

List of Publications by Year in descending order

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277
papers

24,107
citations

5876

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281
docs citations

281
times ranked

11807
citing authors

#	ARTICLE	IF	CITATIONS
1	A survey of deep neural network architectures and their applications. <i>Neurocomputing</i> , 2017, 234, 11-26.	3.5	2,242
2	A Grid-Based Evolutionary Algorithm for Many-Objective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2013, 17, 721-736.	7.5	890
3	Shift-Based Density Estimation for Pareto-Based Algorithms in Many-Objective Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2014, 18, 348-365.	7.5	773
4	Global exponential stability of generalized recurrent neural networks with discrete and distributed delays. <i>Neural Networks</i> , 2006, 19, 667-675.	3.3	642
5	Robust H_{∞} Control for Networked Systems With Random Packet Losses. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2007, 37, 916-924.	5.5	470
6	Robust H_{∞} filtering for stochastic time-delay systems with missing measurements. <i>IEEE Transactions on Signal Processing</i> , 2006, 54, 2579-2587.	3.2	458
7	Synchronization and State Estimation for Discrete-Time Complex Networks With Distributed Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008, 38, 1314-1325.	5.5	444
8	Stability analysis for stochastic Cohen-Grossberg neural networks with mixed time delays. <i>IEEE Transactions on Neural Networks</i> , 2006, 17, 814-820.	4.8	421
9	On global asymptotic stability of neural networks with discrete and distributed delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 345, 299-308.	0.9	402
10	Exponential stability of delayed recurrent neural networks with Markovian jumping parameters. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 356, 346-352.	0.9	393
11	Robust H_{∞} control for a class of nonlinear discrete time-delay stochastic systems with missing measurements. <i>Automatica</i> , 2009, 45, 684-691.	3.0	387
12	H_{∞} filtering for uncertain stochastic time-delay systems with sector-bounded nonlinearities. <i>Automatica</i> , 2008, 44, 1268-1277.	3.0	373
13	State Estimation for Delayed Neural Networks. <i>IEEE Transactions on Neural Networks</i> , 2005, 16, 279-284.	4.8	367
14	Stability and Synchronization of Discrete-Time Markovian Jumping Neural Networks With Mixed Mode-Dependent Time Delays. <i>IEEE Transactions on Neural Networks</i> , 2009, 20, 1102-1116.	4.8	324
15	Variance-constrained filtering for uncertain stochastic systems with missing measurements. <i>IEEE Transactions on Automatic Control</i> , 2003, 48, 1254-1258.	3.6	304
16	Evolutionary Multi-Objective Workflow Scheduling in Cloud. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2016, 27, 1344-1357.	4.0	302
17	State estimation under false data injection attacks: Security analysis and system protection. <i>Automatica</i> , 2018, 87, 176-183.	3.0	300
18	Sampled-Data Synchronization Control of Dynamical Networks With Stochastic Sampling. <i>IEEE Transactions on Automatic Control</i> , 2012, 57, 2644-2650.	3.6	271

