

# Jun-fei Qiao

## List of PR Articles by Year in descending order

Source: [//exaly.com/author-pdf/3212963/publications.pdf](https://exaly.com/author-pdf/3212963/publications.pdf)

Version: 2025-02-01

187

PR articles

6,381

PR citations

46143

42

PR h-index

53643

76

g-index

202

documents

7666

doc citations

44141

46

h-index

4983

citing authors

#	ARTICLE	IF	PR CITATIONS
1	A Fast Feedforward Small-World Neural Network for Nonlinear System Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2025, 36, 6041-6053.	9.6	2
2	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.	9.6	25
3	Adaptive Neural Fixed-Time Tracking Control for High-Order Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 708-717.	9.6	100
4	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.	9.6	45
5	Tree Broad Learning System for Small Data Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 8909-8923.	9.6	17
6	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.	6.2	31
7	Nonsingular Gradient Descent Algorithm for Interval Type-2 Fuzzy Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 8176-8189.	9.6	5
8	Advanced Optimal Tracking Control With Stability Guarantee via Novel Value Learning Formulation. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 8254-8265.	9.6	6
9	Multi-Objective Integrated Robust Optimal Control for Wastewater Treatment Processes. IEEE Transactions on Automation Science and Engineering, 2024, 21, 1380-1391.	6.2	16
10	Interval Type-2 Fuzzy Neural Network Based on Active Semi-Supervised Learning for Non-Stationary Industrial Processes. IEEE Transactions on Automation Science and Engineering, 2024, 21, 1151-1162.	6.2	21
11	Convergence and Stability of Optimal Regulation via Generalized $N$ -Step Value Gradient Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 10923-10934.	9.6	2
12	Data-Driven Robust Adaptive Control With Deep Learning for Wastewater Treatment Process. IEEE Transactions on Industrial Informatics, 2024, 20, 149-157.	9.5	33
13	Online Measurement of Dioxin Emission in Solid Waste Incineration Using Fuzzy Broad Learning. IEEE Transactions on Industrial Informatics, 2024, 20, 358-368.	9.5	19
14	Cooperative Event-Triggered Fuzzy-Neural Multivariable Control With Multitask Learning for Municipal Solid Waste Incineration Process. IEEE Transactions on Industrial Informatics, 2024, 20, 765-774.	9.5	19
15	Double-Closed-Loop Robust Optimal Control for Uncertain Nonlinear Systems. IEEE Transactions on Cybernetics, 2024, 54, 2332-2344.	10.1	10
16	Robust Self-Constructing Fuzzy Neural Network-Based Online Estimation for Industrial Product Quality. IEEE Transactions on Industrial Informatics, 2024, 20, 2213-2222.	9.5	5
17	Adaptive Critic Control Design With Knowledge Transfer for Wastewater Treatment Applications. IEEE Transactions on Industrial Informatics, 2024, 20, 1488-1497.	9.5	46
18	Offline Data-Driven Adaptive Critic Design With Variational Inference for Wastewater Treatment Process Control. IEEE Transactions on Automation Science and Engineering, 2024, 21, 4987-4998.	6.2	11

