List of Publications by Year in descending order

277 papers	24,107 citations	5896 81 h-index	7745 150 g-index
281 all docs	281 docs citations	281 times ranked	11807 citing authors

#	Article	IF	Citations
1	A survey of deep neural network architectures and their applications. Neurocomputing, 2017, 234, 11-26.	5.9	2,242
2	A Grid-Based Evolutionary Algorithm for Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2013, 17, 721-736.	10.0	890
3	Shift-Based Density Estimation for Pareto-Based Algorithms in Many-Objective Optimization. IEEE Transactions on Evolutionary Computation, 2014, 18, 348-365.	10.0	773
4	Global exponential stability of generalized recurrent neural networks with discrete and distributed delays. Neural Networks, 2006, 19, 667-675.	5.9	642
5	Robust H_{∞} Control for Networked Systems With Random Packet Losses. IEEE Transactions on Systems, Man, and Cybernetics, 2007, 37, 916-924.	5.0	470
6	Robust H/sub /spl infin// filtering for stochastic time-delay systems with missing measurements. IEEE Transactions on Signal Processing, 2006, 54, 2579-2587.	5.3	458
7	Synchronization and State Estimation for Discrete-Time Complex Networks With Distributed Delays. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 1314-1325.	5.0	444
8	Stability analysis for stochastic Cohen-Grossberg neural networks with mixed time delays. IEEE Transactions on Neural Networks, 2006, 17, 814-820.	4.2	421
9	On global asymptotic stability of neural networks with discrete and distributed delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 345, 299-308.	2.1	402
10	Exponential stability of delayed recurrent neural networks with Markovian jumping parameters. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 356, 346-352.	2.1	393
11	Robust <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub> control for a class of nonlinear discrete time-delay stochastic systems with missing measurements. Automatica, 2009, 45, 684-691.	5.0	387
12	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si17.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></ filtering for uncertain stochastic time-delay systems with sector-bounded nonlinearities. Automatica, 2008, 44, 1268-1277.	5.0	373
13	State Estimation for Delayed Neural Networks. IEEE Transactions on Neural Networks, 2005, 16, 279-284.	4.2	367
14	Stability and Synchronization of Discrete-Time Markovian Jumping Neural Networks With Mixed Mode-Dependent Time Delays. IEEE Transactions on Neural Networks, 2009, 20, 1102-1116.	4.2	324
15	Variance-constrained filtering for uncertain stochastic systems with missing measurements. IEEE Transactions on Automatic Control, 2003, 48, 1254-1258.	5.7	304
16	Evolutionary Multi-Objective Workflow Scheduling in Cloud. IEEE Transactions on Parallel and Distributed Systems, 2016, 27, 1344-1357.	5.6	302
17	State estimation under false data injection attacks: Security analysis and system protection. Automatica, 2018, 87, 176-183.	5.0	300
18	Sampled-Data Synchronization Control of Dynamical Networks With Stochastic Sampling. IEEE Transactions on Automatic Control, 2012, 57, 2644-2650.	5.7	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.	4.2	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.	2.2	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.	5.7	256
22	\<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" display="inline" overflow="scroll"\>\<mml:msub\>\<mml:mrow\>\<mml:mi\>H\</mml:mi\>\</mml:mrow\>\<mml:mrow\>\<mml:mi\>âˇ\</mml:mi\>\</mml:mrow\>\</m filtering with randomly occurring sensor saturations and missing measurements. Automatica, 2012, 48, 556-562.	5.0	255
23	Examining the moderating effect of individual-level cultural values on usersâ€™ acceptance of E-learning in developing countries: a structural equation modeling of an extended technology acceptance model. Interactive Learning Environments, 2017, 25, 306-328.	6.4	251
24	Bi-goal evolution for many-objective optimization problems. Artificial Intelligence, 2015, 228, 45-65.	5.8	239
25	Real-time traffic sign recognition from video by class-specific discriminative features. Pattern Recognition, 2010, 43, 416-430.	8.1	234
26	State estimation for jumping recurrent neural networks with discrete and distributed delays. Neural Networks, 2009, 22, 41-48.	5.9	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.	2.1	218
28	Pareto or Non-Pareto: Bi-Criterion Evolution in Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2016, 20, 645-665.	10.0	217
29	A review on transfer learning in EEG signal analysis. Neurocomputing, 2021, 421, 1-14.	5.9	213
30	Nonparallel Support Vector Machines for Pattern Classification. IEEE Transactions on Cybernetics, 2014, 44, 1067-1079.	9.5	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.	9.5	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.	4.2	202
33	Robust stability analysis of generalized neural networks with discrete and distributed time delays. Chaos, Solitons and Fractals, 2006, 30, 886-896.	5.1	201
34	Robust stability for stochastic Hopfield neural networks with time delays. Nonlinear Analysis: Real World Applications, 2006, 7, 1119-1128.	1.7	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.	11.3	189
36	Diversity Comparison of Pareto Front Approximations in Many-Objective Optimization. IEEE Transactions on Cybernetics, 2014, 44, 2568-2584.	9.5	182

