

Junfei Qiao

List of Publications by Year in descending order

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247
papers

6,946
citations

46636

47
h-index

75178

75
g-index

255
all docs

255
docs citations

255
times ranked

6627
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning a No-Reference Quality Assessment Model of Enhanced Images With Big Data. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1301-1313.	12.6	340
2	Association of Endometrial Cancer Risk With Postmenopausal Bleeding in Women. JAMA Internal Medicine, 2018, 178, 1210.	5.1	254
3	No-Reference Quality Assessment of Screen Content Pictures. IEEE Transactions on Image Processing, 2017, 26, 4005-4018.	10.2	215
4	An efficient self-organizing RBF neural network for water quality prediction. Neural Networks, 2011, 24, 717-725.	6.4	205
5	Self-Learning Optimal Regulation for Discrete-Time Nonlinear Systems Under Event-Driven Formulation. IEEE Transactions on Automatic Control, 2020, 65, 1272-1279.	6.0	160
6	Deep Dual-Channel Neural Network for Image-Based Smoke Detection. IEEE Transactions on Multimedia, 2020, 22, 311-323.	7.9	154
7	Growing Echo-State Network With Multiple Subreservoirs. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 391-404.	12.6	151
8	Data-Driven Iterative Adaptive Critic Control Toward an Urban Wastewater Treatment Plant. IEEE Transactions on Industrial Electronics, 2021, 68, 7362-7369.	8.2	149
9	Staged endovascular repair of thoracoabdominal aortic aneurysms limits incidence and severity of spinal cord ischemia. Journal of Vascular Surgery, 2015, 61, 347-354.e1.	1.1	143
10	Nonlinear Model-Predictive Control for Industrial Processes: An Application to Wastewater Treatment Process. IEEE Transactions on Industrial Electronics, 2014, 61, 1970-1982.	8.2	139
11	Recurrent Air Quality Predictor Based on Meteorology- and Pollution-Related Factors. IEEE Transactions on Industrial Informatics, 2018, 14, 3946-3955.	12.1	120
12	Deterministic Learning-Based Adaptive Neural Control for Nonlinear Full-State Constrained Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5002-5011.	12.6	108
13	An Adaptive-PSO-Based Self-Organizing RBF Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 104-117.	12.6	107
14	Highly Efficient Picture-Based Prediction of PM2.5 Concentration. IEEE Transactions on Industrial Electronics, 2019, 66, 3176-3184.	8.2	104
15	TL-GDBN: Growing Deep Belief Network With Transfer Learning. IEEE Transactions on Automation Science and Engineering, 2019, 16, 874-885.	5.7	104
16	Screening Strategies for Tuberculosis Prevalence Surveys: The Value of Chest Radiography and Symptoms. PLoS ONE, 2012, 7, e38691.	2.5	103
17	Adaptive Fuzzy Fast Finite-Time Dynamic Surface Tracking Control for Nonlinear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 4337-4348.	5.8	97
18	An Approximate Neuro-Optimal Solution of Discounted Guaranteed Cost Control Design. IEEE Transactions on Cybernetics, 2022, 52, 77-86.	10.1	92

