Mahdi Jalili

List of Publications by Year
in descending order

197 papers	5,004 citations	76322 40 h-index	128286 60 g-index
197 all docs	197 docs citations	197 times ranked	4711 citing authors

#	Article	IF	Citations
1	Hybrid Recommender Systems based on Content Feature Relationship. IEEE Transactions on Industrial Informatics, 2024, , 1-1.	11.3	44
2	Learning Graph Representations With Maximal Cliques. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1089-1096.	11.3	6
3	Ensemble Classification Model for EV Identification From Smart Meter Recordings. IEEE Transactions on Industrial Informatics, 2023, 19, 3274-3283.	11.3	4
4	Transactive Coordination of Electric Vehicles With Voltage Control in Distribution Networks. IEEE Transactions on Sustainable Energy, 2022, 13, 391-402.	8.8	25
5	Alleviating data sparsity problem in time-aware recommender systems using a reliable rating profile enrichment approach. Expert Systems With Applications, 2022, 187, 115849.	7.6	41
6	Impact of battery storage on residential energy consumption: An Australian case study based on smart meter data. Renewable Energy, 2022, 182, 390-400.	8.9	33
7	A deep learning based trust- and tag-aware recommender system. Neurocomputing, 2022, 488, 557-571.	5.9	43
8	Adaptive Wide-Area Control of Power Systems Through Dynamic Load Modulating SVCs. IEEE Access, 2022, 10, 22980-22996.	4.2	2
9	Analysis and control of complex cyberâ€physical networks. Asian Journal of Control, 2022, 24, 495-497.	3.0	1
10	Improved recommender systems by denoising ratings in highly sparse datasets through individual rating confidence. Information Sciences, 2022, 601, 242-254.	6.9	9
11	Overlapping community detection in networks based on Neutrosophic theory. Physica A: Statistical Mechanics and Its Applications, 2022, 598, 127359.	2.6	3
12	Resilient Model Predictive Adaptive Control of Networked Z-Source Inverters Using GMDH. IEEE Transactions on Smart Grid, 2022, 13, 3723-3734.	9.0	6
13	Optimization of Communication Network Topology in Distributed Control Systems Subject to Prescribed Decay Rate. IEEE Transactions on Cybernetics, 2021, 51, 4277-4285.	9.5	5
14	A Novel Clustering Index to Find Optimal Clusters Size With Application to Segmentation of Energy Consumers. IEEE Transactions on Industrial Informatics, 2021, 17, 346-355.	11.3	19
15	A hybrid method of link prediction in directed graphs. Expert Systems With Applications, 2021, 165, 113896.	7.6	31
16	Detection of Community Structures in Networks With Nodal Features based on Generative Probabilistic Approach. IEEE Transactions on Knowledge and Data Engineering, 2021, 33, 2863-2874.	5.7	11
17	Collaborative Deep Forest Learning for Recommender Systems. IEEE Access, 2021, 9, 22053-22061.	4.2	12
18	Power Grids as Complex Networks: Resilience and Reliability Analysis. IEEE Access, 2021, 9, 119010-119031.	4.2	30