#	ARTICLE	IF	CITATIONS
19	Bounded H_{∞} Synchronization and State Estimation for Discrete Time-Varying Stochastic Complex Networks Over a Finite Horizon. IEEE Transactions on Neural Networks, 2011, 22, 145-157.	4.8	268
20	Robust Filtering Under Randomly Varying Sensor Delay With Variance Constraints. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2004, 51, 320-326.	2.3	262
21	Exponential Stabilization of a Class of Stochastic System With Markovian Jump Parameters and Mode-Dependent Mixed Time-Delays. IEEE Transactions on Automatic Control, 2010, 55, 1656-1662.	3.6	256
22	H_{∞} filtering with randomly occurring sensor saturations and missing measurements. Automatica, 2012, 48, 556-562.	3.0	255
23	Examining the moderating effect of individual-level cultural values on users' acceptance of E-learning in developing countries: a structural equation modeling of an extended technology acceptance model. Interactive Learning Environments, 2017, 25, 306-328.	4.4	251
24	Bi-goal evolution for many-objective optimization problems. Artificial Intelligence, 2015, 228, 45-65.	3.9	239
25	Real-time traffic sign recognition from video by class-specific discriminative features. Pattern Recognition, 2010, 43, 416-430.	5.1	234
26	State estimation for jumping recurrent neural networks with discrete and distributed delays. Neural Networks, 2009, 22, 41-48.	3.3	230
27	Stochastic stability of uncertain Hopfield neural networks with discrete and distributed delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 354, 288-297.	0.9	218
28	Pareto or Non-Pareto: Bi-Criterion Evolution in Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2016, 20, 645-665.	7.5	217
29	A review on transfer learning in EEG signal analysis. Neurocomputing, 2021, 421, 1-14.	3.5	213
30	Nonparallel Support Vector Machines for Pattern Classification. IEEE Transactions on Cybernetics, 2014, 44, 1067-1079.	6.2	206
31	Event-Triggered State Estimation for Complex Networks With Mixed Time Delays via Sampled Data Information: The Continuous-Time Case. IEEE Transactions on Cybernetics, 2015, 45, 2804-2815.	6.2	206
32	State Estimation for Coupled Uncertain Stochastic Networks With Missing Measurements and Time-Varying Delays: The Discrete-Time Case. IEEE Transactions on Neural Networks, 2009, 20, 781-793.	4.8	202
33	Robust stability analysis of generalized neural networks with discrete and distributed time delays. Chaos, Solitons and Fractals, 2006, 30, 886-896.	2.5	201
34	Robust stability for stochastic Hopfield neural networks with time delays. Nonlinear Analysis: Real World Applications, 2006, 7, 1119-1128.	0.9	193
35	State Estimation for Discrete-Time Dynamical Networks With Time-Varying Delays and Stochastic Disturbances Under the Round-Robin Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1139-1151.	7.2	189
36	Diversity Comparison of Pareto Front Approximations in Many-Objective Optimization. IEEE Transactions on Cybernetics, 2014, 44, 2568-2584.	6.2	182

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37	Robust Synchronization of an Array of Coupled Stochastic Discrete-Time Delayed Neural Networks. IEEE Transactions on Neural Networks, 2008, 19, 1910-1921.	4.8	180
38	Exponential stability of uncertain stochastic neural networks with mixed time-delays. Chaos, Solitons and Fractals, 2007, 32, 62-72.	2.5	178
39	The effects of individual differences on e-learning users' behaviour in developing countries: A structural equation model. Computers in Human Behavior, 2014, 41, 153-163.	5.1	178
40	Robust finite-horizon filtering for stochastic systems with missing measurements. IEEE Signal Processing Letters, 2005, 12, 437-440.	2.1	174
41	Measuring the Moderating Effect of Gender and Age on E-Learning Acceptance in England: A Structural Equation Modeling Approach for An Extended Technology Acceptance Model. Journal of Educational Computing Research, 2014, 51, 163-184.	3.6	174
42	A Note on the Robust Stability of Uncertain Stochastic Fuzzy Systems With Time-Delays. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2004, 34, 570-576.	3.4	171
43	Segmentation of the Blood Vessels and Optic Disk in Retinal Images. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1874-1886.	3.9	171
44	Global Synchronization Control of General Delayed Discrete-Time Networks With Stochastic Coupling and Disturbances. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1073-1083.	5.5	168
45	Exponential synchronization of complex networks with Markovian jump and mixed delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 3986-3998.	0.9	162
46	Synchronization of Coupled Neutral-Type Neural Networks With Jumping-Mode-Dependent Discrete and Unbounded Distributed Delays. IEEE Transactions on Cybernetics, 2013, 43, 102-114.	6.2	162
47	A Novel Sigmoid-Function-Based Adaptive Weighted Particle Swarm Optimizer. IEEE Transactions on Cybernetics, 2021, 51, 1085-1093.	6.2	162
48	A Stochastic Sampled-Data Approach to Distributed H_{∞} Filtering in Sensor Networks. IEEE Transactions on Circuits and Systems I: Regular Papers, 2011, 58, 2237-2246.	3.5	155
49	State Estimation for Discrete-Time Nonlinear Singularly Perturbed Complex Networks Under the Round-Robin Protocol. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 415-426.	7.2	154
50	Machine Learning with Applications in Breast Cancer Diagnosis and Prognosis. Designs, 2018, 2, 13.	1.3	150
51	Distributed State Estimation for Discrete-Time Sensor Networks With Randomly Varying Nonlinearities and Missing Measurements. IEEE Transactions on Neural Networks, 2011, 22, 486-496.	4.8	148
52	Discrete-time recurrent neural networks with time-varying delays: Exponential stability analysis. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 362, 480-488.	0.9	146
53	Evolutionary Algorithms With Segment-Based Search for Multiobjective Optimization Problems. IEEE Transactions on Cybernetics, 2014, 44, 1295-1313.	6.2	143
54	Design of exponential state estimators for neural networks with mixed time delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 364, 401-412.	0.9	142