#	ARTICLE	IF	CITATIONS
19	Ensemble Meta-Learning for Few-Shot Soot Density Recognition. IEEE Transactions on Industrial Informatics, 2021, 17, 2261-2270.	12.1	89
20	An Adaptive Multiobjective Particle Swarm Optimization Based on Multiple Adaptive Methods. IEEE Transactions on Cybernetics, 2017, 47, 2754-2767.	10.1	86
21	Artificial neural networks for water quality soft-sensing in wastewater treatment: a review. Artificial Intelligence Review, 2022, 55, 565-587.	16.1	85
22	Identification and modeling of nonlinear dynamical systems using a novel self-organizing RBF-based approach. Automatica, 2012, 48, 1729-1734.	5.2	83
23	Nonlinear Systems Modeling Based on Self-Organizing Fuzzy-Neural-Network With Adaptive Computation Algorithm. IEEE Transactions on Cybernetics, 2014, 44, 554-564.	10.1	83
24	Nonlinear System Modeling Using RBF Networks for Industrial Application. IEEE Transactions on Industrial Informatics, 2018, 14, 931-940.	12.1	77
25	Data-Driven Multiobjective Predictive Control for Wastewater Treatment Process. IEEE Transactions on Industrial Informatics, 2020, 16, 2767-2775.	12.1	77
26	Stacked Selective Ensemble for PM _{2.5} Forecast. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 660-671.	4.7	76
27	Real-Time Model Predictive Control Using a Self-Organizing Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1425-1436.	12.6	74
28	PM _{2.5} Monitoring: Use Information Abundance Measurement and Wide and Deep Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4278-4290.	12.6	74
29	Adaptive Gradient Multiobjective Particle Swarm Optimization. IEEE Transactions on Cybernetics, 2018, 48, 3067-3079.	10.1	72
30	Dynamic multi-objective optimization control for wastewater treatment process. Neural Computing and Applications, 2018, 29, 1261-1271.	5.7	72
31	An adaptive deep Q-learning strategy for handwritten digit recognition. Neural Networks, 2018, 107, 61-71.	6.4	67
32	Deep Learning-Based Model Predictive Control for Continuous Stirred-Tank Reactor System. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3643-3652.	12.6	67
33	A multi-objective particle swarm optimization algorithm based on two-archive mechanism. Applied Soft Computing Journal, 2022, 119, 108532.	7.4	66
34	A structure optimisation algorithm for feedforward neural network construction. Neurocomputing, 2013, 99, 347-357.	6.2	63
35	Adaptive Neural Fixed-Time Tracking Control for High-Order Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 708-717.	12.6	63
36	Multiobjective design of fuzzy neural network controller for wastewater treatment process. Applied Soft Computing Journal, 2018, 67, 467-478.	7.4	62

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37	A deep belief network with PLSR for nonlinear system modeling. <i>Neural Networks</i> , 2018, 104, 68-79.	6.4	62
38	Self-Organizing RBF Neural Network Using an Adaptive Gradient Multiobjective Particle Swarm Optimization. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 69-82.	10.1	62
39	Multiscale Natural Scene Statistical Analysis for No-Reference Quality Evaluation of DIBR-Synthesized Views. <i>IEEE Transactions on Broadcasting</i> , 2020, 66, 127-139.	3.7	62
40	A self-organizing cascade neural network with random weights for nonlinear system modeling. <i>Applied Soft Computing Journal</i> , 2016, 42, 184-193.	7.4	61
41	A sparse deep belief network with efficient fuzzy learning framework. <i>Neural Networks</i> , 2020, 121, 430-440.	6.4	56
42	Dual Event-Triggered Constrained Control Through Adaptive Critic for Discrete-Time Zero-Sum Games. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 1584-1595.	9.7	56
43	Modeling of nonlinear systems using the self-organizing fuzzy neural network with adaptive gradient algorithm. <i>Neurocomputing</i> , 2017, 266, 566-578.	6.2	53
44	A self-organizing deep belief network for nonlinear system modeling. <i>Applied Soft Computing Journal</i> , 2018, 65, 170-183.	7.4	53
45	Cooperative Fuzzy-Neural Control for Wastewater Treatment Process. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5971-5981.	12.1	53
46	PI boundary control of linear hyperbolic balance laws with stabilization of ARZ traffic flow models. <i>Systems and Control Letters</i> , 2019, 123, 85-91.	2.3	48
47	An Adaptive Deep Belief Network With Sparse Restricted Boltzmann Machines. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 4217-4228.	12.6	48
48	The Physical Properties of the Swimbladder in Intact Cypriniformes. <i>Journal of Experimental Biology</i> , 1959, 36, 315-332.	1.7	48
49	A self-organizing interval Type-2 fuzzy-neural-network for modeling nonlinear systems. <i>Neurocomputing</i> , 2018, 290, 196-207.	6.2	47
50	A Self-Organizing Sliding-Mode Controller for Wastewater Treatment Processes. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 1480-1491.	5.4	47
51	Constructive algorithm for fully connected cascade feedforward neural networks. <i>Neurocomputing</i> , 2016, 182, 154-164.	6.2	46
52	Expression of <i>dmrt1</i> and <i>sox9</i> during gonadal development in the Siberian sturgeon (<i>Acipenser baerii</i>). <i>Fish Physiology and Biochemistry</i> , 2013, 39, 91-94.	2.3	45
53	A soft computing method to predict sludge volume index based on a recurrent self-organizing neural network. <i>Applied Soft Computing Journal</i> , 2016, 38, 477-486.	7.4	45
54	An adaptive growing and pruning algorithm for designing recurrent neural network. <i>Neurocomputing</i> , 2017, 242, 51-62.	6.2	44

