C L Philip Chen

List of Publications by Year
in descending order

153 papers	13,610 citations	18436 62 h-index	21474 114 g-index
153 all docs	153 docs citations	153 times ranked	6819 citing authors

#	Article	IF	Citations
1	Broad Learning System: An Effective and Efficient Incremental Learning System Without the Need for Deep Architecture. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 10-24.	7.2	1,117
2	Adaptive Consensus Control for a Class of Nonlinear Multiagent Time-Delay Systems Using Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1217-1226.	7.2	531
3	Observer-Based Adaptive Backstepping Consensus Tracking Control for High-Order Nonlinear Semi-Strict-Feedback Multiagent Systems. IEEE Transactions on Cybernetics, 2016, 46, 1591-1601.	6.2	504
4	Fuzzy Neural Network-Based Adaptive Control for a Class of Uncertain Nonlinear Stochastic Systems. IEEE Transactions on Cybernetics, 2014, 44, 583-593.	6.2	467
5	Neural Network Control-Based Adaptive Learning Design for Nonlinear Systems With Full-State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1562-1571.	7.2	424
6	Adaptive Neural Output Feedback Tracking Control for a Class of Uncertain Discrete-Time Nonlinear Systems. IEEE Transactions on Neural Networks, 2011, 22, 1162-1167.	4.8	333
7	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. Science China Information Sciences, 2020, 63, 1.	2.7	330
8	Universal Approximation Capability of Broad Learning System and Its Structural Variations. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1191-1204.	7.2	328
9	Fuzzy Adaptive Finite-Time Control Design for Nontriangular Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 172-184.	6.5	259
10	Finite-Time Formation Control of Under-Actuated Ships Using Nonlinear Sliding Mode Control. IEEE Transactions on Cybernetics, 2018, 48, 3243-3253.	6.2	251
11	Neural Networks-Based Adaptive Control for Nonlinear State Constrained Systems With Input Delay. IEEE Transactions on Cybernetics, 2019, 49, 1249-1258.	6.2	250
12	Adaptive Neural Output Feedback Controller Design With Reduced-Order Observer for a Class of Uncertain Nonlinear SISO Systems. IEEE Transactions on Neural Networks, 2011, 22, 1328-1334.	4.8	248
13	Fuzzy Broad Learning System: A Novel Neuro-Fuzzy Model for Regression and Classification. IEEE Transactions on Cybernetics, 2020, 50, 414-424.	6.2	245
14	Fuzzy Observed-Based Adaptive Consensus Tracking Control for Second-Order Multiagent Systems With Heterogeneous Nonlinear Dynamics. IEEE Transactions on Fuzzy Systems, 2016, 24, 906-915.	6.5	244
15	A survey of human-centered intelligent robots: issues and challenges. IEEE/CAA Journal of Automatica Sinica, 2017, 4, 602-609.	8.5	236
16	Output-Feedback Adaptive Neural Control for Stochastic Nonlinear Time-Varying Delay Systems With Unknown Control Directions. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1188-1201.	7.2	213
17	Adaptive Fuzzy Output Feedback Control for a Class of Nonlinear Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2018, 26, 2607-2617.	6.5	213
18	Reinforcement Learning Design-Based Adaptive Tracking Control With Less Learning Parameters for Nonlinear Discrete-Time MIMO Systems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 165-176.	7.2	212

