Mixing patterns in networks

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Citation Report

#	Article	IF	CITATIONS
1	The Structure and Function of Complex Networks. SIAM Review, 2003, 45, 167-256.	4.2	14,326
2	Effect of aging on network structure. Physical Review E, 2003, 68, 056121.	0.8	96
3	Growing network with local rules: Preferential attachment, clustering hierarchy, and degree correlations. Physical Review E, 2003, 67, 056104.	0.8	430
4	Class of correlated random networks with hidden variables. Physical Review E, 2003, 68, 036112.	0.8	313
5	Epidemic incidence in correlated complex networks. Physical Review E, 2003, 68, 035103.	0.8	176
6	Why social networks are different from other types of networks. Physical Review E, 2003, 68, 036122.	0.8	977
7	Crossover behavior in a communication network. Physical Review E, 2003, 68, 066121.	0.8	17
8	Properties of random graphs with hidden color. Physical Review E, 2003, 68, 026107.	0.8	28
9	Origin of degree correlations in the Internet and other networks. Physical Review E, 2003, 68, 026112.	0.8	173
10	Correlations in scale-free networks: Tomography and percolation. Physical Review E, 2003, 68, 036119.	0.8	22
11	Random graphs with hidden color. Physical Review E, 2003, 68, 015102.	0.8	35
12	Mixing Patterns and Community Structure in Networks. Lecture Notes in Physics, 2003, , 66-87.	0.3	72
13	STD Transmission Dynamics: Some Current Complexities. Sexually Transmitted Diseases, 2003, 30, 478-482.	0.8	6
14	Equilibrium Statistical Mechanicsof Network Structures. Lecture Notes in Physics, 2004, , 163-187.	0.3	23
15	Emergence of Complexity in Financial Networks. Lecture Notes in Physics, 0, , 399-423.	0.3	40
16	Patterns of Link Reciprocity in Directed Networks. Physical Review Letters, 2004, 93, 268701.	2.9	298
17	Assortative model for social networks. Physical Review E, 2004, 70, 037101.	0.8	91
18	Random networks with tunable degree distribution and clustering. Physical Review E, 2004, 70, 056115.	0.8	69

#	Article	IF	CITATIONS
19	Accurately modeling the internet topology. Physical Review E, 2004, 70, 066108.	0.8	162
20	Vertex intrinsic fitness: How to produce arbitrary scale-free networks. Physical Review E, 2004, 70, 056126.	0.8	121
21	Networking the seceder model: Group formation in social and economic systems. Physical Review E, 2004, 70, 036108.	0.8	42
22	Analysis of scale-free networks based on a threshold graph with intrinsic vertex weights. Physical Review E, 2004, 70, 036124.	0.8	40
23	Self-organization of collaboration networks. Physical Review E, 2004, 70, 036106.	0.8	203
24	Network Structures from Selection Principles. Physical Review Letters, 2004, 92, 198701.	2.9	62
25	Identifying the role that animals play in their social networks. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, S477-81.	1.2	535
26	Cut-offs and finite size effects in scale-free networks. European Physical Journal B, 2004, 38, 205-209.	0.6	268
27	Self-contained algorithms to detect communities in networks. European Physical Journal B, 2004, 38, 311-319.	0.6	58
28	Investigation of a protein complex network. European Physical Journal B, 2004, 41, 113-121.	0.6	41
29	Finding and evaluating community structure in networks. Physical Review E, 2004, 69, 026113.	0.8	9,503
30	Non-Markov stochastic dynamics of real epidemic process of respiratory infections. Physica A: Statistical Mechanics and Its Applications, 2004, 331, 300-318.	1.2	19
31	Nonlinear Barabási–Albert network. Physica A: Statistical Mechanics and Its Applications, 2004, 336, 491-502.	1.2	10
32	The corporate boards networks. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 98-106.	1.2	39
33	Social network growth with assortative mixing. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 119-124.	1,2	41
34	Modeling Infection Transmission. Annual Review of Public Health, 2004, 25, 303-326.	7.6	127
35	The "New―Science of Networks. Annual Review of Sociology, 2004, 30, 243-270.	3.1	833
36	Statistical analysis of airport network of China. Physical Review E, 2004, 69, 046106.	0.8	363

#	Article	IF	Citations
37	Patterns in syntactic dependency networks. Physical Review E, 2004, 69, 051915.	0.8	184
38	Reshuffling scale-free networks: From random to assortative. Physical Review E, 2004, 70, 066102.	0.8	194
39	Two complementary representations of a scale-free network. Physica A: Statistical Mechanics and Its Applications, 2005, 349, 349-363.	1.2	21
40	Modelling hierarchical and modular complex networks: division and independence. Physica A: Statistical Mechanics and Its Applications, 2005, 351, 671-679.	1.2	16
41	Species abundance and the distribution of specialization in host-parasite interaction networks. Journal of Animal Ecology, 2005, 74, 946-955.	1.3	199
42	Edge-count probabilities for the identification of local protein communities and their organization. Proteins: Structure, Function and Bioinformatics, 2005, 62, 800-818.	1.5	31
43	Peeling the yeast protein network. Proteomics, 2005, 5, 444-449.	1.3	204
44	Gene essentiality and the topology of protein interaction networks. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1721-1725.	1.2	102
45	Determinants and Consequences of Sexual Networks as They Affect the Spread of Sexually Transmitted Infections. Journal of Infectious Diseases, 2005, 191, S42-S54.	1.9	219
46	Enhancing complex-network synchronization. Europhysics Letters, 2005, 69, 334-340.	0.7	316
47	Complex Networks by Non-growing Model with Preferential Rewiring Process. Journal of the Physical Society of Japan, 2005, 74, 1334-1340.	0.7	14
48	Inhomogeneous percolation models for spreading phenomena in random graphs. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P08011-P08011.	0.9	5
49	Hierarchical Structure, Disassortativity and Information Measures of the US Flight Network. Chinese Physics Letters, 2005, 22, 2715-2718.	1.3	24
50	Correlations in interacting systems with a network topology. Physical Review E, 2005, 72, 066130.	0.8	10
51	Characterizing the network topology of the energy landscapes of atomic clusters. Journal of Chemical Physics, 2005, 122, 084105.	1.2	83
52	Fermi-Dirac statistics and traffic in complex networks. Physical Review E, 2005, 71, 066114.	0.8	36
53	Mutual selection model for weighted networks. Physical Review E, 2005, 72, 046140.	0.8	63
54	Statistics of weighted treelike networks. Physical Review E, 2005, 71, 036124.	0.8	18

#	Article	IF	Citations
55	Local method for detecting communities. Physical Review E, 2005, 72, 046108.	0.8	228
56	Finding local community structure in networks. Physical Review E, 2005, 72, 026132.	0.8	609
57	Complex networks generated by the Penna bit-string model: Emergence of small-world and assortative mixing. Physical Review E, 2005, 72, 045102.	0.8	4
58	Multiple weak hits confuse complex systems: A transcriptional regulatory network as an example. Physical Review E, 2005, 71, 051909.	0.8	96
59	Infection in Social Networks: Using Network Analysis to Identify High-Risk Individuals. American Journal of Epidemiology, 2005, 162, 1024-1031.	1.6	298
60	STRENGTH DISTRIBUTION IN DERIVATIVE NETWORKS. International Journal of Modern Physics C, 2005, 16, 1097-1105.	0.8	4
61	Effects of Degree Correlation on the synchronizability of networks of nonlinear oscillators., 0,,.		5
62	The positive-feedback preference model of the as-level internet topology. , 0, , .		7
63	Analyzing Protein Lists with Large Networks: Edge-Count Probabilities in Random Graphs with Given Expected Degrees. Journal of Computational Biology, 2005, 12, 113-128.	0.8	26
64	Generalized percolation in random directed networks. Physical Review E, 2005, 72, 016106.	0.8	102
65	General Dynamics of Topology and Traffic on Weighted Technological Networks. Physical Review Letters, 2005, 94, 188702.	2.9	234
66	Computational Models of Social Forms: Advancing Generative Process Theory. American Journal of Sociology, 2005, 110, 864-893.	0.3	149
67	Statistical analysis of 22 public transport networks in Poland. Physical Review E, 2005, 72, 046127.	0.8	293
68	Rate equation approach for correlations in growing network models. Physical Review E, 2005, 71, 036127.	0.8	70
69	Topological Discrepancies Among Internet Measurements Using Different Sampling Methodologies. Lecture Notes in Computer Science, 2005, , 207-214.	1.0	3
70	Information-theoretic approach to network modularity. Physical Review E, 2005, 71, 046117.	0.8	74
71	Understanding the evolution dynamics of internet topology. Physical Review E, 2006, 74, 016124.	0.8	34
72	Towards a Precise and Complete Internet Topology Generator. , 2006, , .		8

