1-1.	4.6	18
78	Robust k -WTA Network Generation, Analysis, and Applications to Multiagent Coordination. IEEE Transactions on Cybernetics, 2022, 52, 8515-8527.	9.5	18
79	GD-aided IOL (input-output linearisation) controller for handling affine-form nonlinear system with loose condition on relative degree. International Journal of Control, 2016, 89, 757-769.	1.9	17
80	Different-Level Simultaneous Minimization Scheme for Fault Tolerance of Redundant Manipulator Aided with Discrete-Time Recurrent Neural Network. Frontiers in Neurorobotics, 2017, 11, 50.	2.8	17
81	A noise-suppressing Newton-Raphson iteration algorithm for solving the time-varying Lyapunov equation and robotic tracking problems. Information Sciences, 2021, 550, 239-251.	6.9	17
82	A novel method based on long short term memory network and discrete-time zeroing neural algorithm for upper-limb continuous estimation using sEMG signals. Biomedical Signal Processing and Control, 2021, 67, 102416.	5.7	17
83	Different ZFs Leading to Various ZNN Models Illustrated via Online Solution of Time-Varying Underdetermined Systems of Linear Equations with Robotic Application. Lecture Notes in Computer Science, 2013, , 481-488.	1.3	17
84	Distributed Competition of Multi-Robot Coordination Under Variable and Switching Topologies. IEEE Transactions on Automation Science and Engineering, 2022, 19, 3575-3586.	5.2	17
85	ZG controllers for output tracking of nonlinear mass-spring-damper mechanical system with division-by-zero problem solved. , 2013, , .		16
86	An improved DV-Hop algorithm for wireless sensor networks based on neural dynamics. Neurocomputing, 2022, 491, 172-185.	5.9	16
87	Challenging simulation practice (failure and success) on implicit tracking control of double-integrator system via Zhang-gradient method. Mathematics and Computers in Simulation, 2016, 120, 104-119.	4.4	15
88	A Velocity-Level Bi-Criteria Optimization Scheme for Coordinated Path Tracking of Dual Robot Manipulators Using Recurrent Neural Network. Frontiers in Neurorobotics, 2017, 11, 47.	2.8	15
89	Modified Weights-and-Structure-Determination Neural Network for Pattern Classification of Flatfoot. IEEE Access, 2019, 7, 63146-63154.	4.2	15
90	Noise-tolerant neural algorithm for online solving time-varying full-rank matrix Moore-Penrose inverse problems: A control-theoretic approach. Neurocomputing, 2020, 413, 158-172.	5.9	14

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91	Two DTZNN Models of $O(i, ⁴)$ Pattern for Online Solving Dynamic System of Linear Equations: Application to Manipulator Motion Generation. IEEE Access, 2020, 8, 36624-36638.	4.2	13
92	Modified single-output Chebyshev-polynomial feedforward neural network aided with subset method for classification of breast cancer. Neurocomputing, 2019, 350, 128-135.	5.9	12
93	Large-scale underwater fish recognition via deep adversarial learning. Knowledge and Information Systems, 2022, 64, 353-379.	3.2	12
94	Noise-tolerant Z-type neural dynamics for online solving time-varying inverse square root problems: A control-based approach. Neurocomputing, 2020, 382, 233-248.	5.9	10
95	Modified Newton Integration Algorithm With Noise Tolerance Applied to Robotics. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2134-2144.	9.3	10
96	From WASD to BLS with application to pattern classification. Applied Soft Computing Journal, 2021, 108, 107455.	7.2	10
97	Growing Echo State Network With an Inverse-Free Weight Update Strategy. IEEE Transactions on Cybernetics, 2023, 53, 753-764.	9.5	10
98	Growing-type WASD for power-activation neuronet to model and forecast monthly time series. , 2013, , .		9
99	A Novel Estimation Approach of sEMG-based Joint Movements via RBF Neural Network. , 2019, , .		9