#	Article	IF	Citations
37	Robust Synchronization of an Array of Coupled Stochastic Discrete-Time Delayed Neural Networks. IEEE Transactions on Neural Networks, 2008, 19, 1910-1921.	4.2	180
38	Exponential stability of uncertain stochastic neural networks with mixed time-delays. Chaos, Solitons and Fractals, 2007, 32, 62-72.	5.1	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.	8.5	178
40	Robust finite-horizon filtering for stochastic systems with missing measurements. IEEE Signal Processing Letters, 2005, 12, 437-440.	3.6	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.	5.5	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.	2.9	171
43	Segmentation of the Blood Vessels and Optic Disk in Retinal Images. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1874-1886.	6.3	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.	5.0	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.	2.1	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.	9.5	162
47	A Novel Sigmoid-Function-Based Adaptive Weighted Particle Swarm Optimizer. IEEE Transactions on Cybernetics, 2021, 51, 1085-1093.	9.5	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.	5.4	155
49	<inline-formula> <tex-math notation="LaTeX">H_{∞} </tex-math> </inline-formula> 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.	11.3	154
50	Machine Learning with Applications in Breast Cancer Diagnosis and Prognosis. Designs, 2018, 2, 13.	2.4	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.	4.2	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.	2.1	146
53	Evolutionary Algorithms With Segment-Based Search for Multiobjective Optimization Problems. IEEE Transactions on Cybernetics, 2014, 44, 1295-1313.	9.5	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.	2.1	142

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55	Asymptotic stability for neural networks with mixed time-delays: The discrete-time case. Neural Networks, 2009, 22, 67-74.	5.9	141
56	A crossâ€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. British Journal of Educational Technology, 2015, 46, 739-755.	6.3	141
57	An Improved Particle Filter With a Novel Hybrid Proposal Distribution for Quantitative Analysis of Gold Immunochromatographic Strips. IEEE Nanotechnology Magazine, 2019, 18, 819-829.	2.0	140
58	Image-Based Quantitative Analysis of Gold Immunochromatographic Strip via Cellular Neural Network Approach. IEEE Transactions on Medical Imaging, 2014, 33, 1129-1136.	8.9	138
59	Communication-protocol-based analysis and synthesis of networked systems: progress, prospects and challenges. International Journal of Systems Science, 2021, 52, 3013-3034.	5.5	134
60	RECENT ADVANCES ON SUPPORT VECTOR MACHINES RESEARCH. Technological and Economic Development of Economy, 2012, 18, 5-33.	4.6	133
61	Filtering for Nonlinear Genetic Regulatory Networks With Stochastic Disturbances. IEEE Transactions on Automatic Control, 2008, 53, 2448-2457.	5.7	132
62	On Delayed Genetic Regulatory Networks With Polytopic Uncertainties: Robust Stability Analysis. IEEE Transactions on Nanobioscience, 2008, 7, 154-163.	3.3	125
63	State estimation for discrete-time Markovian jumping neural networks with mixed mode-dependent delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 7147-7155.	2.1	124
64	Global stability of stochastic high-order neural networks with discrete and distributed delays. Chaos, Solitons and Fractals, 2008, 36, 388-396.	5.1	124
65	Consensus clustering and functional interpretation of gene-expression data. Genome Biology, 2004, 5, R94.	9.6	122
66	A Weighted Sum Validity Function for Clustering With a Hybrid Niching Genetic Algorithm. IEEE Transactions on Systems, Man, and Cybernetics, 2005, 35, 1156-1167.	5.0	121
67	Robust stability of discrete-time stochastic neural networks with time-varying delays. Neurocomputing, 2008, 71, 823-833.	5.9	120
68	A note on control of a class of discrete-time stochastic systems with distributed delays and nonlinear disturbances. Automatica, 2010, 46, 543-548.	5.0	119
69	An Extended Kalman Filtering Approach to Modeling Nonlinear Dynamic Gene Regulatory Networks via Short Gene Expression Time Series. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2009, 6, 410-419.	3.0	118
70	Stability analysis for a class of neutral-type neural networks with Markovian jumping parameters and mode-dependent mixed delays. Neurocomputing, 2012, 94, 46-53.	5.9	114
71	On global exponential stability of generalized stochastic neural networks with mixed time-delays. Neurocomputing, 2006, 70, 314-326.	5.9	111
72	A Novel Particle Swarm Optimization Approach for Patient Clustering From Emergency Departments. IEEE Transactions on Evolutionary Computation, 2019, 23, 632-644.	10.0	110