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55	Asymptotic stability for neural networks with mixed time-delays: The discrete-time case. <i>Neural Networks</i> , 2009, 22, 67-74.	3.3	141
56	A cross-cultural examination of the impact of social, organisational and individual factors on educational technology acceptance between <scp>B</scp>ritish and <scp>L</scp>ebanese university students. <i>British Journal of Educational Technology</i> , 2015, 46, 739-755.	3.9	141
57	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. <i>IEEE Nanotechnology Magazine</i> , 2019, 18, 819-829.	1.1	140
58	Image-Based Quantitative Analysis of Gold Immunochromatographic Strip via Cellular Neural Network Approach. <i>IEEE Transactions on Medical Imaging</i> , 2014, 33, 1129-1136.	5.4	138
59	Communication-protocol-based analysis and synthesis of networked systems: progress, prospects and challenges. <i>International Journal of Systems Science</i> , 2021, 52, 3013-3034.	3.7	134
60	RECENT ADVANCES ON SUPPORT VECTOR MACHINES RESEARCH. <i>Technological and Economic Development of Economy</i> , 2012, 18, 5-33.	2.3	133
61	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. <i>IEEE Transactions on Automatic Control</i> , 2008, 53, 2448-2457.	3.6	132
62	On Delayed Genetic Regulatory Networks With Polytopic Uncertainties: Robust Stability Analysis. <i>IEEE Transactions on Nanobioscience</i> , 2008, 7, 154-163.	2.2	125
63	State estimation for discrete-time Markovian jumping neural networks with mixed mode-dependent delays. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 7147-7155.	0.9	124
64	Global stability of stochastic high-order neural networks with discrete and distributed delays. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 388-396.	2.5	124
65	Consensus clustering and functional interpretation of gene-expression data. <i>Genome Biology</i> , 2004, 5, R94.	13.9	122
66	A Weighted Sum Validity Function for Clustering With a Hybrid Niching Genetic Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2005, 35, 1156-1167.	5.5	121
67	Robust stability of discrete-time stochastic neural networks with time-varying delays. <i>Neurocomputing</i> , 2008, 71, 823-833.	3.5	120
68	A note on control of a class of discrete-time stochastic systems with distributed delays and nonlinear disturbances. <i>Automatica</i> , 2010, 46, 543-548.	3.0	119
69	An Extended Kalman Filtering Approach to Modeling Nonlinear Dynamic Gene Regulatory Networks via Short Gene Expression Time Series. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2009, 6, 410-419.	1.9	118
70	Stability analysis for a class of neutral-type neural networks with Markovian jumping parameters and mode-dependent mixed delays. <i>Neurocomputing</i> , 2012, 94, 46-53.	3.5	114
71	On global exponential stability of generalized stochastic neural networks with mixed time-delays. <i>Neurocomputing</i> , 2006, 70, 314-326.	3.5	111
72	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. <i>IEEE Transactions on Evolutionary Computation</i> , 2019, 23, 632-644.	7.5	110