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19	Percolation of heterogeneous flows uncovers the bottlenecks of infrastructure networks. Nature Communications, 2021, 12, 1254.	12.8	47
20	Automated extraction of origin-destination demand for public transportation from smartcard data with pattern recognition. Transportation Research Part C: Emerging Technologies, 2021, 129, 103210.	7.6	6
21	Cascade Adaptive MPC with Type 2 Fuzzy System for Safety and Energy Management in Autonomous Vehicles: A Sustainable Approach for Future of Transportation. Sustainability, 2021, 13, 10113.	3.2	6
22	A probabilistic graph-based method to solve precision-diversity dilemma in recommender systems. Expert Systems With Applications, 2021, 184, 115485.	7.6	4
23	Multi-day Residential EV Charging Strategy Using Reinforcement Learning. , 2021, , .		3
24	Demand Response Scheme for Distribution Transformer Load Relieving using Smart-Meter Data. , 2021, , .		1
25	Participation of Community-Scale Battery Energy Storage in Power System Frequency Regulation. , 2021, , .		1
26	A Comparative Analysis of Centralised vs. Distributed Battery Energy Storage System in Providing Frequency Regulation. , 2021, , .		1
27	Robust Second-Order Consensus Using a Fixed-Time Convergent Sliding Surface in Multiagent Systems. IEEE Transactions on Cybernetics, 2020, 50, 846-855.	9.5	37
28	Designing Observer-Type Controller for Containment of Discrete-Time Linear MASs Over Signed Graph. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 511-515.	3.0	14
29	Identification of influential users in social network using gray wolf optimization algorithm. Expert Systems With Applications, 2020, 142, 112971.	7.6	86
30	A social recommender system based on reliable implicit relationships. Knowledge-Based Systems, 2020, 192, 105371.	7.1	63
31	Activation of Functional Brain Networks in Children With Psychogenic Non-epileptic Seizures. Frontiers in Human Neuroscience, 2020, 14, 339.	2.0	21
32	Improved Collaborative Filtering Recommendation Through Similarity Prediction. IEEE Access, 2020, 8, 202122-202132.	4.2	10
33	Topological Deep Network Embedding. , 2020, , .		1
34	A Novel Hybrid Machine Learning Algorithm for Limited and Big Data Modeling With Application in Industry 4.0. IEEE Access, 2020, 8, 111381-111393.	4.2	32
35	A multi-objective genetic algorithm for text feature selection using the relative discriminative criterion. Expert Systems With Applications, 2020, 149, 113276.	7.6	33
36	Distributed Rigidity Recovery in Distance-Based Formations Using Configuration Lattice. IEEE Transactions on Control of Network Systems, 2020, 7, 1547-1558.	3.7	6

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37	Finding influential nodes in social networks based on neighborhood correlation coefficient. Knowledge-Based Systems, 2020, 194, 105580.	7.1	71
38	Target controllability with minimal mediators in complex biological networks. Genomics, 2020, 112, 4938-4944.	2.9	6
39	Appropriate time to apply control input to complex dynamical systems. Scientific Reports, 2020, 10, 22035.	3.3	2
40	A Community Detection Method Based on the Subspace Similarity of Nodes in Complex Networks. Lecture Notes on Data Engineering and Communications Technologies, 2020, , 105-120.	0.7	0
41	A Supercapacitor-based Inertial Response Scheme to Enhance Frequency Stability in Future Energy Systems with Large Wind Parks. , 2020, , .		0
42	A Global Optimization Approach Based on Opinion Formation in Complex Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 173-187.	6.4	6
43	Fractional PI pinning synchronization of fractional complex dynamical networks. Journal of Computational and Applied Mathematics, 2019, 347, 357-368.	2.0	8
44	A Novel Mixed Cascade Finite-Time Switching Control Design for Induction Motor. IEEE Transactions on Industrial Electronics, 2019, 66, 1172-1181.	7.9	30
45	Application of hyperbolic geometry in link prediction of multiplex networks. Scientific Reports, 2019, 9, 12604.	3.3	27
46	A Non-singular Terminal Recursive Surface Structure Design for Higher-order Systems. , 2019, , .		0
47	A Probabilistic Graph-Based Method to Improve Recommender System Accuracy. Communications in Computer and Information Science, 2019, , 151-163.	0.5	2
48	Link prediction in multiplex networks based on interlayer similarity. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 120978.	2.6	45
49	Application of Deep Learning Long Short-Term Memory in Energy Demand Forecasting. Communications in Computer and Information Science, 2019, , 31-42.	0.5	8
50	TSS: Temporal similarity search measure for heterogeneous information networks. Physica A: Statistical Mechanics and Its Applications, 2019, 524, 696-707.	2.6	2
51	Identification of influential users in social networks based on users' interest. Information Sciences, 2019, 493, 217-231.	6.9	75
52	Discovering spurious links in multiplex networks based on interlayer relevance. Journal of Complex Networks, 2019, 7, 641-658.	1.8	19
53	SCE: Subspace-based core expansion method for community detection in complex networks. Physica A: Statistical Mechanics and Its Applications, 2019, 527, 121084.	2.6	13
54	Effects of partial time delays on synchronization patterns in Izhikevich neuronal networks. European Physical Journal B, 2019, 92, 1.	1.5	50