#	ARTICLE	IF	PR CITATIONS
19	Event-Triggered Online Learning Fuzzy-Neural Robust Control for Furnace Temperature in Municipal Solid Waste Incineration Process. IEEE Transactions on Automation Science and Engineering, 2024, 21, 1201-1213.	6.2	15
20	Self-Organizing Fuzzy Terminal Sliding Mode Control for Wastewater Treatment Processes. IEEE Transactions on Automation Science and Engineering, 2024, 21, 5421-5433.	6.2	17
21	Adaptive Critic Tracking Design for Data-Based Nonaffine Predictive Control. IEEE Transactions on Automation Science and Engineering, 2024, 21, 5534-5545.	6.2	7
22	Multi-condition operational optimization with adaptive knowledge transfer for municipal solid waste incineration process. Expert Systems With Applications, 2024, 238, 121783.	7.5	16
23	NOx emissions prediction for MSWI process based on dynamic modular neural network. Expert Systems With Applications, 2024, 238, 122015.	7.5	9
24	Self-Organizing Robust Fuzzy Neural Network for Nonlinear System Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2024, , 1-13.	9.6	9
25	Robust Type-2 Fuzzy Neural Control for Wastewater Treatment Process With External Disturbances. IEEE Transactions on Automation Science and Engineering, 2024, 21, 7230-7241.	6.2	8
26	Action-Dependent Heuristic Dynamic Programming With Experience Replay for Wastewater Treatment Processes. IEEE Transactions on Industrial Informatics, 2024, 20, 6257-6265.	9.5	17
27	Multi-task stochastic configuration network with autonomous linking and its application in wastewater treatment processes. Information Sciences, 2024, 662, 120195.	6.5	7
28	Dynamic System Modeling Using a Multisource Transfer Learning-Based Modular Neural Network for Industrial Application. IEEE Transactions on Industrial Informatics, 2024, 20, 7173-7182.	9.5	7
29	Hybrid Simulator-Based Mechanism and Data-Driven for Multidemand Dioxin Emissions Intelligent Prediction in the MSWI Process. IEEE Transactions on Industrial Electronics, 2024, 71, 13221-13231.	6.5	9
30	Reinforcement learning control with n-step information for wastewater treatment systems. Engineering Applications of Artificial Intelligence, 2024, 133, 108033.	7.8	6
31	Data-Driven Robust Multimodal Multiobjective Particle Swarm Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2024, 54, 3231-3243.	7.3	8
32	Mechanism-Data-Driven Multiobjective Optimization for Wastewater Treatment Process. IEEE Transactions on Industrial Informatics, 2024, 20, 7810-7819.	9.5	19
33	An adaptive evolutionary modular neural network with intermodule connections. Applied Intelligence, 2024, 54, 4121-4139.	2.9	2
34	Stabilizing value iteration Q-learning for online evolving control of discrete-time nonlinear systems. Nonlinear Dynamics, 2024, 112, 9137-9153.	5.1	5
35	Neurodynamics-Driven Prediction Model for State Evolution of Coastal Water Quality. IEEE Transactions on Instrumentation and Measurement, 2024, 73, 1-9.	3.8	6
36	Advanced optimal tracking integrating a neural critic technique for asymmetric constrained zero-sum games. Neural Networks, 2024, 177, 106388.	5.9	7

#	ARTICLE	IF	PR CITATIONS
37	Multifidelity surrogates-assisted multi-objective particle swarm algorithm for offline data-driven optimization. <i>Applied Intelligence</i> , 2024, 54, 11649-11671.	2.9	2
38	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.	9.6	48
39	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.	9.6	69
40	Self-Organizing Interval Type-2 Fuzzy Neural Network Using Information Aggregation Method. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 6428-6442.	9.6	35
41	Deterministic Learning-Based Adaptive Neural Control for Nonlinear Full-State Constrained Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 5002-5011.	9.6	123
42	System Stability of Learning-Based Linear Optimal Control With General Discounted Value Iteration. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 6504-6514.	9.6	63
43	Piecewise Sliding-Mode Control for Sludge Bulking Under Multiple Operating Conditions. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 2876-2885.	9.5	12
44	Stability and Admissibility Analysis for Zero-Sum Games Under General Value Iteration Formulation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 8707-8718.	9.6	49
45	Event-Driven Model Predictive Control With Deep Learning for Wastewater Treatment Process. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 6398-6407.	9.5	50
46	Robust Optimal Control for Wastewater Treatment Process With Uncertain Time Delays. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 5785-5796.	9.5	20
47	Evolving and Incremental Value Iteration Schemes for Nonlinear Discrete-Time Zero-Sum Games. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 4487-4499.	10.1	37
48	Consensus of MASs With Input and Communication Delays by Predictor-Based Protocol. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 7126-7135.	10.1	20
49	Design of Broad Learning-Based Self-Healing Predictive Control for Sludge Bulking in Wastewater Treatment Process. <i>IEEE Transactions on Industrial Informatics</i> , 2023, 19, 6220-6233.	9.5	18
50	Multiobjective Integrated Optimal Control for Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 7712-7722.	10.1	11
51	Knowledge-Aided and Data-Driven Fuzzy Decision Making for Sludge Bulking. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 1189-1201.	10.0	17
52	Security Control of Sampled-Data Tâ€™S Fuzzy Systems Subject to Cyberattacks and Successive Packet Losses. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 1178-1188.	10.0	37
53	Data-Driven Multimodel Predictive Control for Multirate Sampled-Data Nonlinear Systems. <i>IEEE Transactions on Automation Science and Engineering</i> , 2023, 20, 2182-2194.	6.2	37
54	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.	7.3	95