#	Article	IF	CITATIONS
73	Vertex similarity in networks. Physical Review E, 2006, 73, 026120.	0.8	685
74	Scale-free networks with an exponent less than two. Physical Review E, 2006, 73, 046113.	0.8	58
75	Finding community structure in networks using the eigenvectors of matrices. Physical Review E, 2006, 74, 036104.	0.8	3,485
76	Wikipedias: Collaborative web-based encyclopedias as complex networks. Physical Review E, 2006, 74, 016115.	0.8	139
77	The network of sheep movements within Great Britain: network properties and their implications for infectious disease spread. Journal of the Royal Society Interface, 2006, 3, 669-677.	1.5	195
78	Nonequilibrium phase transition in the coevolution of networks and opinions. Physical Review E, 2006, 74, 056108.	0.8	435
79	How Many People Do You Know in Prison?. Journal of the American Statistical Association, 2006, 101, 409-423.	1.8	154
80	The effect of contact heterogeneity and multiple routes of transmission on final epidemic size. Mathematical Biosciences, 2006, 203, 124-136.	0.9	94
81	Topology of protein interaction networks and cell physiology. , 2006, , .		0
82	A Review of Recent Studies of Geographical Scale-Free Networks. IPSJ Digital Courier, 2006, 2, 155-164.	0.3	22
83	Quantifying the influence of sociality on population structure in bottlenose dolphins. Journal of Animal Ecology, 2006, 75, 14-24.	1.3	231
84	Detecting rich-club ordering in complex networks. Nature Physics, 2006, 2, 110-115.	6.5	763
85	Policing stabilizes construction of social niches in primates. Nature, 2006, 439, 426-429.	13.7	545
86	A spatial model for social networks. Physica A: Statistical Mechanics and Its Applications, 2006, 360, 99-120.	1.2	111
87	Topological transition features and synchronizability of a weighted hybrid preferential network. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 841-850.	1.2	20
88	Bipartite graphs as models of complex networks. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 795-813.	1.2	190
89	Analysis of attachment models for directory and file trees. Physica D: Nonlinear Phenomena, 2006, 224, 149-155.	1.3	3
90	Complex networks: Structure and dynamics. Physics Reports, 2006, 424, 175-308.	10.3	8,661

#	Article	IF	CITATIONS
91	Ising-based model of opinion formation in a complex network of interpersonal interactions. Physica A: Statistical Mechanics and Its Applications, 2006, 361, 651-664.	1.2	80
92	Growing scale-free small-world networks with tunable assortative coefficient. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 814-822.	1.2	34
93	Effects of missing data in social networks. Social Networks, 2006, 28, 247-268.	1.3	676
94	Modeling network growth with assortative mixing. European Physical Journal B, 2006, 50, 617-630.	0.6	16
95	Better synchronizability predicted by a new coupling method. European Physical Journal B, 2006, 53, 375-379.	0.6	37
96	Characterising and modelling the internet topology â€" The rich-club phenomenon and the PFP model. BT Technology Journal, 2006, 24, 108-115.	0.6	16
97	Synchronization in weighted scale-free networks with degree–degree correlation. Physica D: Nonlinear Phenomena, 2006, 224, 123-129.	1.3	76
98	Complex networks theory for analyzing metabolic networks. Science Bulletin, 2006, 51, 1529-1537.	1.7	44
99	Sexual Bridging Socially and Over Time: A Simulation Model Exploring the Relative Effects of Mixing and Concurrency on Viral Sexually Transmitted Infection Transmission. Sexually Transmitted Diseases, 2006, 33, 368-373.	0.8	88
100	Local Events and Dynamics on Weighted Complex Networks. Chinese Physics Letters, 2006, 23, 2311-2314.	1.3	5
101	Correlations in bipartite collaboration networks. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P01010-P01010.	0.9	38
102	The topology of an accelerated growth network. Journal of Physics A, 2006, 39, 14343-14351.	1.6	10
103	The effect of social interactions in the primary consumption life cycle of motion pictures. New Journal of Physics, 2006, 8, 52-52.	1.2	11
104	Multistage Random Growing Small-World Networks with Power-Law Degree Distribution. Chinese Physics Letters, 2006, 23, 746-749.	1.3	14
105	On the structural properties of massive telecom call graphs. , 2006, , .		112
106	Spreading dynamics on heterogeneous populations: Multitype network approach. Physical Review E, 2006, 74, 066114.	0.8	45
107	Cascade and breakdown in scale-free networks with community structure. Physical Review E, 2006, 74, 066111.	0.8	79
108	Characterizing the Dynamical Importance of Network Nodes and Links. Physical Review Letters, 2006, 97, 094102.	2.9	199

#	ARTICLE	IF	CITATIONS
109	Epidemic Dynamics on an Adaptive Network. Physical Review Letters, 2006, 96, 208701.	2.9	690
110	Social inertia in collaboration networks. Physical Review E, 2006, 73, 016122.	0.8	57
111	Mutual attraction model for both assortative and disassortative weighted networks. Physical Review E, 2006, 73, 016133.	0.8	42
112	Crossovers in scale-free networks on geographical space. Physical Review E, 2006, 73, 035104.	0.8	41
113	Evolution of a social network: The role of cultural diversity. Physical Review E, 2006, 73, 016135.	0.8	26
114	Degree mixing and the enhancement of synchronization in complex weighted networks. Physical Review E, 2006, 74, 066107.	0.8	35
115	Degree landscapes in scale-free networks. Physical Review E, 2006, 74, 036119.	0.8	6
116	Mixing properties of growing networks and Simpson's paradox. Physical Review E, 2006, 74, 026122.	0.8	3
117	Networks with given two-point correlations: Hidden correlations from degree correlations. Physical Review E, 2006, 74, 026121.	0.8	16
118	Linear relation on the correlation in complex networks. Physical Review E, 2006, 73, 047101.	0.8	6
119	FROM A HARMONIOUS UNIFYING HYBRID PREFERENTIAL MODEL TOWARD A LARGE UNIFYING HYBRID NETWORK MODEL. International Journal of Modern Physics B, 2007, 21, 5121-5142.	1.0	11
120	EXPERIMENTAL STUDY OF THE STRUCTURE OF A SOCIAL NETWORK AND HUMAN DYNAMICS IN A VIRTUAL SOCIETY. International Journal of Modern Physics C, 2007, 18, 1527-1535.	0.8	20
121	EFFECTS OF DEGREE CORRELATION ON THE SYNCHRONIZATION OF NETWORKS OF OSCILLATORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 3499-3506.	0.7	50
122	SPECTRAL METHODS CLUSTER WORDS OF THE SAME CLASS IN A SYNTACTIC DEPENDENCY NETWORK. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2453-2463.	0.7	34
123	WEIGHTED ACCELERATED GROWTH MODEL OF COMPLEX NETWORKS. International Journal of Modern Physics B, 2007, 21, 4064-4066.	1.0	2
124	SYNCHRONIZABILITY AND SYNCHRONIZATION DYNAMICS OF WEIGHED AND UNWEIGHED SCALE FREE NETWORKS WITH DEGREE MIXING. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2419-2434.	0.7	36
125	Using sexual affiliation networks to describe the sexual structure of a population. Sexually Transmitted Infections, 2007, 83, i37-i42.	0.8	46
126	Fractal and transfractal recursive scale-free nets. New Journal of Physics, 2007, 9, 175-175.	1.2	179

#	Article	IF	CITATIONS
127	TRANSPORT ON COMPLEX NETWORKS: FLOW, JAMMING AND OPTIMIZATION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2363-2385.	0.7	116
128	Structural constraints in complex networks. New Journal of Physics, 2007, 9, 173-173.	1.2	58
129	The architecture of globalization: a network approach to international economic integration. Journal of International Business Studies, 2007, 38, 595-620.	4.6	237
130	Clustering of sparse data via network communitiesâ€"a prototype study of a large online market. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P06016-P06016.	0.9	19
131	An empirical study of an agglomeration network. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 12365-12375.	0.7	7
132	The interplay of universities and industry through the FP5 network. New Journal of Physics, 2007, 9, 183-183.	1.2	13
133	Transmission of sexually transmitted disease in complex network of the Penna model. Journal of Statistical Mechanics: Theory and Experiment, 2007, 2007, P04006-P04006.	0.9	2
134	Sandpile on scale-free networks with assortative mixing. Physica Scripta, 2007, 76, 606-612.	1.2	6
135	Partitioning and modularity of graphs with arbitrary degree distribution. Physical Review E, 2007, 76, 015102.	0.8	61
136	Growing networks under geographical constraints. Physical Review E, 2007, 75, 046117.	0.8	22
137	Link and subgraph likelihoods in random undirected networks with fixed and partially fixed degree sequences. Physical Review E, 2007, 76, 046112.	0.8	14
138	Modeling the coevolution of topology and traffic on weighted technological networks. Physical Review E, 2007, 75, 026111.	0.8	44
139	Interfaces and the edge percolation map of random directed networks. Physical Review E, 2007, 76, 056121.	0.8	17
140	Examining Graph Properties of Unstructured Peer-to-Peer Overlay Topology. , 2007, , .		5
141	Approximating the largest eigenvalue of network adjacency matrices. Physical Review E, 2007, 76, 056119.	0.8	113
142	Response of degree-correlated scale-free networks to stimuli. Physical Review E, 2007, 75, 046113.	0.8	15
143	Percolation transition in networks with degree-degree correlation. Physical Review E, 2007, 76, 026116.	0.8	53
144	Clustering coefficients of protein-protein interaction networks. Physical Review E, 2007, 75, 051910.	0.8	4