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55	Measurement-Based Identification of System Load Models for Low-Frequency Dynamics. , 2019, , .		2
56	Damping Control of Low-Frequency Oscillations through Adaptive Wide-Area Controlled SVCs. , 2019, , .		1
57	Optimization of synchronizability in complex spatial networks. Physica A: Statistical Mechanics and Its Applications, 2019, 514, 46-55.	2.6	5
58	A new chaotic network model for epilepsy. Applied Mathematics and Computation, 2019, 346, 395-407.	2.2	12
59	Influential node ranking in social networks based on neighborhood diversity. Future Generation Computer Systems, 2019, 94, 120-129.	7.5	63
60	QANet: Tensor Decomposition Approach for Query-Based Anomaly Detection in Heterogeneous Information Networks. IEEE Transactions on Knowledge and Data Engineering, 2019, 31, 2178-2189.	5.7	12
61	A New Temporal Recommendation System based on Usersâ€™ Similarity Prediction. , 2019, , .		1
62	A novel multivariate filter method for feature selection in text classification problems. Engineering Applications of Artificial Intelligence, 2018, 70, 25-37.	8.1	160
63	Arbitrary-Order Continuous Finite-Time Sliding Mode Controller for Fixed-Time Convergence. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1988-1992.	3.0	35
64	Network biology: Describing biological systems by complex networks. Physics of Life Reviews, 2018, 24, 159-161.	2.8	6
65	Effective augmentation of networked systems and enhancing pinning controllability. Physica A: Statistical Mechanics and Its Applications, 2018, 500, 155-161.	2.6	3
66	Discovering the structure of cascade propagation in power grids. , 2018, , .		0
67	TCARS: Time- and Community-Aware Recommendation System. Future Generation Computer Systems, 2018, 78, 419-429.	7.5	83
68	Correlation of cascade failures and centrality measures in complex networks. Future Generation Computer Systems, 2018, 83, 390-400.	7.5	51
69	An opinion formation based binary optimization approach for feature selection. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 142-152.	2.6	12
70	PI Pinning Control with Fractional order for Complex Dynamical Network Synchronization. , 2018, , .		0
71	Evaluating Collaborative Filtering Recommender Algorithms: A Survey. IEEE Access, 2018, 6, 74003-74024.	4.2	128
72	Recursive surface structure for fixedâ€time convergence with applications to power systems. IET Control Theory and Applications, 2018, 12, 2595-2604.	2.1	9

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73	Demand Response Planning Tool using Markov Decision Process. , 2018, , .		3
74	Controllability of complex networks: Choosing the best driver set. Physical Review E, 2018, 98, .	2.1	12
75	A Temporal Clustering Approach for Social Recommender Systems. , 2018, , .		32
76	AN NMF-Based Community Detection Method Regularized with Local and Global Information. , 2018, , .		3
77	A fuzzy logic based estimator for respondent driven sampling of complex networks. Physica A: Statistical Mechanics and Its Applications, 2018, 510, 42-51.	2.6	0
78	Information Spread and Topic Diffusion in Heterogeneous Information Networks. Scientific Reports, 2018, 8, 9549.	3.3	11
79	Influence of network-based structural and power diversity on research performance. Scientometrics, 2018, 117, 579-590.	3.0	5
80	Improving exploration property of velocity-based artificial bee colony algorithm using chaotic systems. Information Sciences, 2018, 465, 130-143.	6.9	12
81	Precision Position Tracking for Piezoelectric-Driven Motion System Using Continuous Third-Order Sliding Mode Control. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1521-1531.	5.8	77
82	A New Metric to Find the Most Vulnerable Node in Complex Networks. , 2018, , .		4
83	Robust Pinning Synchronization of Complex Network with Non-linear Coupling using Switching Control. , 2018, , .		0
84	Enhancing response coordination through the assessment of response network structural dynamics. PLoS ONE, 2018, 13, e0191130.	2.5	15
85	Directed Functional Networks in Alzheimer's Disease: Disruption of Global and Local Connectivity Measures. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 949-955.	6.3	58
86	Enhancing Pinning Controllability of Complex Networks Through Link Rewiring. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 690-694.	3.0	13
87	Link prediction in multiplex online social networks. Royal Society Open Science, 2017, 4, 160863.	2.4	126
88	Sign prediction in social networks based on tendency rate of equivalent micro-structures. Neurocomputing, 2017, 257, 175-184.	5.9	21
89	Which Generation Unit Should be Selected as Control Leader in Secondary Frequency Control of Microgrids?. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2017, 7, 393-402.	3.6	15
90	Voltage Control in Distributed Generation Systems Based on Complex Network Approach. Energy Procedia, 2017, 110, 334-339.	1.8	5