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19	Adaptive Neural Network Control for Active Suspension Systems With Time-Varying Vertical Displacement and Speed Constraints. IEEE Transactions on Industrial Electronics, 2019, 66, 9458-9466.	5.2	202
20	Finite-Time Filter Decentralized Control for Nonstrict-Feedback Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3289-3300.	6.5	192
21	Underwater Internet of Things in Smart Ocean: System Architecture and Open Issues. IEEE Transactions on Industrial Informatics, 2020, 16, 4297-4307.	7.2	192
22	I-Ching Divination Evolutionary Algorithm and its Convergence Analysis. IEEE Transactions on Cybernetics, 2017, 47, 2-13.	6.2	189
23	Fuzzy Restricted Boltzmann Machine for the Enhancement of Deep Learning. IEEE Transactions on Fuzzy Systems, 2015, 23, 2163-2173.	6.5	187
24	Neural Controller Design-Based Adaptive Control for Nonlinear MIMO Systems With Unknown Hysteresis Inputs. IEEE Transactions on Cybernetics, 2016, 46, 9-19.	6.2	187
25	Predictive Deep Boltzmann Machine for Multiperiod Wind Speed Forecasting. IEEE Transactions on Sustainable Energy, 2015, 6, 1416-1425.	5.9	186
26	GCB-Net: Graph Convolutional Broad Network and Its Application in Emotion Recognition. IEEE Transactions on Affective Computing, 2022, 13, 379-388.	5.7	175
27	Adaptive Robust Output Feedback Control for a Marine Dynamic Positioning System Based on a High-Gain Observer. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2775-2786.	7.2	166
28	Design of Highly Nonlinear Substitution Boxes Based on I-Ching Operators. IEEE Transactions on Cybernetics, 2018, 48, 3349-3358.	6.2	162
29	Adaptive NN Control Using Integral Barrier Lyapunov Functionals for Uncertain Nonlinear Block-Triangular Constraint Systems. IEEE Transactions on Cybernetics, 2017, 47, 3747-3757.	6.2	161
30	Neural Network Controller Design for a Class of Nonlinear Delayed Systems With Time-Varying Full-State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2625-2636.	7.2	161
31	Recurrent Broad Learning Systems for Time Series Prediction. IEEE Transactions on Cybernetics, 2020, 50, 1405-1417.	6.2	161
32	Adaptive NN Controller Design for a Class of Nonlinear MIMO Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1007-1018.	7.2	159
33	Neural Network Filtering Control Design for Nontriangular Structure Switched Nonlinear Systems in Finite Time. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2153-2162.	7.2	149
34	Intelligent Prognostics for Battery Health Monitoring Using the Mean Entropy and Relevance Vector Machine. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2014, 44, 851-862.	5.9	143
35	Formation Control of Leaderâ€“Follower Mobile Robotsâ€™ Systems Using Model Predictive Control Based on Neural-Dynamic Optimization. IEEE Transactions on Industrial Electronics, 2016, 63, 5752-5762.	5.2	138
36	Adaptive Fuzzy Tracking Control of Nonlinear Time-Delay Systems With Dead-Zone Output Mechanism Based on a Novel Smooth Model. IEEE Transactions on Fuzzy Systems, 2015, 23, 1998-2011.	6.5	134