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55	Policy Gradient Adaptive Critic Design With Dynamic Prioritized Experience Replay for Wastewater Treatment Process Control. IEEE Transactions on Industrial Informatics, 2022, 18, 3150-3158.	12.1	44
56	Design of polynomial echo state networks for time series prediction. Neurocomputing, 2018, 290, 148-160.	6.2	42
57	An incremental neuronal-activity-based RBF neural network for nonlinear system modeling. Neurocomputing, 2018, 302, 1-11.	6.2	42
58	Multiobjective optimal control for wastewater treatment process using adaptive MOEA/D. Applied Intelligence, 2019, 49, 1098-1126.	5.6	42
59	A REPAIR ALGORITHM FOR RADIAL BASIS FUNCTION NEURAL NETWORK AND ITS APPLICATION TO CHEMICAL OXYGEN DEMAND MODELING. International Journal of Neural Systems, 2010, 20, 63-74.	6.0	38
60	A decomposition-based multiobjective evolutionary algorithm with angle-based adaptive penalty. Applied Soft Computing Journal, 2019, 74, 190-205.	7.4	36
61	Data-Knowledge-Based Fuzzy Neural Network for Nonlinear System Identification. IEEE Transactions on Fuzzy Systems, 2020, 28, 2209-2221.	10.5	35
62	Intelligent optimal tracking with asymmetric constraints of a nonlinear wastewater treatment system. International Journal of Robust and Nonlinear Control, 2021, 31, 6773-6787.	3.8	35
63	Mutual information based weight initialization method for sigmoidal feedforward neural networks. Neurocomputing, 2016, 207, 676-683.	6.2	34
64	An Efficient Second-Order Algorithm for Self-Organizing Fuzzy Neural Networks. IEEE Transactions on Cybernetics, 2019, 49, 14-26.	10.1	34
65	System Stability of Learning-Based Linear Optimal Control With General Discounted Value Iteration. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6504-6514.	12.6	34
66	Research on an online self-organizing radial basis function neural network. Neural Computing and Applications, 2010, 19, 667-676.	5.7	33
67	Modeling of energy consumption and effluent quality using density peaks-based adaptive fuzzy neural network. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 968-976.	13.9	33
68	Dynamical regularized echo state network for time series prediction. Neural Computing and Applications, 2019, 31, 6781-6794.	5.7	33
69	Online sequential echo state network with sparse RLS algorithm for time series prediction. Neural Networks, 2019, 118, 32-42.	6.4	32
70	An adaptive hybrid evolutionary immune multi-objective algorithm based on uniform distribution selection. Information Sciences, 2020, 512, 446-470.	7.2	32
71	Soft-sensing of Wastewater Treatment Process via Deep Belief Network with Event-triggered Learning. Neurocomputing, 2021, 436, 103-113.	6.2	32
72	Soft Computing of Biochemical Oxygen Demand Using an Improved Tâ€™S Fuzzy Neural Network. Chinese Journal of Chemical Engineering, 2014, 22, 1254-1259.	3.5	30