#	ARTICLE	IF	PR CITATIONS
55	Online-Growing Neural Network Control for Dissolved Oxygen Concentration. IEEE Transactions on Industrial Informatics, 2023, 19, 6794-6803.	9.5	22
56	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.	3.8	29
57	Self-Organizing Interval Type-2 Fuzzy Neural Network With Adaptive Discriminative Strategy. IEEE Transactions on Fuzzy Systems, 2023, 31, 1925-1939.	10.0	11
58	Dynamic Fuzzy Boundary Output Feedback Control for Nonlinear Delayed Parabolic Partial Differential Equation Systems Under Noncollocated Boundary Measurement. IEEE Transactions on Fuzzy Systems, 2023, 31, 2006-2017.	10.0	15
59	Takagi-Sugeno Fuzzy Regression Trees With Application to Complex Industrial Modeling. IEEE Transactions on Fuzzy Systems, 2023, 31, 2210-2224.	10.0	13
60	Self-organizing pipelined recurrent wavelet neural network for time series prediction. Expert Systems With Applications, 2023, 214, 119215.	7.5	6
61	Discounted Near-Optimal Control of Affine Systems via a Progressive Cost Evolution Formulation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2023, 70, 1535-1539.	2.3	4
62	A Multitask Learning Model for the Prediction of NOx Emissions in Municipal Solid Waste Incineration Processes. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-14.	3.8	7
63	Fault-Tolerant Stochastic Sampled-Data Fuzzy Control for Nonlinear Delayed Parabolic PDE Systems. IEEE Transactions on Fuzzy Systems, 2023, 31, 2679-2693.	10.0	34
64	Event-triggered constrained neural critic control of nonlinear continuous-time multiplayer nonzero-sum games. Information Sciences, 2023, 631, 412-428.	6.5	21
65	Dynamic modeling of multi-input and multi-output controlled object for municipal solid waste incineration process. Applied Energy, 2023, 339, 120982.	10.6	14
66	Adaptive critic design for nonlinear multi-player zero-sum games with unknown dynamics and control constraints. Nonlinear Dynamics, 2023, 111, 11671-11683.	5.1	29
67	A Comprehensively Improved Interval Type-2 Fuzzy Neural Network for NOx Emissions Prediction in MSWI Process. IEEE Transactions on Industrial Informatics, 2023, 19, 11286-11297.	9.5	17
68	Data-Driven Optimal Control for Municipal Solid Waste Incineration Process. IEEE Transactions on Industrial Informatics, 2023, 19, 11444-11454.	9.5	33
69	Iterative Learning Model Predictive Control With Fuzzy Neural Network for Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2023, 31, 3220-3234.	10.0	16
70	Multitask Particle Swarm Optimization With Dynamic Transformation. IEEE Transactions on Emerging Topics in Computing, 2023, 11, 749-763.	3.5	6
71	Traffic models of periodic event-triggered quantized control systems. Nonlinear Analysis: Hybrid Systems, 2023, 49, 101370.	3.6	2
72	Evolving Deep Delay Echo State Network for Effluent NH <sub>4</sub> -N Prediction in Wastewater Treatment Plants. IEEE Transactions on Instrumentation and Measurement, 2023, 72, 1-12.	3.8	12