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37	Adaptive Tracking Control for A Class of Nonlinear Systems With a Fuzzy Dead-Zone Input. IEEE Transactions on Fuzzy Systems, 2015, 23, 193-204.	6.5	133
38	Adaptive Neural Network Learning Controller Design for a Class of Nonlinear Systems With Time-Varying State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 66-75.	7.2	132
39	Region-Kernel-Based Support Vector Machines for Hyperspectral Image Classification. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4810-4824.	2.7	129
40	Approximation-Based Adaptive Neural Tracking Control of Nonlinear MIMO Unknown Time-Varying Delay Systems With Full State Constraints. IEEE Transactions on Cybernetics, 2017, 47, 3100-3109.	6.2	123
41	Adaptive Fuzzy Leader-Following Consensus Control for Stochastic Multiagent Systems with Heterogeneous Nonlinear Dynamics. IEEE Transactions on Fuzzy Systems, 2017, 25, 181-190.	6.5	116
42	Motor Learning and Generalization Using Broad Learning Adaptive Neural Control. IEEE Transactions on Industrial Electronics, 2020, 67, 8608-8617.	5.2	112
43	A Novel Adaptive NN Prescribed Performance Control for Stochastic Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3196-3205.	7.2	108
44	A Unified Approach to Adaptive Neural Control for Nonlinear Discrete-Time Systems With Nonlinear Dead-Zone Input. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 139-150.	7.2	104
45	Adaptive Fuzzy Output-Feedback Controller Design for Nonlinear Systems via Backstepping and Small-Gain Approach. IEEE Transactions on Cybernetics, 2014, 44, 1714-1725.	6.2	102
46	Reduced-Order Observer-Based Dynamic Event-Triggered Adaptive NN Control for Stochastic Nonlinear Systems Subject to Unknown Input Saturation. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1678-1690.	7.2	102
47	Fuzzy Adaptive Inverse Compensation Method to Tracking Control of Uncertain Nonlinear Systems With Generalized Actuator Dead Zone. IEEE Transactions on Fuzzy Systems, 2017, 25, 191-204.	6.5	101
48	Actuator Failure Compensation-Based Adaptive Control of Active Suspension Systems With Prescribed Performance. IEEE Transactions on Industrial Electronics, 2020, 67, 7044-7053.	5.2	97
49	Fault Tolerant Control for Dynamic Positioning of Unmanned Marine Vehicles Based on T-S Fuzzy Model With Unknown Membership Functions. IEEE Transactions on Vehicular Technology, 2021, 70, 146-157.	3.9	92
50	Discriminative graph regularized broad learning system for image recognition. Science China Information Sciences, 2018, 61, 1.	2.7	88
51	Structured Manifold Broad Learning System: A Manifold Perspective for Large-Scale Chaotic Time Series Analysis and Prediction. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 1809-1821.	4.0	84
52	Optimal Robotâ€“Environment Interaction Under Broad Fuzzy Neural Adaptive Control. IEEE Transactions on Cybernetics, 2021, 51, 3824-3835.	6.2	82
53	Adaptive Fuzzy Asymptotic Control of MIMO Systems With Unknown Input Coefficients Via a Robust Nussbaum Gain-Based Approach. IEEE Transactions on Fuzzy Systems, 2017, 25, 1252-1263.	6.5	80
54	Adaptive Consensus Tracking Control of Uncertain Nonlinear Multiagent Systems With Predefined Accuracy. IEEE Transactions on Cybernetics, 2021, 51, 405-415.	6.2	80

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55	Adaptive NN Control Without Feasibility Conditions for Nonlinear State Constrained Stochastic Systems With Unknown Time Delays. IEEE Transactions on Cybernetics, 2019, 49, 4485-4494.	6.2	78
56	SCADA communication and security issues. Security and Communication Networks, 2014, 7, 175-194.	1.0	76
57	Adaptive Fuzzy Tracking Control of Nonlinear Systems With Asymmetric Actuator Backlash Based on a New Smooth Inverse. IEEE Transactions on Cybernetics, 2016, 46, 1250-1262.	6.2	74
58	Finite-Time Adaptive Quantized Control of Stochastic Nonlinear Systems With Input Quantization: A Broad Learning System Based Identification Method. IEEE Transactions on Industrial Electronics, 2020, 67, 8555-8565.	5.2	71
59	Hyperspectral Imagery Classification Based on Semi-Supervised Broad Learning System. Remote Sensing, 2018, 10, 685.	1.8	70
60	Fuzzy Observer Constraint Based on Adaptive Control for Uncertain Nonlinear MIMO Systems With Time-Varying State Constraints. IEEE Transactions on Cybernetics, 2021, 51, 1380-1389.	6.2	70
61	Neural Approximation-Based Adaptive Control for a Class of Nonlinear Nonstrict Feedback Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1531-1541.	7.2	69
62	Event-Triggered Fault Detector and Controller Coordinated Design of Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2004-2016.	6.5	68
63	Weighted Broad Learning System and Its Application in Nonlinear Industrial Process Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 3017-3031.	7.2	67
64	Adaptive NN event-triggered control for path following of underactuated vessels with finite-time convergence. Neurocomputing, 2020, 379, 203-213.	3.5	67
65	A Fuzzy Restricted Boltzmann Machine: Novel Learning Algorithms Based on the Crisp Possibilistic Mean Value of Fuzzy Numbers. IEEE Transactions on Fuzzy Systems, 2018, 26, 117-130.	6.5	64
66	Fuzzy Approximation-Based Adaptive Control of Nonlinear Uncertain State Constrained Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2020, 28, 1620-1630.	6.5	62
67	EEG Emotion Recognition Using Dynamical Graph Convolutional Neural Networks and Broad Learning System. , 2018, , .		59
68	Adaptive Neural Network Control for a DC Motor System with Dead-Zone. Nonlinear Dynamics, 2013, 72, 141-147.	2.7	51
69	Swarm Control for Self-Organized System With Fixed and Switching Topology. IEEE Transactions on Cybernetics, 2020, 50, 4481-4494.	6.2	51
70	Fixed-Time Fuzzy Control for a Class of Nonlinear Systems. IEEE Transactions on Cybernetics, 2022, 52, 3880-3887.	6.2	51
71	BMT-Net: Broad Multitask Transformer Network for Sentiment Analysis. IEEE Transactions on Cybernetics, 2022, 52, 6232-6243.	6.2	49
72	GreenSea: Visual Soccer Analysis Using Broad Learning System. IEEE Transactions on Cybernetics, 2021, 51, 1463-1477.	6.2	47