100	Multi-robot competitive tracking based on k-WTA neural network with one single neuron. Neurocomputing, 2021, 460, 1-8.	5.9	9
101	A Simultaneous Learning and Control Scheme for Redundant Manipulators With Physical Constraints on Decision Variable and Its Derivative. IEEE Transactions on Industrial Electronics, 2022, 69, 10301-10310.	7.9	9
102	Controller design of nonlinear system for fully trackable and partially trackable paths by combining ZD and GD. , 2013, , .		8
103	Neural Dynamics for Control of Industrial Agitator Tank With Rapid Convergence and Perturbations Rejection. IEEE Access, 2019, 7, 102941-102950.	4.2	8
104	Diversity Analysis for Spatial Scattering Modulation in Millimeter Wave MIMO System. , 2019, , .		8
105	Momentum-Incorporated Symmetric Non-Negative Latent Factor Models. IEEE Transactions on Big Data, 2022, 8, 1096-1106.	6.1	8
106	Adaptive Zeroing-Gradient Controller for Ship Course Tracking With Near Singularity Considered and Zero Theoretical Tracking Error. IEEE Access, 2019, 7, 38205-38212.	4.2	7
107	Noise-tolerant neural algorithm for online solving Yang-Baxter-type matrix equation in the presence of noises: A control-based method. Neurocomputing, 2021, 424, 84-96.	5.9	7
108	Modeling and Analysis of Matthew Effect Under Switching Social Networks via Distributed Competition. IEEE/CAA Journal of Automatica Sinica, 2022, 9, 1311-1314.	13.1	7

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109	RNN-Based Quadratic Programming Scheme for Tennis-Training Robots With Flexible Capabilities. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 838-847.	9.3	7
110	Intelligent Controllers for Multirobot Competitive and Dynamic Tracking. Complexity, 2018, 2018, 1-12.	1.6	6
111	Modified Newton integration algorithm with noise suppression for online dynamic nonlinear optimization. Numerical Algorithms, 2021, 87, 575-599.	1.9	6
112	On the Performance of 3-D Spatial Modulation Over Measured Indoor Channels. IEEE Transactions on Vehicular Technology, 2022, 71, 2110-2115.	6.3	6
113	A Gradient-Based Recurrent Neural Network for Visual Servoing of Robot Manipulators with Acceleration Command. Complexity, 2020, 2020, 1-11.	1.6	6
114	ROFC-LF: Recursive Online Fountain Code With Limited Feedback for Underwater Acoustic Networks. IEEE Transactions on Communications, 2022, 70, 4327-4342.	7.8	6
115	Twice-Pruning Aided WASD Neuronet of Bernoulli-Polynomial Type with Extension to Robust Classification. , 2013, , .		5
116	Nonlinearity Activated Noise-Tolerant Zeroing Neural Network for Real-Time Varying Matrix Inversion. , 2018, , .		5
117	Accelerated convergent zeroing neurodynamics models for solving multi-linear systems with M -tensors. Neurocomputing, 2021, 458, 271-283.	5.9	5
118	An advanced form-finding of tensegrity structures aided with noise-tolerant zeroing neural network. Neural Computing and Applications, 2022, 34, 6053-6066.	5.6	5
119	Kinematics-Based Motion-Force Control for Redundant Manipulators With Quaternion Control. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1815-1828.	5.2	5
120	Discrete-time noise-tolerant Z-type model for online solving nonlinear time-varying equations in the presence of noises. Journal of Computational and Applied Mathematics, 2022, 403, 113824.	2.0	4
121	Recurrent Neural Network for State Adjustment of Redundant Manipulators. IEEE Access, 2020, 8, 109783-109790.	4.2	3
122	Form-finding of Tensegrity Structures Utilizing a Nonlinear Fletcher-Reeves Conjugate Gradient Method. , 2021, , .		3
123	Three nonlinearly-activated discrete-Time ZNN models for time-varying matrix inversion. , 2012, , .		2
124	Discrete-time ZNN algorithms for time-varying linear matrix-vector inequality solving. , 2012, , .		2
125	Broker-based Cross-Cloud Federation Manager. , 2013, , .		2