#	ARTICLE	IF	PR CITATIONS
73	A self-organizing fuzzy neural network with hybrid learning algorithm for nonlinear system modeling. Information Sciences, 2023, 642, 119145.	6.5	13
74	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si11.svg"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{H} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{\alpha} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ fuzzy intermittent boundary control for nonlinear parabolic distributed parameter systems. Journal of the Franklin Institute, 2023, 360, 8008-8036.	3.4	16
75	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.	6.2	28
76	Time-series prediction using a regularized self-organizing long short-term memory neural network. Applied Soft Computing Journal, 2023, 145, 110553.	6.2	9
77	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.	7.3	55
78	Novel Discounted Optimal Tracking Design Under Offline and Online Formulations for Asymmetric Constrained Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 6886-6896.	7.3	6
79	Periodic Event-Triggered CACC and Communication Co-design for Vehicle Platooning. ACM Transactions on Cyber-Physical Systems, 2023, 7, 1-19.	2.0	3
80	Adaptive multi-objective competitive swarm optimization algorithm based on kinematic analysis for municipal solid waste incineration. Applied Soft Computing Journal, 2023, 149, 110925.	6.2	14
81	Successful start-up of a novel integrated denitrifying phosphorus removal and partial denitrification coupled with anammox process for simultaneous nitrogen and phosphorus removal with fully ordinary suspended sludge. Chemical Engineering Journal, 2023, 477, 147227.	12.0	14
82	A WSFA-based adaptive feature extraction method for multivariate time series prediction. Neural Computing and Applications, 2023, , .	4.0	1
83	An Approximate Neuro-Optimal Solution of Discounted Guaranteed Cost Control Design. IEEE Transactions on Cybernetics, 2022, 52, 77-86.	10.1	126
84	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.	6.2	11
85	NOx Emissions Prediction With a Brain-Inspired Modular Neural Network in Municipal Solid Waste Incineration Processes. IEEE Transactions on Industrial Informatics, 2022, 18, 4622-4631.	9.5	54
86	Online and Self-Learning Approach to the Identification of Fuzzy Neural Networks. IEEE Transactions on Fuzzy Systems, 2022, 30, 649-662.	10.0	17
87	An Efficient Self-Organizing Deep Fuzzy Neural Network for Nonlinear System Modeling. IEEE Transactions on Fuzzy Systems, 2022, 30, 2170-2182.	10.0	53
88	Observer-Based Adaptive Fuzzy Control for Nonlinear State-Constrained Systems Without Involving Feasibility Conditions. IEEE Transactions on Cybernetics, 2022, 52, 11724-11733.	10.1	39
89	Policy Gradient Adaptive Critic Design With Dynamic Prioritized Experience Replay for Wastewater Treatment Process Control. IEEE Transactions on Industrial Informatics, 2022, 18, 3150-3158.	9.5	90
90	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.	2.3	20

#	ARTICLE	IF	PR CITATIONS
91	Active Vision for Deep Visual Learning: A Unified Pooling Framework. IEEE Transactions on Industrial Informatics, 2022, 18, 6610-6618.	9.5	4
92	Dynamic Transfer Reference Point-Oriented MOEA/D Involving Local Objective-Space Knowledge. IEEE Transactions on Evolutionary Computation, 2022, 26, 542-554.	7.3	37
93	A multi-objective particle swarm optimization algorithm based on two-archive mechanism. Applied Soft Computing Journal, 2022, 119, 108532.	6.2	122
94	Air Pollution Prediction in Mass Rallies With a New Temporally-Weighted Sample-Based Multitask Learner. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-15.	3.8	19
95	A novel self-organizing TS fuzzy neural network for furnace temperature prediction in MSWI process. Neural Computing and Applications, 2022, , .	4.0	8
96	Effluent ammonia nitrogen prediction using a phase space reconstruction method combining pipelined recurrent wavelet neural network. Applied Soft Computing Journal, 2022, 120, 108602.	6.2	10
97	An online adjusting RBF neural network for nonlinear system modeling. Applied Intelligence, 2022, 53, 440-453.	2.9	19
98	Multi-objective model predictive control with gradient eigenvector algorithm. Information Sciences, 2022, 601, 114-128.	6.5	12
99	Periodic decentralized event-triggered control for nonlinear systems with asynchronous update and dynamic quantization. Nonlinear Dynamics, 2022, 109, 877-890.	5.1	7
100	Adaptive candidate estimation-assisted multi-objective particle swarm optimization. Science China Technological Sciences, 2022, 65, 1685-1699.	4.3	19
101	Design of a modular neural network based on an improved soft subspace clustering algorithm. Expert Systems With Applications, 2022, 209, 118219.	7.5	13
102	MIMO modeling and multi-loop control based on neural network for municipal solid waste incineration. Control Engineering Practice, 2022, 127, 105280.	4.4	34
103	Self-Organizing Multichannel Deep Learning System for River Turbidity Monitoring. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-13.	3.8	8
104	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.	7.3	22
105	Deep Learning-Based Model Predictive Control for Continuous Stirred-Tank Reactor System. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3643-3652.	9.6	118
106	Ensemble Meta-Learning for Few-Shot Soot Density Recognition. IEEE Transactions on Industrial Informatics, 2021, 17, 2261-2270.	9.5	103
107	Data-Driven Iterative Adaptive Critic Control Toward an Urban Wastewater Treatment Plant. IEEE Transactions on Industrial Electronics, 2021, 68, 7362-7369.	6.5	200
108	Fixed-Time Cooperative Relay Tracking in Multiagent Surveillance Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 487-496.	7.3	24