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73	NOx Emissions Prediction With a Brain-Inspired Modular Neural Network in Municipal Solid Waste Incineration Processes. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 4622-4631.	12.1	30
74	Adaptive Critic for Event-Triggered Unknown Nonlinear Optimal Tracking Design With Wastewater Treatment Applications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 6276-6288.	12.6	30
75	Adaptive lasso echo state network based on modified Bayesian information criterion for nonlinear system modeling. <i>Neural Computing and Applications</i> , 2019, 31, 6163-6177.	5.7	28
76	An Efficient Self-Organizing Deep Fuzzy Neural Network for Nonlinear System Modeling. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2170-2182.	10.5	27
77	Stability Analysis for a Class of Discrete-Time Switched Systems With Partial Unstable Subsystems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019, 66, 2017-2021.	3.2	26
78	Self-organizing fuzzy control for dissolved oxygen concentration using fuzzy neural network1. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 30, 3411-3422.	1.6	24
79	Self-organization of a recurrent RBF neural network using an information-oriented algorithm. <i>Neurocomputing</i> , 2017, 225, 80-91.	6.2	24
80	Observer-Based Adaptive Fuzzy Control for Nonlinear State-Constrained Systems Without Involving Feasibility Conditions. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 11724-11733.	10.1	24
81	An improved algorithm for building self-organizing feedforward neural networks. <i>Neurocomputing</i> , 2017, 262, 28-40.	6.2	23
82	A novel decomposition-based multiobjective evolutionary algorithm using improved multiple adaptive dynamic selection strategies. <i>Information Sciences</i> , 2021, 556, 472-494.	7.2	23
83	Dynamic Transfer Reference Point-Oriented MOEA/D Involving Local Objective-Space Knowledge. <i>IEEE Transactions on Evolutionary Computation</i> , 2022, 26, 542-554.	11.4	23
84	An intelligent detecting system for permeability prediction of MBR. <i>Water Science and Technology</i> , 2018, 77, 467-478.	2.5	22
85	Prediction of sludge bulking using the knowledge-leverage-based fuzzy neural network. <i>Water Science and Technology</i> , 2018, 77, 617-627.	2.5	22
86	An online self-organizing modular neural network for nonlinear system modeling. <i>Applied Soft Computing Journal</i> , 2020, 97, 106777.	7.4	22
87	A self-organizing RBF neural network based on distance concentration immune algorithm. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020, 7, 276-291.	13.9	22
88	Resilient Output Synchronization of Heterogeneous Multiagent Systems With DoS Attacks Under Distributed Event-/Self-Triggered Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 1169-1178.	12.6	22
89	Adaptive optimal control for a wastewater treatment plant based on a data-driven method. <i>Water Science and Technology</i> , 2013, 67, 2314-2320.	2.5	21
90	Nonlinear system modeling and application based on restricted Boltzmann machine and improved BP neural network. <i>Applied Intelligence</i> , 2021, 51, 37-50.	5.6	21