#	Article	IF	CITATIONS
145	Host community structure and the maintenance of pathogen diversity. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1715-1721.	1.2	24
146	Susceptible–infected–recovered epidemics in dynamic contact networks. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 2925-2934.	1.2	220
147	Tag-based indirect reciprocity by incomplete social information. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 689-695.	1.2	54
148	Course 8 Complex networks. Les Houches Summer School Proceedings, 2007, , 309-342.	0.2	2
149	Structure of LiveJournal social network., 2007,,.		4
150	Enhancing Synchronizabilities of Power-Law Networks. , 2007, , .		1
151	Biological impacts and context of network theory. Journal of Experimental Biology, 2007, 210, 1548-1558.	0.8	126
152	Diversity of graphs with highly variable connectivity. Physical Review E, 2007, 75, 046102.	0.8	33
153	Analysis of topological characteristics of huge online social networking services., 2007,,.		596
154	Effects of the network structural properties on its controllability. Chaos, 2007, 17, 033101.	1.0	76
155	Influence of Selected Formation Rules for Finite Population Networks with Fixed Macrostructures: Implications for Individual-Based Model of Infectious Diseases. Mathematical Population Studies, 2007, 14, 237-267.	0.8	12
156	Characterising Web Site Link Structure. , 2007, , .		5
157	Percolation in hierarchical scale-free nets. Physical Review E, 2007, 75, 061102.	0.8	80
158	Generation of arbitrarily two-point-correlated random networks. Physical Review E, 2007, 76, 046111.	0.8	44
159	Inferring topological features of proteins from amino acid residue networks. Physica A: Statistical Mechanics and Its Applications, 2007, 375, 336-344.	1.2	29
160	Properties of asymmetrical evolving networks. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 719-724.	1.2	5
161	Diffusion approach for community discovering within the complex networks: LiveJournal study. Physica A: Statistical Mechanics and Its Applications, 2007, 378, 550-560.	1.2	9
	Weighted assortative and disassortative networks model. Physica A: Statistical Mechanics and Its		

#	Article	IF	CITATIONS
163	The web graph of a tourism system. Physica A: Statistical Mechanics and Its Applications, 2007, 379, 727-734.	1.2	57
164	Discrete scale invariance in scale free graphs. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 601-610.	1.2	2
165	Correlations in random Apollonian network. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 621-628.	1.2	25
166	Chinese character structure analysis based on complex networks. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 629-638.	1.2	47
167	The effect of generalized deactivation mechanism in weighted networks. Physica A: Statistical Mechanics and Its Applications, 2007, 380, 611-620.	1.2	4
168	Organizations of rich nodes in complex networks. Physica A: Statistical Mechanics and Its Applications, 2007, 381, 473-481.	1.2	4
169	Assortativity and act degree distribution of some collaboration networks. Physica A: Statistical Mechanics and Its Applications, 2007, 383, 687-702.	1.2	94
170	The network of scientific collaborations within the European framework programme. Physica A: Statistical Mechanics and Its Applications, 2007, 384, 675-683.	1.2	20
171	Interpersonal interactions and human dynamics in a large social network. Physica A: Statistical Mechanics and Its Applications, 2007, 385, 363-369.	1.2	21
172	The randomly organized structure of urban ground bus-transport networks in China. Physica A: Statistical Mechanics and Its Applications, 2007, 386, 388-396.	1.2	8
173	A general geometric growth model for pseudofractal scale-free web. Physica A: Statistical Mechanics and Its Applications, 2007, 377, 329-339.	1.2	61
174	A Monte Carlo model for networks between professionals and society. Physica A: Statistical Mechanics and Its Applications, 2007, 377, 698-708.	1.2	2
175	Effect of node deleting on network structure. Physica A: Statistical Mechanics and Its Applications, 2007, 379, 714-726.	1.2	20
176	Social structure in a colonial mammal: unravelling hidden structural layers and their foundations by network analysis. Animal Behaviour, 2007, 74, 1293-1302.	0.8	150
177	Characterization of complex networks: A survey of measurements. Advances in Physics, 2007, 56, 167-242.	35.9	1,829
178	Rank-based model for weighted network with hierarchical organization and disassortative mixing. European Physical Journal B, 2007, 56, 167-171.	0.6	5
179	Self-similarity, small-world, scale-free scaling, disassortativity, and robustness in hierarchical lattices. European Physical Journal B, 2007, 56, 259-271.	0.6	70
180	Recursive weighted treelike networks. European Physical Journal B, 2007, 59, 99-107.	0.6	21

#	Article	IF	CITATIONS
181	Incompatibility networks as models of scale-free small-world graphs. European Physical Journal B, 2007, 60, 259-264.	0.6	29
182	Synchronization processes in complex networks. European Physical Journal: Special Topics, 2007, 146, 129-144.	1.2	13
183	Enhancing the network synchronizability. Frontiers of Physics in China, 2007, 2, 460-468.	1.0	13
184	Travel and tourism: Into a complex network. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2963-2971.	1.2	70
185	The dynamics of a mobile phone network. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3017-3024.	1.2	151
186	Epidemic outbreaks in growing scale-free networks with local structure. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5295-5302.	1.2	7
187	Spatial price dynamics: From complex network perspective. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5852-5856.	1.2	3
188	Protein networking: insights into global functional organization of proteomes. Proteomics, 2008, 8, 799-816.	1.3	74
189	Synchronization in complex networks. Physics Reports, 2008, 469, 93-153.	10.3	2,928
190	Estimating the clustering coefficient in scale-free networks on lattices with local spatial correlation structure. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 5287-5294.	1.2	12
191	Detecting the community structure in complex networks based on quantum mechanics. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 6215-6224.	1.2	15
192	A network model of E. coli O157 transmission within a typical UK dairy herd: The effect of heterogeneity and clustering on the prevalence of infection. Journal of Theoretical Biology, 2008, 254, 45-54.	0.8	33
193	Basic notions for the analysis of large two-mode networks. Social Networks, 2008, 30, 31-48.	1.3	451
194	Topologies and Laplacian spectra of a deterministic uniform recursive tree. European Physical Journal B, 2008, 63, 507-513.	0.6	27
195	Properties of on-line social systems. European Physical Journal B, 2008, 66, 107-113.	0.6	29
196	Loop statistics in complex networks. European Physical Journal B, 2008, 66, 251-257.	0.6	10
197	Teasing out the missing links. Nature, 2008, 453, 47-48.	13.7	59
198	Methodology capture: discriminating between the "best" and the rest of community practice. BMC Bioinformatics, 2008, 9, 359.	1.2	15

#	Article	IF	CITATIONS
199	Social networking in the Columbian ground squirrel, Spermophilus columbianus. Animal Behaviour, 2008, 75, 1221-1228.	0.8	76
200	Batch kernel SOM and related Laplacian methods for social network analysis. Neurocomputing, 2008, 71, 1257-1273.	3.5	79
201	Cascading failure spreading on weighted heterogeneous networks. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P05013.	0.9	77
202	Cascades on correlated and modular random networks. Physical Review E, 2008, 77, 046117.	0.8	180
203	The effect of network mixing patterns on epidemic dynamics and the efficacy of disease contact tracing. Journal of the Royal Society Interface, 2008, 5, 791-799.	1.5	67
204	Comparison of online social relations in volume vs interaction. , 2008, , .		125
205	Symmetry-based structure entropy of complex networks. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 2611-2619.	1.2	46
206	Critical phenomena in complex networks. Reviews of Modern Physics, 2008, 80, 1275-1335.	16.4	1,730
207	On Destination Set in IP-Level Topology Measurement. , 2008, , .		0
208	Achieving Team-Awareness in Scientific Grid Environments. , 2008, , .		0
209	Connectivity correlations in three topological spaces of urban bus-transport networks in China. Chinese Physics B, 2008, 17, 3580-3587.	0.7	13
210	On the dynamics of the compounding of Japanese kanji with common and proper nounsâ—. Journal of Quantitative Linguistics, 2008, 15, 136-153.	0.7	1
211	Network analysis identifies weak and strong links in a metapopulation system. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18824-18829.	3.3	152
212	GENERATING AN ASSORTATIVE NETWORK WITH A GIVEN DEGREE DISTRIBUTION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2008, 18, 3495-3502.	0.7	17
213	Collaboration over time. , 2008, , .		77
214	Effective label acquisition for collective classification. , 2008, , .		52
215	Modified DM Models for Aging Networks Based on Neighborhood Connectivity. Communications in Theoretical Physics, 2008, 49, 243-248.	1.1	0
216	A Scalable Multilevel Algorithm for Graph Clustering and Community Structure Detection. Lecture Notes in Computer Science, 2006, , 117-128.	1.0	23