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91	Cooperative secondary frequency control of distributed generation: The role of data communication network topology. International Journal of Electrical Power and Energy Systems, 2017, 92, 221-229.	5.5	13
92	Inference of Hidden Social Power Through Opinion Formation in Complex Networks. IEEE Transactions on Network Science and Engineering, 2017, 4, 154-164.	6.4	12
93	Shortest Paths in Multiplex Networks. Scientific Reports, 2017, 7, 2142.	3.3	13
94	A trust-aware recommendation method based on Pareto dominance and confidence concepts. Knowledge-Based Systems, 2017, 116, 130-143.	7.1	79
95	Graph theoretical analysis of Alzheimer's disease: Discrimination of AD patients from healthy subjects. Information Sciences, 2017, 384, 145-156.	6.9	49
96	Spike phase synchronization in multiplex cortical neural networks. Physica A: Statistical Mechanics and Its Applications, 2017, 466, 325-333.	2.6	10
97	Finding the Most Influential Nodes in Pinning Controllability of Complex Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 685-689.	3.0	35
98	Selective load reduction in power grids in order to minimise the effects of cascade failures. , 2017, , .		3
99	Fixed-time Converging Terminal Surface with Non-singular Control Design for Second-order Systems. IFAC-PapersOnLine, 2017, 50, 5139-5143.	0.9	3
100	Cascade PI-continuous second-order sliding mode control for induction motor. , 2017, , .		1
101	An Evolutionary Based Multi-Objective Filter Approach for Feature Selection. , 2017, , .		7
102	Performance recovery of undirected formations subject to failures in communication links. , 2017, , .		1
103	Statistical Link Label Modeling for Sign Prediction: Smoothing Sparsity by Joining Local and Global Information. , 2017, , .		11
104	Effect of disconnection of generation units on the rate of change of frequency in distributed power systems. , 2017, , .		3
105	Enhancing stability of cooperative secondary frequency control by link rewiring. , 2017, , .		2
106	A new class of generalized continuous robust control algorithm for arbitrary order systems. , 2016, , .		5
107	Analysis of cascaded failures in power networks using maximum flow based complex network approach. , 2016, , .		9
108	Roles of node dynamics and data network structure on cooperative secondary control of distributed power grids. , 2016, , .		7