#	ARTICLE	IF	PR CITATIONS
109	A novel decomposition-based multiobjective evolutionary algorithm using improved multiple adaptive dynamic selection strategies. <i>Information Sciences</i> , 2021, 556, 472-494.	6.5	28
110	PM <sub>2.5</sub> Monitoring: Use Information Abundance Measurement and Wide and Deep Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 4278-4290.	9.6	84
111	Soft-sensing of Wastewater Treatment Process via Deep Belief Network with Event-triggered Learning. <i>Neurocomputing</i> , 2021, 436, 103-113.	5.9	49
112	Intelligent optimal tracking with asymmetric constraints of a nonlinear wastewater treatment system. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 6773-6787.	3.0	45
113	Discounted near-optimal regulation of constrained nonlinear systems via generalized value iteration. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 8481-8503.	3.0	10
114	A metric-based meta-learning approach combined attention mechanism and ensemble learning for few-shot learning. <i>Displays</i> , 2021, 70, 102065.	3.2	25
115	Cooperative Fuzzy-Neural Control for Wastewater Treatment Process. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5971-5981.	9.5	79
116	Adaptive Fuzzy Fast Finite-Time Dynamic Surface Tracking Control for Nonlinear Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 4337-4348.	3.8	141
117	Boundary Observer Design for Stochastic Phase Transition Models of Nonequilibrium Traffic Flow. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 4828-4835.	5.3	10
118	Prediction of Oxygen Content Using Weighted PCA and Improved LSTM Network in MSWI Process. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-12.	3.8	21
119	The optimal design and application of LSTM neural network based on the hybrid coding PSO algorithm. <i>Journal of Supercomputing</i> , 2021, 78, 7227-7259.	2.3	16
120	Emotional Neural Network Based on Improved CLPSO Algorithm For Time Series Prediction. <i>Neural Processing Letters</i> , 2021, 54, 1131-1154.	2.4	6
121	Multi-Variable Direct Self-Organizing Fuzzy Neural Network Control for Wastewater Treatment Process. <i>Asian Journal of Control</i> , 2020, 22, 716-728.	2.4	22
122	Multiscale Natural Scene Statistical Analysis for No-Reference Quality Evaluation of DIBR-Synthesized Views. <i>IEEE Transactions on Broadcasting</i> , 2020, 66, 127-139.	3.3	74
123	A self-organizing deep belief network based on information relevance strategy. <i>Neurocomputing</i> , 2020, 396, 241-253.	5.9	9
124	Learning a Unified Blind Image Quality Metric via On-Line and Off-Line Big Training Instances. <i>IEEE Transactions on Big Data</i> , 2020, 6, 780-791.	4.0	25
125	Stacked Selective Ensemble for PM <sub>2.5</sub> Forecast. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 660-671.	3.8	85
126	Identification and simplification of T-S fuzzy neural networks based on incremental structure learning and similarity analysis. <i>Fuzzy Sets and Systems</i> , 2020, 394, 65-86.	2.1	16