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73	Exponential synchronization of stochastic delayed discrete-time complex networks. Nonlinear Dynamics, 2008, 53, 153-165.	5.2	108
74	Event-Triggered H_∞ State Estimation for Delayed Stochastic Memristive Neural Networks With Missing Measurements: The Discrete Time Case. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 3726-3737.	11.3	102
75	A Hybrid EKF and Switching PSO Algorithm for Joint State and Parameter Estimation of Lateral Flow Immunoassay Models. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 321-329.	3.0	100
76	Deep-reinforcement-learning-based images segmentation for quantitative analysis of gold immunochromatographic strip. Neurocomputing, 2021, 425, 173-180.	5.9	100
77	A Small-Sized Object Detection Oriented Multi-Scale Feature Fusion Approach With Application to Defect Detection. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-14.	4.7	96
78	Set-Membership Filtering Subject to Impulsive Measurement Outliers: A Recursive Algorithm. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 377-388.	13.1	93
79	State estimation for two€dimensional complex networks with randomly occurring nonlinearities and randomly varying sensor‰delays. International Journal of Robust and Nonlinear Control, 2014, 24, 18-38.	3.7	89
80	Robust state estimation for discrete-time stochastic neural networks with probabilistic measurement delays. Neurocomputing, 2010, 74, 256-264.	5.9	85
81	State Estimation for Discrete Time-Delayed Genetic Regulatory Networks With Stochastic Noises Under the Round-Robin Protocols. IEEE Transactions on Nanobioscience, 2018, 17, 145-154.	3.3	84
82	SIP. ACM Transactions on Software Engineering and Methodology, 2016, 25, 1-39.	6.0	81
83	Factors Affecting Students' Acceptance of e-Learning Environments in Developing Countries:A Structural Equation Modeling Approach. International Journal of Information and Education Technology, 2013, , 54-59.	1.2	80
84	On Passivity and Passification of Stochastic Fuzzy Systems With Delays: The Discrete-Time Case. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 964-969.	5.0	76
85	Nonlinear filtering for state delayed systems with markovian switching. IEEE Transactions on Signal Processing, 2003, 51, 2321-2328.	5.3	75
86	An Integrated Approach to Global Synchronization and State Estimation for Nonlinear Singularly Perturbed Complex Networks. IEEE Transactions on Cybernetics, 2015, 45, 1597-1609.	9.5	73
87	User Acceptance Towards Web-based Learning Systems: Investigating the Role of Social, Organizational and Individual Factors in European Higher Education. Procedia Computer Science, 2013, 17, 189-197.	2.0	71
88	ETEA: A Euclidean Minimum Spanning Tree-Based Evolutionary Algorithm for Multi-Objective Optimization. Evolutionary Computation, 2014, 22, 189-230.	3.0	71
89	Filtering for a class of nonlinear discrete-time stochastic systems with state delays. Journal of Computational and Applied Mathematics, 2007, 201, 153-163.	2.0	70
90	Robust Filtering With Randomly Varying Sensor Delay: The Finite-Horizon Case. IEEE Transactions on Circuits and Systems I: Regular Papers, 2009, 56, 664-672.	5.4	67