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73	Exponential synchronization of stochastic delayed discrete-time complex networks. <i>Nonlinear Dynamics</i> , 2008, 53, 153-165.	2.7	108
74	Event-Triggered H_∞ State Estimation for Delayed Stochastic Memristive Neural Networks With Missing Measurements: The Discrete Time Case. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018, 29, 3726-3737.	7.2	102
75	A Hybrid EKF and Switching PSO Algorithm for Joint State and Parameter Estimation of Lateral Flow Immunoassay Models. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 321-329.	1.9	100
76	Deep-reinforcement-learning-based images segmentation for quantitative analysis of gold immunochromatographic strip. <i>Neurocomputing</i> , 2021, 425, 173-180.	3.5	100
77	A Small-Sized Object Detection Oriented Multi-Scale Feature Fusion Approach With Application to Defect Detection. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-14.	2.4	96
78	Set-Membership Filtering Subject to Impulsive Measurement Outliers: A Recursive Algorithm. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021, 8, 377-388.	8.5	93
79	State estimation for two-dimensional complex networks with randomly occurring nonlinearities and randomly varying sensor delays. <i>International Journal of Robust and Nonlinear Control</i> , 2014, 24, 18-38.	2.1	89
80	Robust state estimation for discrete-time stochastic neural networks with probabilistic measurement delays. <i>Neurocomputing</i> , 2010, 74, 256-264.	3.5	85
81	State Estimation for Discrete Time-Delayed Genetic Regulatory Networks With Stochastic Noises Under the Round-Robin Protocols. <i>IEEE Transactions on Nanobioscience</i> , 2018, 17, 145-154.	2.2	84
82	SIP. <i>ACM Transactions on Software Engineering and Methodology</i> , 2016, 25, 1-39.	4.8	81
83	Factors Affecting Students' Acceptance of e-Learning Environments in Developing Countries: A Structural Equation Modeling Approach. <i>International Journal of Information and Education Technology</i> , 2013, , 54-59.	0.9	80
84	On Passivity and Passification of Stochastic Fuzzy Systems With Delays: The Discrete-Time Case. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010, 40, 964-969.	5.5	76
85	Nonlinear filtering for state delayed systems with markovian switching. <i>IEEE Transactions on Signal Processing</i> , 2003, 51, 2321-2328.	3.2	75
86	An Integrated Approach to Global Synchronization and State Estimation for Nonlinear Singularly Perturbed Complex Networks. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 1597-1609.	6.2	73
87	User Acceptance Towards Web-based Learning Systems: Investigating the Role of Social, Organizational and Individual Factors in European Higher Education. <i>Procedia Computer Science</i> , 2013, 17, 189-197.	1.2	71
88	ETEA: A Euclidean Minimum Spanning Tree-Based Evolutionary Algorithm for Multi-Objective Optimization. <i>Evolutionary Computation</i> , 2014, 22, 189-230.	2.3	71
89	Filtering for a class of nonlinear discrete-time stochastic systems with state delays. <i>Journal of Computational and Applied Mathematics</i> , 2007, 201, 153-163.	1.1	70
90	Robust Filtering With Randomly Varying Sensor Delay: The Finite-Horizon Case. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2009, 56, 664-672.	3.5	67

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91	A novel randomised particle swarm optimizer. International Journal of Machine Learning and Cybernetics, 2021, 12, 529-540.	2.3	67
92	Stochastic Dynamic Modeling of Short Gene Expression Time-Series Data. IEEE Transactions on Nanobioscience, 2008, 7, 44-55.	2.2	62
93	Distributed state estimation for uncertain Markov-type sensor networks with mode-dependent distributed delays. International Journal of Robust and Nonlinear Control, 2012, 22, 331-346.	2.1	61
94	Variance-Constrained Control for Uncertain Stochastic Systems With Missing Measurements. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2005, 35, 746-753.	3.4	60
95	Robust Synchronization for 2-D Discrete-Time Coupled Dynamical Networks. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 942-953.	7.2	57
96	A Constrained Optimization Approach to Dynamic State Estimation for Power Systems Including PMU and Missing Measurements. IEEE Transactions on Control Systems Technology, 2015, , 1-1.	3.2	57
97	The contribution of data mining to information science. Journal of Information Science, 2004, 30, 550-558.	2.0	56
98	Robust passivity and passification of stochastic fuzzy time-delay systems. Information Sciences, 2010, 180, 1725-1737.	4.0	56
99	Sampled-data H_∞ filtering for stochastic genetic regulatory networks. International Journal of Robust and Nonlinear Control, 2011, 21, 1759-1777.	2.1	56
100	Robust filtering for stochastic genetic regulatory networks with time-varying delay. Mathematical Biosciences, 2009, 220, 73-80.	0.9	55
101	Multiline Distance Minimization: A Visualized Many-Objective Test Problem Suite. IEEE Transactions on Evolutionary Computation, 2018, 22, 61-78.	7.5	55
102	Global asymptotic stability of generalized bi-directional associative memory networks with discrete and distributed delays. Chaos, Solitons and Fractals, 2006, 28, 793-803.	2.5	54
103	Robust H_∞ filtering for discrete nonlinear stochastic systems with time-varying delay. Journal of Mathematical Analysis and Applications. 2008. 341, 318-336.	0.5	54
104	An LMI approach to stability analysis of stochastic high-order Markovian jumping neural networks with mixed time delays. Nonlinear Analysis: Hybrid Systems, 2008, 2, 110-120.	2.1	53
105	A spatio-temporal Bayesian network classifier for understanding visual field deterioration. Artificial Intelligence in Medicine, 2005, 34, 163-177.	3.8	52
106	An Overview of Recommendation Techniques and Their Applications in Healthcare. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 701-717.	8.5	52
107	On delay-dependent robust exponential stability of stochastic neural networks with mixed time delays and Markovian switching. Nonlinear Dynamics, 2008, 54, 199-212.	2.7	51
108	An Integrated Approach for Modeling Learning Patterns of Students in Web-Based Instruction. ACM Transactions on Computer-Human Interaction, 2008, 15, 1-28.	4.6	51