#	Article	IF	Citations
217	THE RELEVANCE-STRENGTH IN A SCALE-FREE NETWORK. Modern Physics Letters B, 2008, 22, 3053-3059.	1.0	2
218	Emergence of network structure in models of collective evolution and evolutionary dynamics. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2008, 464, 2207-2217.	1.0	6
219	Error-driven generalist+experts (edge). , 2008, , .		1
220	Local assortativeness in scale-free networks. Europhysics Letters, 2008, 84, 28002.	0.7	75
221	Effects of network topology on wealth distributions. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224018.	0.7	33
222	Why the PFP Model Reproduces the Internet?. , 2008, , .		3
223	Dynamic phenomena and human activity in an artificial society. Physical Review E, 2008, 78, 066110.	0.8	47
224	Weighted Percolation on Directed Networks. Physical Review Letters, 2008, 100, 058701.	2.9	48
225	Modeling the Evolution of Degree Correlation in Scale-Free Topology Generators. , 2008, , .		3
226	Socioeconomic networks with long-range interactions. Physical Review E, 2008, 78, 016110.	0.8	16
227	Impact of topology on the dynamical organization of cooperation in the prisoner's dilemma game. Physical Review E, 2008, 77, 036120.	0.8	76
228	Emergence of symmetry in complex networks. Physical Review E, 2008, 77, 066108.	0.8	39
229	Generating random networks with given degree-degree correlations and degree-dependent clustering. Physical Review E, 2008, 77, 017101.	0.8	19
230	Proposal for a Growth Model of Social Network Service. , 2008, , .		3
231	Structure and Dynamics of Research Collaboration in Computer Science. , 2009, , .		17
232	Signatures of Currency Vertices. Journal of the Physical Society of Japan, 2009, 78, 034801.	0.7	3
233	Influence of Network Structure on Evolution of Cooperation. Transactions of the Japanese Society for Artificial Intelligence, 2009, 24, 397-404.	0.1	1
234	Iterated tabu search for identifying community structure in complex networks. Physical Review E, 2009, 80, 026130.	0.8	34

#	ARTICLE	IF	CITATIONS
235	Information cascades on degree-correlated random networks. Physical Review E, 2009, 80, 026125.	0.8	53
236	Weak signal transmission in complex networks and its application in detecting connectivity. Physical Review E, 2009, 80, 046102.	0.8	21
237	Analysis of a threshold model of social contagion on degree-correlated networks. Physical Review E, 2009, 79, 066115.	0.8	49
238	Analysis and Monte Carlo simulations of a model for the spread of infectious diseases in heterogeneous metapopulations. Physical Review E, 2009, 80, 041920.	0.8	30
239	Random graph models for directed acyclic networks. Physical Review E, 2009, 80, 046110.	0.8	46
240	Revising the simple measures of assortativity in complex networks. Physical Review E, 2009, 80, 056106.	0.8	18
241	Heterogeneous bond percolation on multitype networks with an application to epidemic dynamics. Physical Review E, 2009, 79, 036113.	0.8	81
242	The Interrelations among the Project Team's Conduit Networks, Knowledge Network and Its Performance. , 2009, , .		0
243	An Investigation into Node Strength Connectivity Correlation. Chinese Physics Letters, 2009, 26, 078902.	1.3	9
244	Modularity of Sparse Random Graphs. Lecture Notes in Physics, 2009, , 87-118.	0.3	0
245	Reflect and correct. ACM Transactions on Knowledge Discovery From Data, 2009, 3, 1-32.	2.5	14
246	Epidemic spreading in weighted scale-free networks with community structure. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P07043.	0.9	38
247	Tailored graph ensembles as proxies or null models for real networks I: tools for quantifying structure. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 485001.	0.7	38
248	Degree correlations in citation networks model with aging. Europhysics Letters, 2009, 88, 38002.	0.7	14
249	Degree correlations in the group preferential model. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 275002.	0.7	3
250	Disassortative mixing in online social networks. Europhysics Letters, 2009, 86, 18003.	0.7	72
251	Monte Carlo Simulations of a SIS-Diffusion Model in Heterogeneous Metapopulations. , 2009, , .		0
252	Small- and large-scale network structure of live fish movements in Scotland. Preventive Veterinary Medicine, 2009, 91, 261-269.	0.7	49

#	Article	IF	CITATIONS
253	Social cohesion in a hierarchically structured embayment population of Indo-Pacific bottlenose dolphins. Animal Behaviour, 2009, 77, 1449-1457.	0.8	107
254	Measures of Disassortativeness and their Application to Directly Transmitted Infections. Biometrical Journal, 2009, 51, 387-407.	0.6	13
255	A social network analysis of primate groups. Primates, 2009, 50, 343-356.	0.7	133
256	An evolving model of undirected networks based on microscopic biological interaction systems. Journal of Biological Physics, 2009, 35, 197-207.	0.7	5
257	A Contact-Network-Based Formulation of a Preferential Mixing Model. Bulletin of Mathematical Biology, 2009, 71, 888-905.	0.9	14
258	Behavioural trait assortment in a social network: patterns and implications. Behavioral Ecology and Sociobiology, 2009, 63, 1495-1503.	0.6	231
259	Effect of the structure of a complex network on the properties of the dynamical processes on it. JETP Letters, 2009, 90, 775-779.	0.4	2
260	Does elevated testosterone result in increased exposure and transmission of parasites?. Ecology Letters, 2009, 12, 528-537.	3.0	79
261	Contact networks in a wild Tasmanian devil (<i>Sarcophilus harrisii</i>) population: using social network analysis to reveal seasonal variability in social behaviour and its implications for transmission of devil facial tumour disease. Ecology Letters, 2009, 12, 1147-1157.	3.0	280
262	Opinion formation in a social network: The role of human activity. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 961-966.	1.2	28
263	Development of friendship network among young scientists in an international Summer School. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 3636-3642.	1.2	2
264	A spatial weighted network model based on optimal expected traffic. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4248-4258.	1.2	19
265	The emergence of scale-free networks with a seceding mechanism. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 4484-4490.	1.2	1
266	Age-based model for weighted network with general assortative mixing. Physica A: Statistical Mechanics and Its Applications, 2009, 388, 999-1006.	1.2	12
267	Modularity density of network community divisions. Physica D: Nonlinear Phenomena, 2009, 238, 1161-1167.	1.3	8
268	Evolution of a large online social network. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 1105-1110.	0.9	90
269	Insight to the express transport network. Computer Physics Communications, 2009, 180, 1511-1515.	3.0	12
270	Assortativeness and information in scale-free networks. European Physical Journal B, 2009, 67, 291-300.	0.6	34

#	ARTICLE	IF	CITATIONS
271	Public transport networks: empirical analysis and modeling. European Physical Journal B, 2009, 68, 261-275.	0.6	238
272	Local assortativity and growth of Internet. European Physical Journal B, 2009, 70, 275-285.	0.6	37
273	Statistical physics of social dynamics. Reviews of Modern Physics, 2009, 81, 591-646.	16.4	3,013
274	Mean-field level analysis of epidemics in directed networks. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 355001.	0.7	12
275	Detecting Community Structure of Complex Networks by Simulated Annealing with Optimal Prediction., 2009,,.		0
276	A Retrospective Review of Social Networks. , 2009, , .		3
277	Social Network Analysis, Graph Theoretical Approaches to., 2009, , 8231-8245.		4
278	Tools from Statistical Physics for the Analysis of Social Networks. Understanding Complex Systems, 2009, , 147-185.	0.3	1
279	Mixing patterns and communities on bipartite graphs on web-based social interactions. , 2009, , .		6
280	Does conference participation lead to increased collaboration? A quantitative investigation. , 2009, , .		6
281	Assortative Mixing in BitTorrent-Like Networks. , 2009, , .		1
282	Transcript stability in the protein interaction network of Escherichia coli. Molecular BioSystems, 2009, 5, 154-162.	2.9	14
283	Missing and spurious interactions and the reconstruction of complex networks. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22073-22078.	3.3	594
284	Using Mixed-Method Design and Network Analysis to Measure Development of Interagency Collaboration. American Journal of Evaluation, 2009, 30, 310-329.	0.6	63
285	Network Graph Analysis of Category Fluency Testing. Cognitive and Behavioral Neurology, 2009, 22, 45-52.	0.5	43
286	Sexual Mixing Patterns and Heterosexual HIV Transmission Among African Americans in the Southeastern United States. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 52, 114-120.	0.9	77
287	Degree-based graph construction. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 392001.	0.7	41
288	Seller's credibility in electronic markets. , 2009, , .		7

#	Article	IF	CITATIONS
289	Reproducibility of Graph Metrics in fMRI Networks. Frontiers in Neuroinformatics, 2010, 4, 117.	1.3	88
290	Graph Analysis and Visualization for Brain Function Characterization Using EEG Data. Journal of Healthcare Engineering, 2010, 1, 435-459.	1.1	7
291	Assortative and disassortative networks. The effect of the topology of a complex network on the properties of dynamical processes on it. Journal of Experimental and Theoretical Physics, 2010, 111, 503-511.	0.2	0
292	Bloggers behavior and emergent communities in Blog space. European Physical Journal B, 2010, 73, 293-301.	0.6	35
293	Influence of assortativity and degree-preserving rewiring on the spectra of networks. European Physical Journal B, 2010, 76, 643-652.	0.6	108
294	Large-scale structure of a nation-wide production network. European Physical Journal B, 2010, 77, 565-580.	0.6	96
295	A critical look at power law modelling of the Internet. Computer Communications, 2010, 33, 259-268.	3.1	42
296	The complexity and robustness of metro networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3678-3691.	1.2	307
297	Organization of networks with tagged nodes and biased links: A priori distinct communities. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 5479-5494.	1.2	16
298	Generation of arbitrary two-point correlated directed networks with given modularity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 3129-3135.	0.9	11
299	Jamming in complex networks with degree correlation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 4658-4663.	0.9	11
300	Exposing multi-relational networks to single-relational network analysis algorithms. Journal of Informetrics, 2010, 4, 29-41.	1.4	65
301	Ownership and control in shareholding networks. Journal of Economic Interaction and Coordination, 2010, 5, 191-219.	0.4	34
302	Collaboration in sensor network research: an in-depth longitudinal analysis of assortative mixing patterns. Scientometrics, 2010, 84, 687-701.	1.6	31
303	Association networks reveal social organization in the sleepy lizard. Animal Behaviour, 2010, 79, 217-225.	0.8	71
304	Social cohesion in yellow-bellied marmots is established through age and kin structuring. Animal Behaviour, 2010, 79, 1343-1352.	0.8	117
305	Social network properties within a fish assemblage invaded by non-native sunbleak Leucaspius delineatus. Ecological Modelling, 2010, 221, 2118-2122.	1.2	17
306	A packet routing strategy using neural networks on scale-free networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 623-628.	1.2	9