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91	A novel randomised particle swarm optimizer. International Journal of Machine Learning and Cybernetics, 2021, 12, 529-540.	3.6	67
92	Stochastic Dynamic Modeling of Short Gene Expression Time-Series Data. IEEE Transactions on Nanobioscience, 2008, 7, 44-55.	3.3	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.	3.7	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.	2.9	60
95	Robust Synchronization for 2-D Discrete-Time Coupled Dynamical Networks. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 942-953.	11.3	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.	5.2	57
97	The contribution of data mining to information science. Journal of Information Science, 2004, 30, 550-558.	3.3	56
98	Robust passivity and passification of stochastic fuzzy time-delay systems. Information Sciences, 2010, 180, 1725-1737.	6.9	56
99	Sampled-data H_∞ filtering for stochastic genetic regulatory networks. International Journal of Robust and Nonlinear Control, 2011, 21, 1759-1777.	3.7	56
100	Robust filtering for stochastic genetic regulatory networks with time-varying delay. Mathematical Biosciences, 2009, 220, 73-80.	1.9	55
101	Multiline Distance Minimization: A Visualized Many-Objective Test Problem Suite. IEEE Transactions on Evolutionary Computation, 2018, 22, 61-78.	10.0	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.	5.1	54
103	Robust H_∞ filtering for discrete nonlinear stochastic systems with time-varying delay. Journal of Mathematical Analysis and Applications, 2008, 341, 318-336.	1.0	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.	3.5	53
105	A spatio-temporal Bayesian network classifier for understanding visual field deterioration. Artificial Intelligence in Medicine, 2005, 34, 163-177.	6.5	52
106	An Overview of Recommendation Techniques and Their Applications in Healthcare. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 701-717.	13.1	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.	5.2	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.	5.7	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.	17.5	51
110	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0001.gif" overflow="scroll"><mml:mrow><mml:mi mathvariant="script">H</mml:mi></mml:mrow></mml:math>âˆž state estimation for discrete-time delayed neural networks with randomly occurring quantizations and missing measurements. Neurocomputing, 2015, 148, 388-396.	5.9	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.	5.4	49
112	Extending twin support vector machine classifier for multi-category classification problems. Intelligent Data Analysis, 2013, 17, 649-664.	0.9	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.	4.2	46
114	Finite-horizon H_∞ filtering for time-varying delay systems with randomly varying nonlinearities and sensor saturations. Systems Science and Control Engineering, 2014, 2, 108-118.	3.1	45
115	A Comparative Study on Evolutionary Algorithms for Many-Objective Optimization. Lecture Notes in Computer Science, 2013, , 261-275.	1.3	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.	3.8	43
117	Robust H/sub 2/ filtering for a class of systems with stochastic nonlinearities. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 235-239.	2.2	41
118	Robust H_∞ control for a class of nonlinear stochastic systems with mixed time delay. International Journal of Robust and Nonlinear Control, 2007, 17, 1525-1551.	3.7	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.	2.6	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.	3.6	39
121	On synchronization of coupled neural networks with discrete and unbounded distributed delays. International Journal of Computer Mathematics, 2008, 85, 1299-1313.	1.8	36
122	Mining students' learning patterns and performance in Web-based instruction: a cognitive style approach. Interactive Learning Environments, 2011, 19, 179-192.	6.4	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.	3.6	35
124	Investigation of behavior and perception of digital library users: A cognitive style perspective. International Journal of Information Management, 2008, 28, 355-365.	17.5	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.	11.3	34
126	Robust Kalman filtering for two-dimensional systems with multiplicative noises and measurement degradations: The finite-horizon case. Automatica, 2018, 96, 166-177.	5.0	34