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109	Evaluation of a personalized digital library based on cognitive styles: Adaptivity vs. adaptability. International Journal of Information Management, 2009, 29, 48-56.	10.5	51
110	\hat{z} state estimation for discrete-time delayed neural networks with randomly occurring quantizations and missing measurements. Neurocomputing, 2015, 148, 388-396.	3.5	50
111	Resilient Filtering for Linear Time-Varying Repetitive Processes Under Uniform Quantizations and Round-Robin Protocols. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2992-3004.	3.5	49
112	Extending twin support vector machine classifier for multi-category classification problems. Intelligent Data Analysis, 2013, 17, 649-664.	0.4	47
113	Inference of Nonlinear State-Space Models for Sandwich-Type Lateral Flow Immunoassay Using Extended Kalman Filtering. IEEE Transactions on Biomedical Engineering, 2011, 58, 1959-1966.	2.5	46
114	Finite-horizon \hat{H} filtering for time-varying delay systems with randomly varying nonlinearities and sensor saturations. Systems Science and Control Engineering, 2014, 2, 108-118.	1.8	45
115	A Comparative Study on Evolutionary Algorithms for Many-Objective Optimization. Lecture Notes in Computer Science, 2013, , 261-275.	1.0	44
116	The role of human factors in stereotyping behavior and perception of digital library users: a robust clustering approach. User Modeling and User-Adapted Interaction, 2007, 17, 305-337.	2.9	43
117	Robust H_2 filtering for a class of systems with stochastic nonlinearities. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 235-239.	2.3	41
118	Robust \hat{H} control for a class of nonlinear stochastic systems with mixed time delay. International Journal of Robust and Nonlinear Control, 2007, 17, 1525-1551.	2.1	41
119	Robust state estimation for two-dimensional stochastic time-delay systems with missing measurements and sensor saturation. Multidimensional Systems and Signal Processing, 2014, 25, 157-177.	1.7	39
120	A PSO-based deep learning approach to classifying patients from emergency departments. International Journal of Machine Learning and Cybernetics, 2021, 12, 1939-1948.	2.3	39
121	On synchronization of coupled neural networks with discrete and unbounded distributed delays. International Journal of Computer Mathematics, 2008, 85, 1299-1313.	1.0	36
122	Mining students' learning patterns and performance in Web-based instruction: a cognitive style approach. Interactive Learning Environments, 2011, 19, 179-192.	4.4	35
123	Distributed state estimation in sensor networks with randomly occurring nonlinearities subject to time delays. ACM Transactions on Sensor Networks, 2012, 9, 1-18.	2.3	35
124	Investigation of behavior and perception of digital library users: A cognitive style perspective. International Journal of Information Management, 2008, 28, 355-365.	10.5	34
125	Dynamic State Estimation of Power Systems With Quantization Effects: A Recursive Filter Approach. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1604-1614.	7.2	34
126	Robust Kalman filtering for two-dimensional systems with multiplicative noises and measurement degradations: The finite-horizon case. Automatica, 2018, 96, 166-177.	3.0	34