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91	Learning a Unified Blind Image Quality Metric via On-Line and Off-Line Big Training Instances. IEEE Transactions on Big Data, 2020, 6, 780-791.	6.4	20
92	Adaptive Critic Control Design With Knowledge Transfer for Wastewater Treatment Applications. IEEE Transactions on Industrial Informatics, 2024, 20, 1488-1497.	12.1	19
93	Identification of fuzzy neural networks by forward recursive input-output clustering and accurate similarity analysis. Applied Soft Computing Journal, 2016, 49, 524-543.	7.4	18
94	Multi-Variable Direct Self-Organizing Fuzzy Neural Network Control for Wastewater Treatment Process. Asian Journal of Control, 2020, 22, 716-728.	2.9	18
95	Event-Driven Model Predictive Control With Deep Learning for Wastewater Treatment Process. IEEE Transactions on Industrial Informatics, 2023, 19, 6398-6407.	12.1	18
96	Evolving and Incremental Value Iteration Schemes for Nonlinear Discrete-Time Zero-Sum Games. IEEE Transactions on Cybernetics, 2023, 53, 4487-4499.	10.1	18
97	â€˜Power in Mobilityâ€™: parent and therapist perspectives of the experiences of children learning to use powered mobility. Developmental Medicine and Child Neurology, 2018, 60, 1012-1017.	2.7	17
98	A pruning feedforward small-world neural network based on Katz centrality for nonlinear system modeling. Neural Networks, 2020, 130, 269-285.	6.4	17
99	A self-organizing recurrent fuzzy neural network based on multivariate time series analysis. Neural Computing and Applications, 2021, 33, 5089-5109.	5.7	17
100	Rendezvous of Heterogeneous Multiagent Systems With Nonuniform Time-Varying Information Delays: An Adaptive Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4848-4857.	9.7	16
101	Fixed-Time Cooperative Relay Tracking in Multiagent Surveillance Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 487-496.	9.7	16
102	Prediction of Oxygen Content Using Weighted PCA and Improved LSTM Network in MSWI Process. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	16
103	A pseudo-inverse decomposition-based self-organizing modular echo state network for time series prediction. Applied Soft Computing Journal, 2022, 116, 108317.	7.4	16
104	Robust echo state network with sparse online learning. Information Sciences, 2022, 594, 95-117.	7.2	16
105	Decoupling control for wastewater treatment process based on recurrent fuzzy neural network. Asian Journal of Control, 2019, 21, 1270-1280.	2.9	15
106	A metric-based meta-learning approach combined attention mechanism and ensemble learning for few-shot learning. Displays, 2021, 70, 102065.	3.8	15
107	Asymmetric Constrained Optimal Tracking Control With Critic Learning of Nonlinear Multiplayer Zero-Sum Games. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 5671-5683.	12.6	15
108	MIMO modeling and multi-loop control based on neural network for municipal solid waste incineration. Control Engineering Practice, 2022, 127, 105280.	5.7	14

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109	Security Control of Sampled-Data T-S Fuzzy Systems Subject to Cyberattacks and Successive Packet Losses. IEEE Transactions on Fuzzy Systems, 2023, 31, 1178-1188.	10.5	14
110	Soft Measurement Modeling Based on Chaos Theory for Biochemical Oxygen Demand (BOD). Water (Switzerland), 2016, 8, 581.	2.8	13
111	Identification and simplification of T-S fuzzy neural networks based on incremental structure learning and similarity analysis. Fuzzy Sets and Systems, 2020, 394, 65-86.	3.0	13
112	Adaptive critic optimization to decentralized event-triggered control of continuous-time nonlinear interconnected systems. Optimal Control Applications and Methods, 2022, 43, 198-212.	2.2	13
113	The optimal design and application of LSTM neural network based on the hybrid coding PSO algorithm. Journal of Supercomputing, 2022, 78, 7227-7259.	3.7	13
114	Stability and Admissibility Analysis for Zero-Sum Games Under General Value Iteration Formulation. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8707-8718.	12.6	13
115	Self-Organizing Interval Type-2 Fuzzy Neural Network Using Information Aggregation Method. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 6428-6442.	12.6	12
116	Adaptive NN Controller of Nonlinear State-Dependent Constrained Systems With Unknown Control Direction. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 913-922.	12.6	12
117	Fault-Tolerant Stochastic Sampled-Data Fuzzy Control for Nonlinear Delayed Parabolic PDE Systems. IEEE Transactions on Fuzzy Systems, 2023, 31, 2679-2693.	10.5	12
118	Secure Consensus of Multiagent Systems With Input Saturation and Distributed Multiple DoS Attacks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2246-2250.	3.2	11
119	Multi-objective model predictive control with gradient eigenvector algorithm. Information Sciences, 2022, 601, 114-128.	7.2	11
120	Robust Optimal Control for Wastewater Treatment Process With Uncertain Time Delays. IEEE Transactions on Industrial Informatics, 2023, 19, 5785-5796.	12.1	11
121	Secure Consensus of Multiagent Systems With DoS Attacks via Fully Distributed Dynamic Event-Triggered Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 6588-6597.	9.7	11
122	An online self-organizing algorithm for feedforward neural network. Neural Computing and Applications, 2020, 32, 17505-17518.	5.7	10
123	Online and Self-Learning Approach to the Identification of Fuzzy Neural Networks. IEEE Transactions on Fuzzy Systems, 2022, 30, 649-662.	10.5	10
124	Discounted near-optimal regulation of constrained nonlinear systems via generalized value iteration. International Journal of Robust and Nonlinear Control, 2021, 31, 8481-8503.	3.8	10
125	Data-Driven Multimodel Predictive Control for Multirate Sampled-Data Nonlinear Systems. IEEE Transactions on Automation Science and Engineering, 2023, 20, 2182-2194.	5.7	10
126	Event-triggered constrained neural critic control of nonlinear continuous-time multiplayer nonzero-sum games. Information Sciences, 2023, 631, 412-428.	7.2	10