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127	Analyzing outliers cautiously. IEEE Transactions on Knowledge and Data Engineering, 2002, 14, 432-437.	5.7	33
128	Identification of Nonlinear Lateral Flow Immunoassay State-Space Models via Particle Filter Approach. IEEE Nanotechnology Magazine, 2012, 11, 321-327.	2.0	33
129	Robust stabilisation for a class of stochastic two-dimensional non-linear systems with time-varying delays. IET Control Theory and Applications, 2013, 7, 1699-1710.	2.1	33
130	Multi-objective optimisation for regression testing. Information Sciences, 2016, 334-335, 1-16.	6.9	33
131	Monostability and multistability of genetic regulatory networks with different types of regulation functions. Nonlinear Analysis: Real World Applications, 2010, 11, 3170-3185.	1.7	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.	8.1	32
134	Improved multi-view privileged support vector machine. Neural Networks, 2018, 106, 96-109.	5.9	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.	9.5	32
136	Culture versus Policy: More Global Collaboration to Effectively Combat COVID-19. Innovation(China), 2020, 1, 100023.	9.1	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.	5.9	31
138	Mining students' behavior in web-based learning programs. Expert Systems With Applications, 2009, 36, 3459-3464.	7.6	30
139	Cognitive styles and search engine preferences. Journal of Documentation, 2010, 66, 585-603.	1.6	29
140	Foundations of intelligent knowledge management. Human Systems Management, 2009, 28, 145-161.	1.1	28
141	Sampled-data state estimation for delayed neural networks with Markovian jumping parameters. Nonlinear Dynamics, 2013, 73, 275-284.	5.2	28
142	Improved processing of microarray data using image reconstruction techniques. IEEE Transactions on Nanobioscience, 2003, 2, 176-183.	3.3	27
143	Time Series Modeling of Nano-Gold Immunochromatographic Assay via Expectation Maximization Algorithm. IEEE Transactions on Biomedical Engineering, 2013, 60, 3418-3424.	4.2	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.	9.3	27

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145	Recursive state estimation for two-dimensional shift-varying systems with random parameter perturbation and dynamical bias. Automatica, 2020, 112, 108658.	5.0	27
146	Two-stage hybrid feature selection algorithms for diagnosing erythemato-squamous diseases. Health Information Science and Systems, 2013, 1, 10.	5.2	26
147	Evolutionary learning of dynamic probabilistic models with large time lags. International Journal of Intelligent Systems, 2001, 16, 621-645.	5.7	25
148	Adaptive instantiation of the protocol interference model in wireless networked sensing and control. ACM Transactions on Sensor Networks, 2014, 10, 1-48.	3.6	25
149	Nonfragile H_∞ State Estimation for Recurrent Neural Networks With Time-Varying Delays: On Proportional–Integral Observer Design. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3553-3565.	11.3	25
150	Recursive distributed filtering for two-dimensional shift-varying systems over sensor networks under stochastic communication protocols. Automatica, 2020, 115, 108865.	5.0	25
151	Automatic cognitive style identification of digital library users for personalization. Journal of the Association for Information Science and Technology, 2007, 58, 237-251.	2.6	24
152	On Modeling and State Estimation for Genetic Regulatory Networks With Polytopic Uncertainties. IEEE Transactions on Nanobioscience, 2013, 12, 13-20.	3.3	24
153	Event-based input and state estimation for linear discrete time-varying systems. International Journal of Control, 2018, 91, 101-113.	1.9	24
154	A Bayesian network approach to explaining time series with changing structure. Intelligent Data Analysis, 2004, 8, 469-480.	0.9	23
155	Mobile robot localization using robust extended H_∞ filtering. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2009, 223, 1067-1080.	1.0	23
156	Retinal blood vessels extraction using probabilistic modelling. Health Information Science and Systems, 2014, 2, 2.	5.2	23
157	Robust filtering for a class of nonlinear stochastic systems with probability constraints. Automation and Remote Control, 2016, 77, 37-54.	0.8	23
158	Combining multiple classifiers for wrapper feature selection. International Journal of Data Mining, Modelling and Management, 2008, 1, 91.	0.1	22
159	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si0006.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>∞</mml:mo></mml:mrow> control for 2-D time-delay systems with randomly occurring nonlinearities under sensor saturation and missing measurements. Journal of the Franklin Institute, 2015, 352, 1007-1030.	3.4	22
160	A Variance-Constrained Approach to Recursive Filtering for Nonlinear 2-D Systems With Measurement Degradations. IEEE Transactions on Cybernetics, 2018, 48, 1877-1887.	9.5	22
161	An N-State Markovian Jumping Particle Swarm Optimization Algorithm. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6626-6638.	9.3	22
162	Investigation of the Use of Navigation Tools in Web-Based Learning: A Data Mining Approach. International Journal of Human-Computer Interaction, 2008, 24, 48-67.	4.8	21

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163	GLOBAL SYNCHRONIZATION IN AN ARRAY OF DISCRETE-TIME NEURAL NETWORKS WITH NONLINEAR COUPLING AND TIME-VARYING DELAYS. International Journal of Neural Systems, 2009, 19, 57-63.	5.2	21
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