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109	A new metric for measuring influence of nodes in cooperative frequency control of distributed generation systems. , 2016, , .		6
110	A novel optimization method based on opinion formation in complex networks. , 2016, , .		1
111	A trust-aware recommender algorithm based on users overlapping community structure. , 2016, , .		19
112	Sign prediction in social networks based on users reputation and optimism. Social Network Analysis and Mining, 2016, 6, 1.	2.8	11
113	Optimizing Dynamical Network Structure for Pinning Control. Scientific Reports, 2016, 6, 24252.	3.3	25
114	Functional Brain Networks: Does the Choice of Dependency Estimator and Binarization Method Matter?. Scientific Reports, 2016, 6, 29780.	3.3	80
115	Enhancement of Synchronizability in Networks with Community Structure through Adding Efficient Inter-Community Links. IEEE Transactions on Network Science and Engineering, 2016, 3, 106-116.	6.4	22
116	Recommender Systems for Social Networks Analysis and Mining: Precision Versus Diversity. Understanding Complex Systems, 2016, , 423-438.	0.6	5
117	Community Detection in Signed Networks: the Role of Negative ties in Different Scales. Scientific Reports, 2015, 5, 14339.	3.3	54
118	Resiliency of cortical neural networks against cascaded failures. NeuroReport, 2015, 26, 718-722.	1.2	3
119	Prediction of Iran's annual electricity demand: Artificial intelligence approaches. , 2015, , .		1
120	Coevolution of opinion formation and network dynamics in complex networked systems. , 2015, , .		3
121	Accurate and Novel Recommendations. ACM Transactions on Intelligent Systems and Technology, 2015, 5, 1-20.	4.5	13
122	Influence maximization of informed agents in social networks. Applied Mathematics and Computation, 2015, 254, 229-239.	2.2	37
123	A Time-Aware Recommender System Based on Dependency Network of Items. Computer Journal, 2015, 58, 1955-1966.	2.4	18
124	Optimal pinning controllability of complex networks: Dependence on network structure. Physical Review E, 2015, 91, 012803.	2.1	44
125	An imputation-based matrix factorization method for improving accuracy of collaborative filtering systems. Engineering Applications of Artificial Intelligence, 2015, 46, 58-66.	8.1	65
126	Purchase Prediction and Item Suggestion based on HTTP sessions in absence of User Information. , 2015, , .		2

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127	Multivariate Synchronization Analysis of Brain Electroencephalography Signals: A Review of Two Methods. Cognitive Computation, 2015, 7, 3-10.	5.2	8
128	A probabilistic model to resolve diversityâ€"accuracy challenge of recommendation systems. Knowledge and Information Systems, 2015, 44, 609-627.	3.2	63
129	Resiliency of EEG-Based Brain Functional Networks. PLoS ONE, 2015, 10, e0135333.	2.5	6
130	EEG-based functional brain networks: Hemispheric differences in males and females. Networks and Heterogeneous Media, 2015, 10, 223-232.	1.1	5
131	Connectedness of usersâ€"items networks and recommender systems. Applied Mathematics and Computation, 2014, 243, 578-584.	2.2	14
132	Structural covariance of superficial white matter in mild Alzheimer's disease compared to normal aging. Brain and Behavior, 2014, 4, 721-737.	2.2	25
133	Mesoscopic analysis of online social networks: The role of negative ties. Physical Review E, 2014, 90, 042817.	2.1	27
134	Recommender systems based on collaborative filtering and resource allocation. Social Network Analysis and Mining, 2014, 4, 1.	2.8	32
135	Hemispheric asymmetry of electroencephalography-based functional brain networks. NeuroReport, 2014, 25, 1266-1271.	1.2	10
136	Enhancing precision of Markov-based recommenders using location information. , 2014, , .		4
137	Ranking Nodes in Signed Social Networks. Social Network Analysis and Mining, 2014, 4, 1.	2.8	54
138	Topology and vulnerability of the Iranian power grid. Physica A: Statistical Mechanics and Its Applications, 2014, 406, 24-33.	2.6	35
139	Synchronization of EEG: Bivariate and Multivariate Measures. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2014, 22, 212-221.	4.9	38
140	Community Structure and Information Cascade in Signed Networks. New Generation Computing, 2014, 32, 257-269.	3.3	14
141	Nationwide Prediction of Drought Conditions in Iran Based on Remote Sensing Data. IEEE Transactions on Computers, 2014, 63, 90-101.	3.4	27
142	Cluster-Based Collaborative Filtering for Sign Prediction in Social Networks with Positive and Negative Links. ACM Transactions on Intelligent Systems and Technology, 2014, 5, 1-19.	4.5	378
143	Revenue maximization in social networks through discounting. Social Network Analysis and Mining, 2013, 3, 1249-1262.	2.8	15
144	Diagnosis of Early Alzheimer's Disease Based on EEG Source Localization and a Standardized Realistic Head Model. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 1039-1045.	6.3	37