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127	Adaptive critic design for nonlinear multi-player zero-sum games with unknown dynamics and control constraints. <i>Nonlinear Dynamics</i> , 2023, 111, 11671-11683.	5.3	10
128	Design of modeling error PDF based fuzzy neural network for effluent ammonia nitrogen prediction. <i>Applied Soft Computing Journal</i> , 2020, 91, 106239.	7.4	9
129	Design of sparse Bayesian echo state network for time series prediction. <i>Neural Computing and Applications</i> , 2021, 33, 7089-7102.	5.7	9
130	A self-organizing deep belief network based on information relevance strategy. <i>Neurocomputing</i> , 2020, 396, 241-253.	6.2	8
131	Prediction of MSWI furnace temperature based on TS fuzzy neural network. , 2020, , .		8
132	Air Pollution Prediction in Mass Rallies With a New Temporally-Weighted Sample-Based Multitask Learner. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-15.	4.7	8
133	An online adjusting RBF neural network for nonlinear system modeling. <i>Applied Intelligence</i> , 2023, 53, 440-453.	5.6	8
134	Online Value Iteration for Intelligent Discounted Tracking Design of Constrained Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 3829-3833.	3.2	8
135	Adaptive candidate estimation-assisted multi-objective particle swarm optimization. <i>Science China Technological Sciences</i> , 2022, 65, 1685-1699.	4.0	8
136	Design of a modular neural network based on an improved soft subspace clustering algorithm. <i>Expert Systems With Applications</i> , 2022, 209, 118219.	7.9	8
137	Online-Growing Neural Network Control for Dissolved Oxygen Concentration. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 6794-6803.	12.1	8
138	A prediction model of contrast-associated acute kidney injury in patients with hypoalbuminemia undergoing coronary angiography. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 399.	1.7	7
139	Site-specific Selective Bending of Actuators using Radio Frequency Heating. <i>Advanced Engineering Materials</i> , 2021, 23, 2000873.	3.5	7
140	Consensus of MASs With Input and Communication Delays by Predictor-Based Protocol. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 7126-7135.	10.1	7
141	Dynamic Fuzzy Boundary Output Feedback Control for Nonlinear Delayed Parabolic Partial Differential Equation Systems Under Noncollocated Boundary Measurement. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 2006-2017.	10.5	7
142	Data-Driven Optimal Control for Municipal Solid Waste Incineration Process. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 11444-11454.	12.1	7
143	Data-Driven Robust Adaptive Control With Deep Learning for Wastewater Treatment Process. <i>IEEE Transactions on Industrial Informatics</i> , 2024, 20, 149-157.	12.1	7
144	$\langle \text{mml:math} \text{ xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{ altimg="si11.svg"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{\alpha} \tilde{z} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ fuzzy intermittent boundary control for nonlinear parabolic distributed parameter systems. <i>Journal of the Franklin Institute</i> , 2023, 360, 8008-8036.	3.7	7