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127	Analyzing outliers cautiously. IEEE Transactions on Knowledge and Data Engineering, 2002, 14, 432-437.	4.0	33
128	Identification of Nonlinear Lateral Flow Immunoassay State-Space Models via Particle Filter Approach. IEEE Nanotechnology Magazine, 2012, 11, 321-327.	1.1	33
129	Robust stabilisation for a class of stochastic two-dimensional nonlinear systems with time-varying delays. IET Control Theory and Applications, 2013, 7, 1699-1710.	1.2	33
130	Multi-objective optimisation for regression testing. Information Sciences, 2016, 334-335, 1-16.	4.0	33
131	Monostability and multistability of genetic regulatory networks with different types of regulation functions. Nonlinear Analysis: Real World Applications, 2010, 11, 3170-3185.	0.9	32
132	A Performance Comparison Indicator for Pareto Front Approximations in Many-Objective Optimization. , 2015, , .		32
133	Structural nonparallel support vector machine for pattern recognition. Pattern Recognition, 2016, 60, 296-305.	5.1	32
134	Improved multi-view privileged support vector machine. Neural Networks, 2018, 106, 96-109.	3.3	32
135	Resilient State Estimation for 2-D Time-Varying Systems With Redundant Channels: A Variance-Constrained Approach. IEEE Transactions on Cybernetics, 2019, 49, 2479-2489.	6.2	32
136	Culture versus Policy: More Global Collaboration to Effectively Combat COVID-19. Innovation(China), 2020, 1, 100023.	5.2	32
137	An optimally weighted user- and item-based collaborative filtering approach to predicting baseline data for Friedreich's Ataxia patients. Neurocomputing, 2021, 419, 287-294.	3.5	31
138	Mining students' behavior in web-based learning programs. Expert Systems With Applications, 2009, 36, 3459-3464.	4.4	30
139	Cognitive styles and search engine preferences. Journal of Documentation, 2010, 66, 585-603.	0.9	29
140	Foundations of intelligent knowledge management. Human Systems Management, 2009, 28, 145-161.	0.5	28
141	Sampled-data state estimation for delayed neural networks with Markovian jumping parameters. Nonlinear Dynamics, 2013, 73, 275-284.	2.7	28
142	Improved processing of microarray data using image reconstruction techniques. IEEE Transactions on Nanobioscience, 2003, 2, 176-183.	2.2	27
143	Time Series Modeling of Nano-Gold Immunochromatographic Assay via Expectation Maximization Algorithm. IEEE Transactions on Biomedical Engineering, 2013, 60, 3418-3424.	2.5	27
144	Robust Finite-Horizon Filtering for 2-D Systems With Randomly Varying Sensor Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 220-232.	5.9	27

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145	Recursive state estimation for two-dimensional shift-varying systems with random parameter perturbation and dynamical bias. <i>Automatica</i> , 2020, 112, 108658.	3.0	27
146	Two-stage hybrid feature selection algorithms for diagnosing erythemato-squamous diseases. <i>Health Information Science and Systems</i> , 2013, 1, 10.	3.4	26
147	Evolutionary learning of dynamic probabilistic models with large time lags. <i>International Journal of Intelligent Systems</i> , 2001, 16, 621-645.	3.3	25
148	Adaptive instantiation of the protocol interference model in wireless networked sensing and control. <i>ACM Transactions on Sensor Networks</i> , 2014, 10, 1-48.	2.3	25
149	Nonfragile State Estimation for Recurrent Neural Networks With Time-Varying Delays: On Proportional-Integral Observer Design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3553-3565.	7.2	25
150	Recursive distributed filtering for two-dimensional shift-varying systems over sensor networks under stochastic communication protocols. <i>Automatica</i> , 2020, 115, 108865.	3.0	25
151	Automatic cognitive style identification of digital library users for personalization. <i>Journal of the Association for Information Science and Technology</i> , 2007, 58, 237-251.	2.6	24
152	On Modeling and State Estimation for Genetic Regulatory Networks With Polytopic Uncertainties. <i>IEEE Transactions on Nanobioscience</i> , 2013, 12, 13-20.	2.2	24
153	Event-based input and state estimation for linear discrete time-varying systems. <i>International Journal of Control</i> , 2018, 91, 101-113.	1.2	24
154	A Bayesian network approach to explaining time series with changing structure. <i>Intelligent Data Analysis</i> , 2004, 8, 469-480.	0.4	23
155	Mobile robot localization using robust extended Kalman filtering. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2009, 223, 1067-1080.	0.7	23
156	Retinal blood vessels extraction using probabilistic modelling. <i>Health Information Science and Systems</i> , 2014, 2, 2.	3.4	23
157	Robust filtering for a class of nonlinear stochastic systems with probability constraints. <i>Automation and Remote Control</i> , 2016, 77, 37-54.	0.4	23
158	Combining multiple classifiers for wrapper feature selection. <i>International Journal of Data Mining, Modelling and Management</i> , 2008, 1, 91.	0.1	22
159	Control for 2-D time-delay systems with randomly occurring nonlinearities under sensor saturation and missing measurements. <i>Journal of the Franklin Institute</i> , 2015, 352, 1007-1030.	1.9	22
160	A Variance-Constrained Approach to Recursive Filtering for Nonlinear 2-D Systems With Measurement Degradations. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 1877-1887.	6.2	22
161	An N-State Markovian Jumping Particle Swarm Optimization Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6626-6638.	5.9	22
162	Investigation of the Use of Navigation Tools in Web-Based Learning: A Data Mining Approach. <i>International Journal of Human-Computer Interaction</i> , 2008, 24, 48-67.	3.3	21

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