#	ARTICLE	IF	PR CITATIONS
127	A sparse deep belief network with efficient fuzzy learning framework. <i>Neural Networks</i> , 2020, 121, 430-440.	5.9	67
128	Self-Learning Optimal Regulation for Discrete-Time Nonlinear Systems Under Event-Driven Formulation. <i>IEEE Transactions on Automatic Control</i> , 2020, 65, 1272-1279.	5.3	192
129	Data-Knowledge-Based Fuzzy Neural Network for Nonlinear System Identification. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2209-2221.	10.0	44
130	An adaptive hybrid evolutionary immune multi-objective algorithm based on uniform distribution selection. <i>Information Sciences</i> , 2020, 512, 446-470.	6.5	36
131	Deep Dual-Channel Neural Network for Image-Based Smoke Detection. <i>IEEE Transactions on Multimedia</i> , 2020, 22, 311-323.	7.7	189
132	Data-Driven Multiobjective Predictive Control for Wastewater Treatment Process. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 2767-2775.	9.5	112
133	An Adaptive Deep Belief Network With Sparse Restricted Boltzmann Machines. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 4217-4228.	9.6	62
134	A pruning feedforward small-world neural network based on Katz centrality for nonlinear system modeling. <i>Neural Networks</i> , 2020, 130, 269-285.	5.9	25
135	Photo-Based Monitoring of Particulate Matter in the Campus: A New Strategy for Student Health. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 555, 012053.	0.4	0
136	An online self-organizing algorithm for feedforward neural network. <i>Neural Computing and Applications</i> , 2020, 32, 17505-17518.	4.0	15
137	Design of modeling error PDF based fuzzy neural network for effluent ammonia nitrogen prediction. <i>Applied Soft Computing Journal</i> , 2020, 91, 106239.	6.2	18
138	A self-organizing RBF neural network based on distance concentration immune algorithm. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2020, 7, 276-291.	8.9	27
139	Nonlinear system modeling and application based on restricted Boltzmann machine and improved BP neural network. <i>Applied Intelligence</i> , 2020, 51, 37-50.	2.9	28
140	A self-organizing recurrent fuzzy neural network based on multivariate time series analysis. <i>Neural Computing and Applications</i> , 2020, 33, 5089-5109.	4.0	23
141	A Self-Organizing Sliding-Mode Controller for Wastewater Treatment Processes. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 1480-1491.	3.6	64
142	Decoupling control for wastewater treatment process based on recurrent fuzzy neural network. <i>Asian Journal of Control</i> , 2019, 21, 1270-1280.	2.4	21
143	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.	2.3	30
144	Online sequential echo state network with sparse RLS algorithm for time series prediction. <i>Neural Networks</i> , 2019, 118, 32-42.	5.9	41

#	ARTICLE	IF	PR CITATIONS
145	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.	2.0	68
146	A decomposition-based multiobjective evolutionary algorithm with angle-based adaptive penalty. <i>Applied Soft Computing Journal</i> , 2019, 74, 190-205.	6.2	41
147	TL-GDBN: Growing Deep Belief Network With Transfer Learning. <i>IEEE Transactions on Automation Science and Engineering</i> , 2019, 16, 874-885.	6.2	122
148	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	72
149	An Efficient Second-Order Algorithm for Self-Organizing Fuzzy Neural Networks. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 14-26.	10.1	48
150	Design of polynomial echo state networks for time series prediction. <i>Neurocomputing</i> , 2018, 290, 148-160.	5.9	44
151	An adaptive deep Q-learning strategy for handwritten digit recognition. <i>Neural Networks</i> , 2018, 107, 61-71.	5.9	78
152	Multiobjective design of fuzzy neural network controller for wastewater treatment process. <i>Applied Soft Computing Journal</i> , 2018, 67, 467-478.	6.2	82
153	A self-organizing interval Type-2 fuzzy-neural-network for modeling nonlinear systems. <i>Neurocomputing</i> , 2018, 290, 196-207.	5.9	57
154	A self-organizing deep belief network for nonlinear system modeling. <i>Applied Soft Computing Journal</i> , 2018, 65, 170-183.	6.2	56
155	Adaptive Gradient Multiobjective Particle Swarm Optimization. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 3067-3079.	10.1	97
156	An incremental neuronal-activity-based RBF neural network for nonlinear system modeling. <i>Neurocomputing</i> , 2018, 302, 1-11.	5.9	45
157	An Adaptive-PSO-Based Self-Organizing RBF Neural Network. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 104-117.	9.6	130
158	Learning a No-Reference Quality Assessment Model of Enhanced Images With Big Data. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 1301-1313.	9.6	399
159	Nonlinear System Modeling Using RBF Networks for Industrial Application. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 931-940.	9.5	102
160	A deep belief network with PLSR for nonlinear system modeling. <i>Neural Networks</i> , 2018, 104, 68-79.	5.9	71
161	An intelligent detecting system for permeability prediction of MBR. <i>Water Science and Technology</i> , 2018, 77, 467-478.	2.7	25
162	Prediction of sludge bulking using the knowledge-leverage-based fuzzy neural network. <i>Water Science and Technology</i> , 2018, 77, 617-627.	2.7	26