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145	Dissolved oxygen control system based on the T-S fuzzy neural network. , 2015, , .		6
146	Wastewater treatment control method based on a rule adaptive recurrent fuzzy neural network. International Journal of Intelligent Computing and Cybernetics, 2017, 10, 94-110.	2.7	6
147	How Deep Is Deep Enough for Deep Belief Network for Approximating Model Predictive Control Law. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2067-2078.	5.7	6
148	Boundary Observer Design for Stochastic Phase Transition Models of Nonequilibrium Traffic Flow. IEEE Transactions on Automatic Control, 2021, 66, 4828-4835.	6.0	6
149	Emotional Neural Network Based on Improved CLPSO Algorithm For Time Series Prediction. Neural Processing Letters, 2022, 54, 1131-1154.	3.3	6
150	Effluent ammonia nitrogen prediction using a phase space reconstruction method combining pipelined recurrent wavelet neural network. Applied Soft Computing Journal, 2022, 120, 108602.	7.4	6
151	Knowledge-Aided and Data-Driven Fuzzy Decision Making for Sludge Bulking. IEEE Transactions on Fuzzy Systems, 2023, 31, 1189-1201.	10.5	6
152	A self-organizing fuzzy neural network with hybrid learning algorithm for nonlinear system modeling. Information Sciences, 2023, 642, 119145.	7.2	6
153	Direct adaptive neural network control for wastewater treatment process. , 2014, , .		5
154	Periodic decentralized event-triggered control for nonlinear systems with asynchronous update and dynamic quantization. Nonlinear Dynamics, 2022, 109, 877-890.	5.3	5
155	Self-Organizing Multichannel Deep Learning System for River Turbidity Monitoring. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	4.7	5
156	Off-Policy Model-Free Learning for Multi-Player Non-Zero-Sum Games With Constrained Inputs. IEEE Transactions on Circuits and Systems I: Regular Papers, 2023, 70, 910-920.	5.8	5
157	Event-Triggered Adaptive Model Predictive Control of Oxygen Content for Municipal Solid Waste Incineration Process. IEEE Transactions on Automation Science and Engineering, 2024, 21, 463-474.	5.7	5
158	Online Measurement of Dioxin Emission in Solid Waste Incineration Using Fuzzy Broad Learning. IEEE Transactions on Industrial Informatics, 2024, 20, 358-368.	12.1	5
159	A self-organizing modular neural network based on empirical mode decomposition with sliding window for time series prediction. Applied Soft Computing Journal, 2023, 145, 110559.	7.4	5
160	A Modular Neural Networks ensembling method based on fuzzy decision-making. , 2011, , .		4
161	Active Vision for Deep Visual Learning: A Unified Pooling Framework. IEEE Transactions on Industrial Informatics, 2022, 18, 6610-6618.	12.1	4
162	External validation of a pediatric decision rule for blunt abdominal trauma. Journal of the American College of Emergency Physicians Open, 2022, 3, e12623.	0.8	4

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163	Design of Broad Learning-Based Self-Healing Predictive Control for Sludge Bulking in Wastewater Treatment Process. IEEE Transactions on Industrial Informatics, 2023, 19, 6220-6233.	12.1	4
164	Tree Broad Learning System for Small Data Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 8909-8923.	12.6	4
165	Takagi-Sugeno Fuzzy Regression Trees With Application to Complex Industrial Modeling. IEEE Transactions on Fuzzy Systems, 2023, 31, 2210-2224.	10.5	4
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