126	Nonlinearly-activated noise-tolerant zeroing neural network for distributed motion planning of multiple robot arms. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
127	Further Investigations on Noise-Tolerant Zeroing Neural Network for Time-Varying Quadratic Programming with Robotic Applications. , 2017, , .		2
128	Nonlinear Functions Activated Noise-Tolerant Zeroing Neural Network for Solving Time-Varying System of Linear Equations. , 2018, , .		2
129	The Design and Physical Implementation of Seeding Robots in Deserts. , 2020, , .		2
130	Brain Tumor Image Classification by Randomly Wired Neural Networks with a Modified Method. , 2020, , .		2
131	Noise-rejection zeroing dynamics for control of industrial agitator tank. Nonlinear Dynamics, 2021, 103, 2581-2603.	5.2	2
132	Modeling and Analysis of Competitive Behavior in Social Systems. IEEE Transactions on Computational Social Systems, 2023, 10, 1347-1355.	4.4	2
133	A New Type of Neural Network for Assisting Diagnosis of Flatfoot in Juveniles. , 2019, , .		1
134	Triple Generalized-Inverse Neural Network for Diagnosis of Flat Foot. , 2019, , .		1
135	Zeroing-Type Recurrent Neural Network for Solving Time-Dependent Lyapunov Equation with Noise Rejection. , 2019, , .		1
136	Noise-tolerant gradient-oriented neurodynamic model for solving the Sylvester equation. Applied Soft Computing Journal, 2021, 109, 107514.	7.2	1
137	On Position and Attitude Control of Flapping Wing Micro-aerial Vehicle. Lecture Notes in Computer Science, 2020, , 207-216.	1.3	1
138	Recurrent Neural Network for Kinematic Control of Redundant Robot Manipulators. , 2020, , .		1
139	A Generalized Complex-Valued Constrained Energy Minimization Scheme for the Arctic Sea Ice Extraction Aided With Neural Algorithm. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	1
140	Forecasting of Chinese Hydropower Generation Using WASD-Neuronet. International Journal of Robotics and Control, 2018, 1, 48.	0.5	0
141	On RNN Models for Solving Dynamic System of Linear Equations. , 2019, , .		0
142	A Controller of Liquid Material on Fast Saturated Zeroing Dynamics Model in Industrial Agitator Tank. , 2019, , .		0
143	New Integration-Enhanced Newton Algorithm for Real-Time Tracking Control of Robot Manipulators. , 2019, , .		0
144	Discriminative feature learning for underwater fish recognition. Journal of Electronic Imaging, 2021, 30, .	0.9	0

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145	An attempt of applying the Lagrange-type 1-step-ahead numerical differentiation method to optimize the SGD algorithm in deep learning. , 2021, , .		0
146	Design and Implementation of A Novel Quadruped Robot. , 2021, , .		0
147	Competition Aided with Continuous-Time Nonlinear Model. SpringerBriefs in Applied Sciences and Technology, 2018, , 13-23.	0.4	0
148	Distributed Competition in Dynamic Networks. SpringerBriefs in Applied Sciences and Technology, 2018, , 81-102.	0.4	0
149	Competition-Based Distributed Coordination Control of Robots. SpringerBriefs in Applied Sciences and Technology, 2018, , 103-121.	0.4	0
150	Competition Based on Selective Positive-Negative Feedback. SpringerBriefs in Applied Sciences and Technology, 2018, , 57-79.	0.4	0
151	Competition Aided with Discrete-Time Dynamic Feedback. SpringerBriefs in Applied Sciences and Technology, 2018, , 1-12.	0.4	0
152	Competition Aided with Finite-Time Neural Network. SpringerBriefs in Applied Sciences and Technology, 2018, , 25-55.	0.4	0
153	Variable Step-Size Newton-Raphson Iterative Algorithm for Solving Multi-linear Systems with M -tensors. , 2020, , .		0
154	A Recommender Algorithm: Gradient Recurrent Neural Network Applied to Yang-Baxter-Like Equation. , 2020, , .		0
155	Power-sum Activated Neural Dynamics for Lower Limb Motion Intention Recognition. , 2020, , .		0