#	Article	IF	CITATIONS
307	Statistical properties of weighted complex networks characterized by metaweights. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1265-1272.	1.2	2
308	Robustness of networks against cascading failures. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 2310-2317.	1.2	78
309	Deterministic weighted scale-free small-world networks. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3316-3324.	1.2	16
310	Modularity and anti-modularity in networks with arbitrary degree distribution. Biology Direct, 2010, 5, 32.	1.9	16
311	Universal fractal scaling of self-organized networks. Nature Precedings, 2010, , .	0.1	0
312	Structure and Evolution of Scientific Collaboration Networks in a Modern Research Collaboratory. SSRN Electronic Journal, 0, , .	0.4	5
313	Mesoscopic Organization Reveals the Constraints Governing Caenorhabditis elegans Nervous System. PLoS ONE, 2010, 5, e9240.	1.1	77
314	Assortative Mixing in Close-Packed Spatial Networks. PLoS ONE, 2010, 5, e15551.	1.1	13
315	The structural properties of the generalized Koch network. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P07011.	0.9	9
316	Mapping Koch curves into scale-free small-world networks. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 395101.	0.7	46
317	Large-scale properties of clustered networks: implications for disease dynamics. Journal of Biological Dynamics, 2010, 4, 431-445.	0.8	20
318	Modelling the Spread of Infectious Diseases in Complex Metapopulations. Mathematical Modelling of Natural Phenomena, 2010, 5, 22-37.	0.9	10
319	Hierarchy property of traffic networks. Chinese Physics B, 2010, 19, 090510.	0.7	2
320	Folks in Folksonomies. , 2010, , .		112
321	Optimizing transport efficiency on scale-free networks through assortative or dissortative topology. Physical Review E, 2010, 81, 037101.	0.8	19
322	Network analysis of human heartbeat dynamics. Applied Physics Letters, 2010, 96, .	1.5	84
323	Asymptotic properties of degree-correlated scale-free networks. Physical Review E, 2010, 81, 046103.	0.8	39
324	Spanning traceroutes over modular networks and general scaling degree distributions. Physical Review E, 2010, 81, 036105.	0.8	1

#	ARTICLE	IF	Citations
325	FROM ASSORTATIVE TO DISSORTATIVE NETWORKS: THE ROLE OF CAPACITY CONSTRAINTS. International Journal of Modeling, Simulation, and Scientific Computing, 2010, 13, 483-499.	0.9	28
326	Edge direction and the structure of networks. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10815-10820.	3.3	187
327	A high-resolution human contact network for infectious disease transmission. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22020-22025.	3.3	617
328	Complex Networks and Symmetry I: A Review. Symmetry, 2010, 2, 1683-1709.	1.1	43
329	Extraction, characterization and utility of prototypical communication groups in the blogosphere. ACM Transactions on Information Systems, 2010, 29, 1-53.	3.8	2
330	Co-expression networks: graph properties and topological comparisons. Bioinformatics, 2010, 26, 205-214.	1.8	54
331	Semantic Networks: Structure and Dynamics. Entropy, 2010, 12, 1264-1302.	1.1	159
332	Robustness of scale-free networks under rewiring operations. Europhysics Letters, 2010, 89, 38002.	0.7	25
333	The degree distribution and degree correlations of the network with both preferential and random attachments. , 2010, , .		0
334	Quantifying long-range correlations in complex networks beyond nearest neighbors. Europhysics Letters, 2010, 90, 28002.	0.7	18
335	Evolving networks and the development of neural systems. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P03003.	0.9	15
336	An analytic derivation of clustering coefficients for weighted networks. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P03013.	0.9	4
337	Measurement-calibrated graph models for social network experiments. , 2010, , .		116
338	Modelling interplay in normative social systems. , 2010, , .		1
339	Visit me, click me, be my friend. , 2010, , .		8
340	Effects of degree correlation on scale-free gradient networks. Physica Scripta, 2010, 81, 055804.	1.2	3
341	Dynamical processes on dissortative scale-free networks. Europhysics Letters, 2010, 89, 18002.	0.7	6
342	Universality in Protein Residue Networks. Biophysical Journal, 2010, 98, 890-900.	0.2	53

#	Article	IF	Citations
343	A likely universal model of fracture scaling and its consequence for crustal hydromechanics. Journal of Geophysical Research, 2010, 115 , .	3.3	113
344	Power Grids as Complex Networks: Topology and Fragility. , 2010, , .		17
345	Spectral graph analysis of modularity and assortativity. Physical Review E, 2010, 82, 056113.	0.8	43
346	Covariance, correlation matrix, and the multiscale community structure of networks. Physical Review E, 2010, 82, 016114.	0.8	46
347	Entropic Origin of Disassortativity in Complex Networks. Physical Review Letters, 2010, 104, 108702.	2.9	106
348	On generating power-law networks with assortative mixing. , 2010, , .		0
349	Characterization of anatomical and functional connectivity in the brain: A complex networks perspective. International Journal of Psychophysiology, 2010, 77, 186-194.	0.5	150
350	Personality in the context of social networks. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 4099-4106.	1.8	172
351	Structure of Social Networks in a Passerine Bird: Consequences for Sexual Selection and the Evolution of Mating Strategies. American Naturalist, 2010, 176, E80-E89.	1.0	181
352	Mixing patterns in a global influenza a virus network using whole genome comparisons. , 2010, , .		1
353	The attributes similar-degree of complex networks. , 2010, , .		3
354	Robustness and evolvability in natural chemical resistance: identification of novel systems properties, biochemical mechanisms and regulatory interactions. Molecular BioSystems, 2010, 6, 1475.	2.9	12
355	Dark Gold: Statistical Properties of Clandestine Networks in Massively Multiplayer Online Games. , 2010, , .		46
356	Internet Traffic Identification Using Community Detecting Algorithm. , 2010, , .		3
357	Measuring and enhancing the social connectivity of UGC video systems: A case study of YouKu., 2011,,.		6
358	High Level Classification for Pattern Recognition. , 2011, , .		0
359	The role of nonlinearity in computing graph-theoretical properties of resting-state functional magnetic resonance imaging brain networks. Chaos, 2011, 21, 013119.	1.0	47
360	Los meridianos y puntos de la acupuntura: estudio de su topologÃa de red. Revista Internacional De Acupuntura, 2011, 5, 97-104.	0.0	1

#	Article	IF	CITATIONS
361	Is There a Best Quality Metric for Graph Clusters?. Lecture Notes in Computer Science, 2011, , 44-59.	1.0	52
362	A community detection algorithm for Web Usage Mining systems. , 2011, , .		4
363	A threshold model of social contagion process for evacuation decision making. Transportation Research Part B: Methodological, 2011, 45, 1590-1605.	2.8	63
364	Social Structure of Facebook Networks. SSRN Electronic Journal, 0, , .	0.4	28
365	Measuring Segregation in Social Networks. SSRN Electronic Journal, 0, , .	0.4	48
366	Changes in Cognitive State Alter Human Functional Brain Networks. Frontiers in Human Neuroscience, 2011, 5, 83.	1.0	86
367	Differentially Expressed Genes in Major Depression Reside on the Periphery of Resilient Gene Coexpression Networks. Frontiers in Neuroscience, 2011, 5, 95.	1.4	33
368	Geographic Constraints on Social Network Groups. PLoS ONE, 2011, 6, e16939.	1.1	245
369	Trust Transitivity in Social Networks. PLoS ONE, 2011, 6, e18384.	1.1	44
370	The Dichotomy in Degree Correlation of Biological Networks. PLoS ONE, 2011, 6, e28322.	1.1	35
371	Evaluation of sexual networks as a cause for disparate HIV prevalence between blacks and whites. Aids, 2011, 25, 1933-1934.	1.0	7
372	Comparison of Sexual Mixing Patterns for Syphilis in Endemic and Outbreak Settings. Sexually Transmitted Diseases, 2011, 38, 378-384.	0.8	19
373	Visualizing bivariate long-tailed data. Electronic Journal of Statistics, 2011, 5, .	0.4	1
374	Locating women board members in gendered director networks. Gender in Management, 2011, 26, 532-549.	1.1	21
375	Sampling Graphs with a Prescribed Joint Degree Distribution Using Markov Chains., 2011,, 151-163.		5
376	Horizontal visibility graphs transformed from fractional Brownian motions: Topological properties versus the Hurst index. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 3592-3601.	1.2	61
377	Universal fractal scaling of self-organized networks. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 3608-3613.	1.2	42
378	Self-organized scale-free networks generated via Merging-and-Creation dynamics with preferential attachment. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4034-4037.	1.2	0