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73	Finite-Time Adaptive Fuzzy Prescribed Performance Control for High-Order Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 2227-2240.	6.5	47
74	Adaptive Tracking Control of Cooperative Robot Manipulators With Markovian Switched Couplings. IEEE Transactions on Industrial Electronics, 2021, 68, 2427-2436.	5.2	45
75	AS-NAS: Adaptive Scalable Neural Architecture Search With Reinforced Evolutionary Algorithm for Deep Learning. IEEE Transactions on Evolutionary Computation, 2021, 25, 830-841.	7.5	45
76	Hybrid Transfer Learning and Broad Learning System for Wearing Mask Detection in the COVID-19 Era. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	2.4	43
77	Adaptive Deep Cascade Broad Learning System and Its Application in Image Denoising. IEEE Transactions on Cybernetics, 2021, 51, 4450-4463.	6.2	42
78	Hierarchical Feature Extraction With Local Neural Response for Image Recognition. IEEE Transactions on Cybernetics, 2013, 43, 412-424.	6.2	38
79	Optic Disk and Cup Segmentation Through Fuzzy Broad Learning System for Glaucoma Screening. IEEE Transactions on Industrial Informatics, 2021, 17, 2476-2487.	7.2	38
80	Low-Cost Approximation-Based Adaptive Tracking Control of Output-Constrained Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4890-4900.	7.2	37
81	Smooth Transition in Communication for Swarm Control With Formation Change. IEEE Transactions on Industrial Informatics, 2020, 16, 6962-6971.	7.2	35
82	Hyperspectral Image Clustering Based on Unsupervised Broad Learning. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1741-1745.	1.4	34
83	Broad learning system: Feature extraction based on K-means clustering algorithm. , 2017, , .		33
84	Multiview High Dynamic Range Image Synthesis Using Fuzzy Broad Learning System. IEEE Transactions on Cybernetics, 2021, 51, 2735-2747.	6.2	33
85	Broad learning system: Structural extensions on single-layer and multi-layer neural networks. , 2017, , .		32
86	Neural-Learning-Based Force Sensorless Admittance Control for Robots With Input Deadzone. IEEE Transactions on Industrial Electronics, 2021, 68, 5184-5196.	5.2	32
87	On the Accuracyâ€“Complexity Tradeoff of Fuzzy Broad Learning System. IEEE Transactions on Fuzzy Systems, 2021, 29, 2963-2974.	6.5	31
88	Random-Positioned License Plate Recognition Using Hybrid Broad Learning System and Convolutional Networks. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 444-456.	4.7	31
89	Nonlinear system identification using a simplified Fuzzy Broad Learning System: Stability analysis and a comparative study. Neurocomputing, 2019, 337, 274-286.	3.5	27
90	Neural-network-based formation control with collision, obstacle avoidance and connectivity maintenance for a class of second-order nonlinear multi-agent systems. Neurocomputing, 2021, 439, 243-255.	3.5	27