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145	Optimization of echo state networks for drought prediction based on remote sensing data. , 2013, , .		4
146	Normalized Similarity Index: An adjusted index to prioritize article citations. Journal of Informetrics, 2013, 7, 91-98.	2.9	12
147	Discovering dominant pathways and signal–response relationships in signaling networks through nonparametric approaches. Genomics, 2013, 102, 195-201.	2.9	6
148	Enhancing Synchronizability of Diffusively Coupled Dynamical Networks: A Survey. IEEE Transactions on Neural Networks and Learning Systems, 2013, 24, 1009-1022.	11.3	50
149	Social power and opinion formation in complex networks. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 959-966.	2.6	113
150	Effects of leaders and social power on opinion formation in complex networks. Simulation, 2013, 89, 578-588.	1.8	27
151	Growing highly synchronizable scale-free networks. Europhysics Letters, 2013, 101, 60004.	2.0	1
152	Large-scale global optimization through consensus of opinions over complex networks. Complex Adaptive Systems Modeling, 2013, 1, .	1.6	17
153	Spike phase synchronization in delayed-coupled neural networks: Uniform *vs.* non-uniform transmission delay. Chaos, 2013, 23, 013146.	2.5	12
154	SYNCHRONIZABILITY OF COMPLEX NETWORKS WITH COMMUNITY STRUCTURE. International Journal of Modern Physics C, 2012, 23, 1250029.	1.7	6
155	Synchronizability of EEG-Based Functional Networks in Early Alzheimer's Disease. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 636-641.	4.9	48
156	Immunizing complex networks with limited budget. Europhysics Letters, 2012, 98, 38004.	2.0	13
157	A simple consensus algorithm for distributed averaging in random geographical networks. Pramana - Journal of Physics, 2012, 79, 493-499.	1.8	3
158	EEG-Based Functional Brain Networks: Does the Network Size Matter?. PLoS ONE, 2012, 7, e35673.	2.5	60
159	Properties of functional brain networks correlate with frequency of psychogenic non-epileptic seizures. Frontiers in Human Neuroscience, 2012, 6, 335.	2.0	44
160	Collective behavior of interacting locally synchronized oscillations in neuronal networks. Communications in Nonlinear Science and Numerical Simulation, 2012, 17, 3922-3933.	3.3	5
161	Nonparametric Simulation of Signal Transduction Networks with Semi-Synchronized Update. PLoS ONE, 2012, 7, e39643.	2.5	7
162	Discriminating early stage AD patients from healthy controls using synchronization analysis of EEG. , 2011, , .		0