#	Article	IF	CITATIONS
379	The coevolutionary ultimatum game on different network topologies. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4227-4235.	1.2	25
380	On the concepts of complex networks to quantify the difficulty in finding the way out of labyrinths. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 4673-4683.	1.2	13
381	Entropy analysis for inter-domain Internet application flows. Journal of China Universities of Posts and Telecommunications, 2011, 18, 54-60.	0.8	1
382	Environmental effects on social interaction networks and male reproductive behaviour in guppies, Poecilia reticulata. Animal Behaviour, 2011, 81, 551-558.	0.8	37
383	Robustness, Evolvability, and Accessibility in Linear Genetic Programming. Lecture Notes in Computer Science, 2011, , 13-24.	1.0	17
384	Network algorithmics and the emergence of information integration in cortical models. Physical Review E, 2011, 84, 011904.	0.8	4
385	Assortativity of complementary graphs. European Physical Journal B, 2011, 83, 203-214.	0.6	18
386	Indications of marine bioinvasion from network theory. European Physical Journal B, 2011, 84, 601-612.	0.6	23
387	Mean first-passage time for random walks on undirected networks. European Physical Journal B, 2011, 84, 691-697.	0.6	62
388	A Weighted Configuration Model and Inhomogeneous Epidemics. Journal of Statistical Physics, 2011, 145, 1368-1384.	0.5	27
389	Characteristics of real futures trading networks. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 398-409.	1.2	16
390	Emergence of scaling and assortative mixing through altruism. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2192-2197.	1.2	9
391	Topology of the Erasmus student mobility network. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2601-2610.	1.2	24
392	Line graphs as social networks. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2611-2618.	1.2	15
393	Synchronization in scale free networks with degree correlation. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 2840-2844.	1.2	11
394	Analysis Method of Influence of Potential Edge on Information Diffusion. Procedia Computer Science, 2011, 4, 241-250.	1.2	4
395	Examining the global reach of the 2008 US economic downturn. Thunderbird International Business Review, 2011, 53, 129-143.	0.9	3
396	How can social network analysis improve the study of primate behavior?. American Journal of Primatology, 2011, 73, 703-719.	0.8	185

#	Article	IF	CITATIONS
397	Link prediction in complex networks: A survey. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1150-1170.	1.2	2,047
398	A local-world heterogeneous model of wireless sensor networks with node and link diversity. Physica A: Statistical Mechanics and Its Applications, 2011, 390, 1182-1191.	1.2	28
399	Effect of degree correlations above the first shell on the percolation transition. Europhysics Letters, 2011, 96, 38001.	0.7	13
400	Scale-free networks by preferential depletion. Europhysics Letters, 2011, 95, 16005.	0.7	14
401	User association analysis of locales on location based social networks. , 2011, , .		11
402	Local-Global Interaction and the Emergence of Scale-Free Networks with Community Structures. Artificial Life, 2011, 17, 263-279.	1.0	8
403	Onion structure and network robustness. Physical Review E, 2011, 84, 026106.	0.8	80
404	Predicting Criticality and Dynamic Range in Complex Networks: Effects of Topology. Physical Review Letters, 2011, 106, 058101.	2.9	158
405	Effects of network topology, transmission delays, and refractoriness on the response of coupled excitable systems to a stochastic stimulus. Chaos, 2011, 21, 025117.	1.0	34
406	Discovering Explorative Patterns from Real-World Complex Networks. , 2011, , .		0
407	Variability of contact process in complex networks. Chaos, 2011, 21, 043130.	1.0	15
408	Enhancing neural-network performance via assortativity. Physical Review E, 2011, 83, 036114.	0.8	27
409	Computationally efficient measure of topological redundancy of biological and social networks. Physical Review E, 2011, 84, 036117.	0.8	26
410	Penalized versions of the Newman-Girvan modularity and their relation to normalized cuts and nmml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:mi>k</mml:mi> k-means clustering. Physical Review E, 2011, 84, 016108.	0.8	31
411	Combinatorial study of degree assortativity in networks. Physical Review E, 2011, 84, 047101.	0.8	33
412	Stability of strategies in payoff-driven evolutionary games on networks. Chaos, 2011, 21, 033110.	1.0	5
413	A Random Network Ensemble Model Based Generalized Network Community Mining Algorithm. , 2011, , .		0
414	Degree Distribution in Interference-Limited Heterogeneous Wireless Networks and Its Generalizations., 2011,,.		3

#	Article	IF	CITATIONS
415	SaMob: A Social Attributes Based Mobility Model for Ad Hoc Networks. , 2011, , .		7
416	Direct, physically motivated derivation of the contagion condition for spreading processes on generalized random networks. Physical Review E, 2011, 83, 056122.	0.8	8
417	Finding approximately similar patterns in social networks. , 2011, , .		0
418	Inferring domain-domain interactions using an extended parsimony model. , 2011, , .		1
419	Stochastic blockmodels and community structure in networks. Physical Review E, 2011, 83, 016107.	0.8	1,198
420	Insights from unifying modern approximations to infections on networks. Journal of the Royal Society Interface, 2011, 8, 67-73.	1.5	153
421	Improved measures of racial mixing among men who have sex with men using Newman's assortativity coefficient. Sexually Transmitted Infections, 2011, 87, 616-620.	0.8	19
422	A New Community Structure Detection Method Based on Structural Similarity. , 2011, , .		0
423	Relational Classifiers in a Non-relational World: Using Homophily to Create Relations. , 2011, , .		3
424	MIXING PATTERNS AMONG EPIDEMIC GROUPS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 537-547.	0.9	1
425	A new metric for assortative and disassortative mixing in networks. , 2011, , .		0
426	Finding Event-Specific Influencers in Dynamic Social Networks. , 2011, , .		6
427	The Simulation Research on the Evolving Trade Network of the Cluster of the Information Industry in Xi'an. , 2011 , , .		0
428	Happiness Is Assortative in Online Social Networks. Artificial Life, 2011, 17, 237-251.	1.0	197
429	SELF-ORGANIZED CRITICALITY IN AN EARTHQUAKE MODEL BASED ON ASSORTATIVE SCALE-FREE NETWORKS. International Journal of Modern Physics C, 2011, 22, 483-493.	0.8	2
430	MULTI-WEIGHTED MONETARY TRANSACTION NETWORK. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 691-710.	0.9	3
431	The correlation of metrics in complex networks with applications in functional brain networks. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11018.	0.9	67
432	Assessing Vaccination Sentiments with Online Social Media: Implications for Infectious Disease Dynamics and Control. PLoS Computational Biology, 2011, 7, e1002199.	1.5	419

#	Article	IF	CITATIONS
433	Introduction to Network Analysis in Systems Biology. Science Signaling, 2011, 4, tr5.	1.6	108
434	Identification of literary movements using complex networks to represent texts. New Journal of Physics, 2012, 14, 043029.	1.2	35
435	Simple Epidemiological Dynamics Explain Phylogenetic Clustering of HIV from Patients with Recent Infection. PLoS Computational Biology, 2012, 8, e1002552.	1.5	89
436	Bond percolation on a class of correlated and clustered random graphs. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 405005.	0.7	22
437	Determinants of Sexual Network Structure and Their Impact on Cumulative Network Measures. PLoS Computational Biology, 2012, 8, e1002470.	1.5	13
438	Constructing and sampling graphs with a prescribed joint degree distribution. Journal of Experimental Algorithmics, 2012, 17, .	0.7	32
439	Towards a Dynamic Analysis of Weighted Networks in Biogeography. Systematic Biology, 2012, 61, 240.	2.7	18
440	Friendship prediction and homophily in social media. ACM Transactions on the Web, 2012, 6, 1-33.	2.0	259
441	Emotions and dialogue in a peer-production community. , 2012, , .		23
442	Actions speak as loud as words. , 2012, , .		33
443	Susceptible-infected-susceptible model: A comparison of mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> <mml:mi>N</mml:mi> -intertwined and heterogeneous mean-field approximations. Physical Review E, 2012, 86, 026116.	0.8	84
444	Effects of weak ties on epidemic predictability on community networks. Chaos, 2012, 22, 043124.	1.0	33
445	Entropy of stochastic blockmodel ensembles. Physical Review E, 2012, 85, 056122.	0.8	101
446	Features and heterogeneities in growing network models. Physical Review E, 2012, 85, 066110.	0.8	11
447	Microblogging in the Enterprise: A Few Comments are in Order. , 2012, , .		6
448	Statistical properties of avalanches in networks. Physical Review E, 2012, 85, 066131.	0.8	62
449	Enterprise Wisdom Captured Socially. , 2012, , .		6
450	Complex Behavior in an Integrate-and-Fire Neuron Model Based on Assortative Scale-Free Networks. Lecture Notes in Electrical Engineering, 2012, , 457-464.	0.3	0