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91	Generative and Discriminative Fuzzy Restricted Boltzmann Machine Learning for Text and Image Classification. IEEE Transactions on Cybernetics, 2020, 50, 2237-2248.	6.2	25
92	Maximum Information Exploitation Using Broad Learning System for Large-Scale Chaotic Time-Series Prediction. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2320-2329.	7.2	23
93	Broad Learning System for Control of Nonlinear Dynamic Systems. , 2018, , .		22
94	Fuzzy adaptive optimal control for nonlinear switched systems with actuator hysteresis. International Journal of Adaptive Control and Signal Processing, 2019, 33, 609-625.	2.3	21
95	Weighted Generalized Cross-Validation-Based Regularization for Broad Learning System. IEEE Transactions on Cybernetics, 2022, 52, 4064-4072.	6.2	21
96	Globally and Locally Semantic Colorization via Exemplar-Based Broad-GAN. IEEE Transactions on Image Processing, 2021, 30, 8526-8539.	6.0	20
97	Grid index subspace constructed locally weighted learning identification modeling for high dimensional ship maneuvering system. ISA Transactions, 2019, 86, 144-152.	3.1	19
98	Adaptive Swarm Control Within Saturated Input Based on Nonlinear Coupling Degree. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4900-4911.	5.9	19
99	Moving Cast Shadows Segmentation Using Illumination Invariant Feature. IEEE Transactions on Multimedia, 2020, 22, 2221-2233.	5.2	17
100	Adaptive Finite-Time Control for Half-Vehicle Active Suspension Systems with Uncertain Dynamics. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	3.7	17
101	Broad Learning With Reinforcement Learning Signal Feedback: Theory and Applications. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 2952-2964.	7.2	16
102	Direct adaptive compensation for actuator failures and dead-Zone constraints in tracking control of uncertain nonlinear systems. Information Sciences, 2017, 417, 328-343.	4.0	15
103	Adaptive Critic Design for Pure-Feedback Discrete-Time MIMO Systems Preceded by Unknown Backlashlike Hysteresis. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5681-5690.	7.2	15
104	Semisupervised Classification of Hyperspectral Image Based on Graph Convolutional Broad Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2995-3005.	2.3	15
105	A Survey on Masked Facial Detection Methods and Datasets for Fighting Against COVID-19. IEEE Transactions on Artificial Intelligence, 2022, 3, 323-343.	3.4	15
106	Adaptive Classifier Ensemble Method Based on Spatial Perception for High-Dimensional Data Classification. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2847-2862.	4.0	13
107	Transductive Transfer Learning Based on Broad Learning System. , 2018, , .		12
108	Improving Video Temporal Consistency via Broad Learning System. IEEE Transactions on Cybernetics, 2022, 52, 6662-6675.	6.2	12

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109	A Hybrid Recursive Implementation of Broad Learning With Incremental Features. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 1650-1662.	7.2	12
110	Broad Colorization. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2330-2343.	7.2	10
111	Hyperspectral Image Classification Based on Domain Adversarial Broad Adaptation Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	2.7	10
112	A novel evolutionary algorithm solving optimization problems. , 2014, , .		8
113	Consensus Control With Failureâ€"Wait or Abandon?. IEEE Transactions on Cybernetics, 2016, 46, 75-84.	6.2	8
114	Adaptive neural consensus tracking control for multi-agent systems with unknown state and input hysteresis. Nonlinear Dynamics, 2021, 105, 1625-1641.	2.7	8
115	Optical reflection invariant-based method for moving shadows removal. Optical Engineering, 2018, 57, 1.	0.5	8
116	Fuzzy Clustering in Cascaded Feature Space. International Journal of Fuzzy Systems, 2019, 21, 2155-2167.	2.3	7
117	A New Local Knowledge-Based Collaborative Representation for Image Recognition. IEEE Access, 2020, 8, 81069-81079.	2.6	7
118	A neighborhood prior constrained collaborative representation for classification. International Journal of Wavelets, Multiresolution and Information Processing, 2021, 19, 2050073.	0.9	7
119	Adaptive Intelligent Controller Design-Based ISS Modular Approach for Uncertain Nonlinear Systems With Time-Varying Full-State Constraints. IEEE Transactions on Artificial Intelligence, 2021, 2, 352-361.	3.4	7
120	Multi-Channel EEG Based Emotion Recognition Using Temporal Convolutional Network and Broad Learning System. , 2020, , .		7
121	Extended dimension fuzzy adaptive control for nonlinear uncertain stochastic systems with actuator constraints. Nonlinear Dynamics, 2019, 98, 1315-1329.	2.7	6
122	Multi-Kernel Broad Learning systems Based on Random Features:A Novel Expansion for Nonlinear Feature Nodes. , 2019, , .		6
123	Prediction of Ship Fuel Consumption Based on Broad Learning System. , 2019, , .		6
124	Target tracking algorithm based on a broad learning system. Science China Information Sciences, 2022, 65, 1.	2.7	6
125	Multiscale Random Convolution Broad Learning System for Hyperspectral Image Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	6
126	Analysis of Customer Segmentation Based on Broad Learning System. , 2019, , .		5