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163	Cascading Failure Tolerance of Modular Small-World Networks. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 527-531.	3.0	60
164	Failure tolerance of spike phase synchronization in coupled neural networks. Chaos, 2011, 21, 033126.	2.5	2
165	EEG-based functional networks in schizophrenia. Computers in Biology and Medicine, 2011, 41, 1178-1186.	7.0	68
166	Phase synchronizing in Hindmarshâ€"Rose neural networks with delayed chemical coupling. Neurocomputing, 2011, 74, 1551-1556.	5.9	26
167	Synchronizability of dynamical scale-free networks subject to random errors. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4588-4595.	2.6	13
168	Error and attack tolerance of small-worldness in complex networks. Journal of Informetrics, 2011, 5, 422-430.	2.9	27
169	A lower bound for algebraic connectivity based on the connection-graph-stability method. Linear Algebra and Its Applications, 2011, 435, 186-192.	0.9	11
170	Cascaded failures in weighted networks. Physical Review E, 2011, 84, 046114.	2.1	139
171	Psychogenic seizures and frontal disconnection: EEG synchronisation study. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 505-511.	1.9	57
172	CONSTRUCTING BRAIN FUNCTIONAL NETWORKS FROM EEG: PARTIAL AND UNPARTIAL CORRELATIONS. Journal of Integrative Neuroscience, 2011, 10, 213-232.	1.7	48
173	Failure Tolerance of Motif Structure in Biological Networks. PLoS ONE, 2011, 6, e20512.	2.5	12
174	Weighted coupling for geographical networks: Application to reducing consensus time in sensor networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3920-3925.	2.1	14
175	Motif structure and cooperation in real-world complex networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5521-5529.	2.6	10
176	Attenuated asymmetry of functional connectivity in schizophrenia: A high-resolution EEG study. Psychophysiology, 2010, 47, 706-16.	2.4	9
177	Rewiring dynamical networks with prescribed degree distribution for enhancing synchronizability. Chaos, 2010, 20, 043119.	2.5	21
178	A Graph Weighting Method for Reducing Consensus Time in Random Geographical Networks. , 2010, , .		5
179	Reservoir optimization in recurrent neural networks using properties of Kronecker product. Logic Journal of the IGPL, 2010, 18, 670-685.	1.5	4
180	Topography of EEG multivariate phase synchronization in early Alzheimer's disease. Neurobiology of Aging, 2010, 31, 1132-1144.	3.1	101

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181	Neuronal Synchronization over Networks with Small-world Property. , 2009, , .		1
182	On Enhancing Synchronization Properties of Dynamical Networks Using Node and Edge Centrality Measures. , 2009, , .		1
183	Comment on â€œRewiring networks for synchronizationâ€•[Chaos 18, 037105 (2008)]. Chaos, 2009, 19, 028101.	2.5	23
184	Synchronizing Hindmarshâ€"Rose neurons over Newmanâ€"Watts networks. Chaos, 2009, 19, 033103.	2.5	26
185	Rewirings based on the eigenvectors of the Laplacian matrix for enhancing synchronizability of dynamical networks. , 2009, , .		1
186	Numerical versus Analytic Synchronization in Small-World Networks of Hindmarsh-Rose Neurons. Lecture Notes in Computer Science, 2009, , 627-635.	1.3	0
187	A LINEAR PROGRAMMING APPROACH FOR CALCULATION OF ALL STABILIZING PARAMETERS OF LEAD/LAG CONTROLLERS. Asian Journal of Control, 2008, 8, 408-411.	3.0	3
188	Enhancing synchronizability of weighted dynamical networks using betweenness centrality. Physical Review E, 2008, 78, 016105.	2.1	45
189	Reservoir optimization in recurrent neural networks using kronecker kernels. , 2008, , .		2
190	Reducing synchronization cost in weighted dynamical networks using betweenness centrality measures. , 2008, , .		5
191	Efficient rewirings for enhancing synchronizability of dynamical networks. Chaos, 2008, 18, 037104.	2.5	45
192	NEURAL NETWORKS AS A TOOL FOR NONLINEAR PREDICTIVE CONTROL: APPLICATION TO SOME BENCHMARK SYSTEMS. International Journal of Wavelets, Multiresolution and Information Processing, 2007, 05, 69-99.	1.3	2
193	Design of robust sub-optimal nonlinear Hˆž controllers with some applications. Communications in Nonlinear Science and Numerical Simulation, 2007, 12, 1053-1067.	3.3	4
194	Brain emotional learning based intelligent controller applied to neurofuzzy model of micro-heat exchanger. Expert Systems With Applications, 2007, 32, 911-918.	7.6	95
195	Enhancing synchronizability of dynamical networks using the connection graph stability method. International Journal of Circuit Theory and Applications, 2007, 35, 611-622.	2.0	40
196	Dysconnection Topography in Schizophrenia Revealed with State-Space Analysis of EEG. PLoS ONE, 2007, 2, e1059.	2.5	58
197	Information cascades in complex networks. Journal of Complex Networks, 0, , .	1.8	78