#	Article	IF	CITATIONS
451	Viruses and Interactomes in Translation. Molecular and Cellular Proteomics, 2012, 11, M111.014738-1-M111.014738-12.	2.5	44
452	Building Smaller Sized Surrogate Models of Complex Bipartite Networks Based on Degree Distributions. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1152-1166.	3.4	5
453	Effect of assortativity on traffic performance in scale-free networks. , 2012, , .		1
454	Beyond Social Graphs. ACM Transactions on the Web, 2012, 6, 1-31.	2.0	119
455	A network growth model based on the evolutionary ultimatum game. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P11013.	0.9	9
456	Small world networks and creativity in audio clip sharing. International Journal of Social Network Mining, 2012, 1, 112.	0.2	5
457	Safety-Information-Driven Human Mobility Patterns with Metapopulation Epidemic Dynamics. Scientific Reports, 2012, 2, 887.	1.6	42
458	Assortative mixing in directed biological networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2012, 9, 66-78.	1.9	82
459	Local motifs in proteins combine to generate global functional moves. Briefings in Functional Genomics, 2012, 11, 479-488.	1.3	17
460	Traffic Fluctuations on Weighted Networks. IEEE Circuits and Systems Magazine, 2012, 12, 33-44.	2.6	13
461	Detection and Interpretation of Communities in Complex Networks: Practical Methods and Application., 2012,, 81-113.		20
462	Geometric Origin of Scaling in Large Traffic Networks. Physical Review Letters, 2012, 109, 208701.	2.9	19
463	Network-Based High Level Data Classification. IEEE Transactions on Neural Networks and Learning Systems, 2012, 23, 954-970.	7.2	73
464	Analysis of an investment social network. , 2012, , .		3
465	Modelling the spread of diseases in clustered networks. Journal of Theoretical Biology, 2012, 315, 110-118.	0.8	24
466	A network analysis of an online expertise sharing community. Social Network Analysis and Mining, 2012, 2, 291-303.	1.9	14
467	Characterizing the Structure of Affliation Networks. Procedia Computer Science, 2012, 9, 567-576.	1.2	1
468	The co-evolution of socio-technical structures in sustainable software development: Lessons from the open source software communities. , 2012 , , .		8

#	Article	IF	CITATIONS
469	Evolution of disconnected components in social networks: Patterns and a generative model., 2012,,.		2
470	Network-Based Models as Tools Hinting at Nonevident Protein Functionality. Annual Review of Biophysics, 2012, 41, 205-225.	4.5	54
471	Structural analysis of online criminal social networks. , 2012, , .		29
472	Community evolution in a scientific collaboration network. , 2012, , .		5
473	Cognitive Radio-Enabled Network-Based Cooperation: From a Connectivity Perspective. IEEE Journal on Selected Areas in Communications, 2012, 30, 1969-1982.	9.7	11
474	How to extract frequent links with frequent itemsets in social networks?. , 2012, , .		1
475	Assortativity decreases the robustness of interdependent networks. Physical Review E, 2012, 86, 066103 .	0.8	163
476	Predicting Communication Intention in Social Networks. , 2012, , .		8
477	Chinese lexical networks: The structure, function and formation. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 5254-5263.	1.2	11
478	Epidemics spreading in interconnected complex networks. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2689-2696.	0.9	28
479	Emergence of robustness against noise: A structural phase transition in evolved models of gene regulatory networks. Physical Review E, 2012, 85, 041908.	0.8	16
480	Network analysis of China's aviation system, statistical and spatial structure. Journal of Transport Geography, 2012, 22, 109-117.	2.3	81
481	Nuraghes and landscape planning: Coupling viewshed with complex network analysis. Landscape and Urban Planning, 2012, 105, 315-324.	3.4	40
482	The organization of physiological brain networks. Clinical Neurophysiology, 2012, 123, 1067-1087.	0.7	514
483	Do greedy assortativity optimization algorithms produce good results?. European Physical Journal B, 2012, 85, 1.	0.6	12
484	Distributed flow optimization and cascading effects in weighted complex networks. European Physical Journal B, 2012, 85, 1.	0.6	20
485	Robustness of correlated networks against propagating attacks. European Physical Journal B, 2012, 85, 1.	0.6	5
486	Revisiting the variation of clustering coefficient of biological networks suggests new modular structure. BMC Systems Biology, 2012, 6, 34.	3.0	33

#	Article	IF	Citations
487	Rational drug repositioning guided by an integrated pharmacological network of protein, disease and drug. BMC Systems Biology, 2012, 6, 80.	3.0	75
488	Modelling epidemics on networks. Contemporary Physics, 2012, 53, 213-225.	0.8	30
489	Robustness and assortativity for diffusion-like processes in scale-free networks. Europhysics Letters, 2012, 97, 68006.	0.7	71
490	Respondent driven sampling and community structure in a population of injecting drug users, Bristol, UK. Drug and Alcohol Dependence, 2012, 126, 324-332.	1.6	19
491	An exponential random graph modeling approach to creating group-based representative whole-brain connectivity networks. NeuroImage, 2012, 60, 1117-1126.	2.1	91
492	Dynamic social networks facilitate cooperation in the <mml:math altimg="si29.gif" display="inline" overflow="scroll" xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math> -player Prisoner's Dilemma. Physica A: Statistical Mechanics and Its Applications. 2012. 391. 6199-6211.	1.2	25
493	Recommender systems. Physics Reports, 2012, 519, 1-49.	10.3	814
494	Constructing and sampling directed graphs with given degree sequences. New Journal of Physics, 2012, 14, 023012.	1.2	52
495	Communities, modules and large-scale structure in networks. Nature Physics, 2012, 8, 25-31.	6.5	633
496	Accuracy of mean-field theory for dynamics on real-world networks. Physical Review E, 2012, 85, 026106.	0.8	113
497	Are All Social Networks Structurally Similar?., 2012, , .		38
498	A Social Network Model Exhibiting Tunable Overlapping Community Structure. Procedia Computer Science, 2012, 9, 1400-1409.	1.2	8
499	Social Network Analysis, Graph Theoretical Approaches to., 2012,, 2864-2877.		7
500	Comparing the Topological and Electrical Structure of the North American Electric Power Infrastructure. IEEE Systems Journal, 2012, 6, 616-626.	2.9	168
501	Labeling Nodes Using Three Degrees of Propagation. PLoS ONE, 2012, 7, e51947.	1.1	17
502	Evolutionary and Biochemical Aspects of Chemical Stress Resistance in Saccharomyces cerevisiae. Frontiers in Genetics, 2012, 3, 47.	1.1	7
503	Properties of functional brain networks correlate with frequency of psychogenic non-epileptic seizures. Frontiers in Human Neuroscience, 2012, 6, 335.	1.0	44
504	The International-Migration Network. SSRN Electronic Journal, 0, , .	0.4	3

#	Article	IF	CITATIONS
505	The International Trade Network in Space and Time. SSRN Electronic Journal, 2012, , .	0.4	13
506	An overview of social network analysis. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2012, 2, 99-115.	4.6	90
507	Community overlays upon real-world complex networks. European Physical Journal B, 2012, 85, 1.	0.6	6
508	Ubiquitousness of link-density and link-pattern communities in real-world networks. European Physical Journal B, 2012, 85, 1.	0.6	28
509	Developmental Evolution in Social Insects: Regulatory Networks from Genes to Societies. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2012, 318, 159-169.	0.6	36
510	Characterizing and modeling an electoral campaign in the context of Twitter: 2011 Spanish Presidential election as a case study. Chaos, 2012, 22, 023138.	1.0	68
511	Human-centric sensing. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 176-197.	1.6	127
512	Evolutionary dynamics on multiple scales: a quantitative analysis of the interplay between genotype, phenotype, and fitness in linear genetic programming. Genetic Programming and Evolvable Machines, 2012, 13, 305-337.	1.5	30
513	Irregular community discovery for cloud service improvement. Journal of Supercomputing, 2012, 61, 317-336.	2.4	7
514	The potential for targeted surveillance of live fish movements in Scotland. Journal of Fish Diseases, 2012, 35, 29-37.	0.9	13
515	Community detection based on a semantic network. Knowledge-Based Systems, 2012, 26, 30-39.	4.0	82
516	On topological properties of the octahedral Koch network. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 880-886.	1.2	16
517	Effects of consumption strategy on wealth distribution on scale-free networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2023-2031.	1.2	6
518	How people make friends in social networking sites—A microscopic perspective. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 1877-1886.	1.2	13
519	Social structure of Facebook networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 4165-4180.	1.2	420
520	Ordered community structure in networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2752-2763.	1.2	5
521	Loan and nonloan flows in the Australian interbank network. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2867-2882.	1.2	13
522	Self-similar scaling of density in complex real-world networks. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 2794-2802.	1.2	85