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127	An automatic setting for training restricted boltzmann machine. , 2014, , .		4
128	Fuzzy restricted Boltzmann machine and deep belief network: A comparison on image reconstruction. , 2017, , .		4
129	License Plate Character Segmentation Using Key Character Location and Projection Analysis. , 2018, , .		4
130	Performance analysis of fuzzy BLS using different cluster methods for classification. Science China Information Sciences, 2021, 64, 1.	2.7	4
131	Pruning Broad Learning System based on Adaptive Feature Evolution. , 2021, , .		4
132	Comparison and Combination of Activation Functions in Broad Learning System. , 2020, , .		4
133	Forecast Application of Time Series Model Based on BLS in Port Cargo Throughput. , 2018, , .		3
134	SPRBF-ABLS: a novel attention-based broad learning systems with sparse polynomial-based radial basis function neural networks. Journal of Intelligent Manufacturing, 2023, 34, 1779-1794.	4.4	3
135	Graph-Represented Broad Learning System for Landslide Susceptibility Mapping in Alpine-Canyon Region. Remote Sensing, 2022, 14, 2773.	1.8	3
136	Application of Broad Learning System for Container Number Identification. , 2018, , .		2
137	Broad Learning System-Based Learning Controller for Course Control of Marine Vessels. , 2019, , .		2
138	Multi-Stage Convolutional Broad Learning with Block Diagonal Constraint for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 3412.	1.8	2
139	Virtual Structure Formation Control via Sliding Mode Control and Neural Networks. Lecture Notes in Computer Science, 2017, , 101-108.	1.0	2
140	Masked Face Detection Using A Two-stage Classification Approach In the COVID-19 Era. , 2021, , .		2
141	Character Segmentation and Recognition of Variable-Length License Plates Using ROI Detection and Broad Learning System. Remote Sensing, 2022, 14, 1560.	1.8	2
142	Consensus control for nonlinear multi-agent systems with packet dropouts and measurement noises. , 2016, , .		1
143	Broad Learning System for Class Incremental Learning. , 2018, , .		1
144	Image Recognition Using Manifold Constrained Collaborative Representation. , 2018, , .		1

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145	Event-triggered-based Adaptive Output Feedback Control with Prescribed Performance for Strict-feedback Nonlinear Systems. , 2019, , .		1
146	An Efficient Algorithm for the Incremental Broad Learning System by Inverse Cholesky Factorization of a Partitioned Matrix. IEEE Access, 2021, 9, 19294-19303.	2.6	1
147	Chebyshev Polynomial Broad Learning System. , 2021, , .		1
148	A kernel logistic neural network based on restricted Boltzmann machine. , 2016, , .		0
149	Finite-Time Fault-Tolerant Control for a Nonlinear SISO System with Actuator Faults. , 2018, , .		0
150	A Binary I-Ching Divination Evolutionary Algorithm for Feature Selection. , 2019, , .		0
151	Finite- Time Stabilization of Nontriangular Systems with Full State Constraints. , 2019, , .		0
152	A Fast Method of Function Approximation using Broad Learning System. , 2019, , .		0
153	A Fast Approach of Graph Embedding Using Broad Learning System. Communications in Computer and Information Science, 2019, , 164-172.	0.4	0