#	ARTICLE	IF	PR CITATIONS
163	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.	8.9	45
164	Multiobjective optimal control for wastewater treatment process using adaptive MOEA/D. Applied Intelligence, 2018, 49, 1098-1126.	2.9	53
165	An adaptive growing and pruning algorithm for designing recurrent neural network. Neurocomputing, 2017, 242, 51-62.	5.9	46
166	An Adaptive Multiobjective Particle Swarm Optimization Based on Multiple Adaptive Methods. IEEE Transactions on Cybernetics, 2017, 47, 2754-2767.	10.1	102
167	Wastewater treatment control method based on a rule adaptive recurrent fuzzy neural network. International Journal of Intelligent Computing and Cybernetics, 2017, 10, 94-110.	1.8	8
168	Modeling of nonlinear systems using the self-organizing fuzzy neural network with adaptive gradient algorithm. Neurocomputing, 2017, 266, 566-578.	5.9	58
169	An improved algorithm for building self-organizing feedforward neural networks. Neurocomputing, 2017, 262, 28-40.	5.9	26
170	Self-organization of a recurrent RBF neural network using an information-oriented algorithm. Neurocomputing, 2017, 225, 80-91.	5.9	26
171	No-Reference Quality Assessment of Screen Content Pictures. IEEE Transactions on Image Processing, 2017, 26, 4005-4018.	9.6	229
172	Soft Measurement Modeling Based on Chaos Theory for Biochemical Oxygen Demand (BOD). Water (Switzerland), 2016, 8, 581.	2.8	19
173	Self-organizing fuzzy control for dissolved oxygen concentration using fuzzy neural network1. Journal of Intelligent and Fuzzy Systems, 2016, 30, 3411-3422.	1.0	28
174	Identification of fuzzy neural networks by forward recursive input-output clustering and accurate similarity analysis. Applied Soft Computing Journal, 2016, 49, 524-543.	6.2	18
175	Constructive algorithm for fully connected cascade feedforward neural networks. Neurocomputing, 2016, 182, 154-164.	5.9	49
176	A soft computing method to predict sludge volume index based on a recurrent self-organizing neural network. Applied Soft Computing Journal, 2016, 38, 477-486.	6.2	54
177	Soft Computing of Biochemical Oxygen Demand Using an Improved Tâ€™S Fuzzy Neural Network. Chinese Journal of Chemical Engineering, 2014, 22, 1254-1259.	3.6	32
178	Nonlinear Systems Modeling Based on Self-Organizing Fuzzy-Neural-Network With Adaptive Computation Algorithm. IEEE Transactions on Cybernetics, 2014, 44, 554-564.	10.1	92
179	An online self-adaptive modular neural network for time-varying systems. Neurocomputing, 2014, 125, 7-16.	5.9	45
180	A structure optimisation algorithm for feedforward neural network construction. Neurocomputing, 2013, 99, 347-357.	5.9	72

#	ARTICLE	IF	PR CITATIONS
181	Real-Time Model Predictive Control Using a Self-Organizing Neural Network. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1425-1436.	9.6	94
182	Adaptive optimal control for a wastewater treatment plant based on a data-driven method. Water Science and Technology, 2013, 67, 2314-2320.	2.7	23
183	Identification and modeling of nonlinear dynamical systems using a novel self-organizing RBF-based approach. Automatica, 2012, 48, 1729-1734.	5.1	86
184	An efficient self-organizing RBF neural network for water quality prediction. Neural Networks, 2011, 24, 717-725.	5.9	215
185	Research on an online self-organizing radial basis function neural network. Neural Computing and Applications, 2010, 19, 667-676.	4.0	39
186	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.	6.2	38
187	INFINITE-HORIZON OPTIMAL CONTROL BASED ON CONTINUOUS-TIME CONTINUOUS-STATE HOPFIELD NEURAL NETWORKS. International Journal of Wavelets, Multiresolution and Information Processing, 2006, 04, 707-719.	1.0	2