#	Article	IF	Citations
523	Connectivity of Multiple Cooperative Cognitive Radio Ad Hoc Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 263-270.	9.7	42
524	Society, demography and genetic structure in the spotted hyena. Molecular Ecology, 2012, 21, 613-632.	2.0	159
525	Inferring domain-domain interactions from protein-protein interactions in the complex network conformation. BMC Systems Biology, 2012, 6, S7.	3.0	8
526	An empirical analysis of microblogging behavior in the enterprise. Social Network Analysis and Mining, 2013, 3, 611-633.	1.9	5
527	Characterizing development patterns of health-care social networks. Network Modeling Analysis in Health Informatics and Bioinformatics, 2013, 2, 147-157.	1.2	7
528	Traffic dynamics in the correlated networks with user equilibrium. Nonlinear Dynamics, 2013, 72, 491-498.	2.7	8
529	Uncovering disassortativity in large scale-free networks. Physical Review E, 2013, 87, 022801.	0.8	62
530	On the use of chance-adjusted agreement statistic to measure the assortative transmission of infectious diseases. Computational and Applied Mathematics, 2013, 32, 303-313.	1.3	3
531	Recurrence Network Analysis of the Synchronous EEG Time Series in Normal and Epileptic Brains. Cell Biochemistry and Biophysics, 2013, 66, 331-336.	0.9	10
532	Social organisation of thornbill-dominated mixed-species flocks using social network analysis. Behavioral Ecology and Sociobiology, 2013, 67, 321-330.	0.6	52
533	Who blogs what: understanding the publishing behavior of bloggers. World Wide Web, 2013, 16, 621-644.	2.7	11
534	A Network Model Approach for the Degree Correlation Mixing Pattern. IERI Procedia, 2013, 4, 53-58.	0.3	0
535	Epidemic dynamics on semi-directed complex networks. Mathematical Biosciences, 2013, 246, 242-251.	0.9	31
536	Sources of variation in social networks. Games and Economic Behavior, 2013, 79, 106-131.	0.4	6
537	Networking Agroecology. Advances in Ecological Research, 2013, , 1-67.	1.4	50
538	International migration network: Topology and modeling. Physical Review E, 2013, 88, 012812.	0.8	70
539	Convergence of HIV Prevalence and Inter-Racial Sexual Mixing Among Men Who Have Sex with Men, San Francisco, 2004–2011. AIDS and Behavior, 2013, 17, 1550-1556.	1.4	12
540	Network analysis of the Āslendinga s¶gur – the Sagas of Icelanders. European Physical Journal B, 2013, 86, 1.	0.6	30

#	Article	IF	Citations
541	Complex Network Structure of Flocks in the Standard Vicsek Model. Journal of Statistical Physics, 2013, 153, 270-288.	0.5	11
542	Considering baseline homophily when generating spatial social networks for agent-based modelling. Computational and Mathematical Organization Theory, 2013, 19, 128-150.	1.5	19
543	Effect of the social influence on topological properties of user-object bipartite networks. European Physical Journal B, 2013, 86, 1.	0.6	12
544	Communication and organizational social networks: a simulation model. Computational and Mathematical Organization Theory, 2013, 19, 460-479.	1.5	13
545	Individual personalities predict social behaviour in wild networks of great tits (<i>Parus major)</i> Ecology Letters, 2013, 16, 1365-1372.	3.0	287
546	The Influence of Network Properties on the Synchronization of Kuramoto Oscillators Quantified by a Bayesian Regression Analysis. Journal of Statistical Physics, 2013, 152, 519-533.	0.5	4
547	Internet Unite-and-Conquer architecture. , 2013, , .		0
548	The influence of degree mixing patterns on synchronization paths. , 2013, , .		1
549	Edge Balance Ratio: Power Law From Vertices to Edges in Directed Complex Network. IEEE Journal on Selected Topics in Signal Processing, 2013, 7, 184-194.	7.3	3
550	Statistical Selection of Congruent Subspaces for Mining Attributed Graphs. , 2013, , .		35
551	A sock puppet detection algorithm on virtual spaces. Knowledge-Based Systems, 2013, 37, 366-377.	4.0	65
552	Growing Trees in Child Brains: Graph Theoretical Analysis of Electroencephalography-Derived Minimum Spanning Tree in 5- and 7-Year-Old Children Reflects Brain Maturation. Brain Connectivity, 2013, 3, 50-60.	0.8	165
553	Intraday volatility spillovers between spot and futures indices: Evidence from the Korean stock market. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 1795-1802.	1.2	38
554	Temporal characterisation of the network of Danish cattle movements and its implication for disease control: 2000–2009. Preventive Veterinary Medicine, 2013, 110, 379-387.	0.7	45
555	Generating graphs that approach a prescribed modularity. Computer Communications, 2013, 36, 363-372.	3.1	10
556	Networks and the ecology of parasite transmission: A framework for wildlife parasitology. International Journal for Parasitology: Parasites and Wildlife, 2013, 2, 235-245.	0.6	112
557	Antagonism influences assembly of a <i>Bacillus</i> guild in a local community and is depicted as a food-chain network. ISME Journal, 2013, 7, 487-497.	4.4	94
558	Scalable and Accurate Graph Clustering and Community Structure Detection. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1022-1029.	4.0	25

#	Article	IF	CITATIONS
559	Model for generating artificial social networks having community structures with small-world and scale-free properties. Social Network Analysis and Mining, 2013, 3, 597-609.	1.9	32
560	Hierarchy in directed random networks. Physical Review E, 2013, 87, 022817.	0.8	10
561	Missing Links: Referrer Behavior and Job Segregation. Management Science, 2013, 59, 2470-2489.	2.4	93
562	Classifying healthy women and preeclamptic patients from cardiovascular data using recurrence and complex network methods. Autonomic Neuroscience: Basic and Clinical, 2013, 178, 103-110.	1.4	21
563	The rise and fall of interdisciplinary research: The case of open source innovation. Research Policy, 2013, 42, 1138-1151.	3.3	65
564	Targeting Revenue Leaders for a New Product. Journal of Marketing, 2013, 77, 65-80.	7.0	93
565	The Anatomy of a Scientific Rumor. Scientific Reports, 2013, 3, 2980.	1.6	215
566	Social and place-focused communities in location-based online social networks. European Physical Journal B, 2013, 86, 1.	0.6	20
567	A fast parallel modularity optimization algorithm (FPMQA) for community detection in online social network. Knowledge-Based Systems, 2013, 50, 246-259.	4.0	82
568	Co-evolution of networks and quantum dynamics: a generalization of preferential attachment. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P08016.	0.9	2
569	Analyzing the social ties and structure of contributors in open source software community., 2013,,.		21
570	Bio-inspired strategy for control of viral spreading in networks. , 2013, , .		7
571	Standard deviations of degree differences as indicators of mixing patterns in complex networks. , 2013, , .		0
572	Signals from the crowd. , 2013, , .		82
573	iHypR. ACM Transactions on Knowledge Discovery From Data, 2013, 7, 1-32.	2.5	0
574	Perception of similarity: a model for social network dynamics. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 455102.	0.7	23
575	Modelling tree shape and structure in viral phylodynamics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120208.	1.8	61
576	The diminishing role of hubs in dynamical processes on complex networks. Journal of the Royal Society Interface, 2013, 10, 20130568.	1.5	35

#	Article	IF	Citations
577	How the online social networks are used: dialogues-based structure of <tt>MySpace</tt> . Journal of the Royal Society Interface, 2013, 10, 20120819.	1.5	34
578	Inferring population-level contact heterogeneity from common epidemic data. Journal of the Royal Society Interface, 2013, 10, 20120578.	1.5	19
579	Growing highly synchronizable scale-free networks. Europhysics Letters, 2013, 101, 60004.	0.7	1
581	Robustness envelopes of networks. Journal of Complex Networks, 2013, 1, 44-62.	1.1	72
582	Network Dynamics and the Evolution of International Cooperation. American Political Science Review, 2013, 107, 766-785.	2.6	98
583	Network robustness and topological characteristics in scale-free networks. , 2013, , .		6
584	Combining a popularity-productivity stochastic block model with a discriminative-content model for general structure detection. Physical Review E, 2013, 88, 012807.	0.8	16
585	Network reliability: The effect of local network structure on diffusive processes. Physical Review E, 2013, 88, 052810.	0.8	22
586	Percolation on random networks with arbitrary <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>k</mml:mi></mml:math> -core structure. Physical Review E, 2013, 88, 062820.	0.8	23
587	Epidemic fronts in complex networks with metapopulation structure. Physical Review E, 2013, 88, 012809.	0.8	24
588	Rumor dynamics with inoculations for correlated scale free networks. , 2013, , .		14
589	Assortative mixing in functional brain networks during epileptic seizures. Chaos, 2013, 23, 033139.	1.0	58
590	Rumor Dynamics and Inoculation of Nodes in Weighted Scale Free Networks with Degree-Degree Correlation. , 2013, , .		5
591	Connectivity and Systemic Risk in the Brazilian National Payments System. , 2013, , .		1
592	Structural robustness of scale-free networks against overload failures. Physical Review E, 2013, 88, 012803.	0.8	15
593	Random line graphs and a linear law for assortativity. Physical Review E, 2013, 87, 012816.	0.8	5
594	Determining and Understanding Dynamically Important Differences between Complex Networks Using Reliability-Induced Structural Motifs. , 2013, , .		1
595	Analysis of Influential Features for Information Diffusion. , 2013, , .		1

#	Article	IF	CITATIONS
596	INFORMATION DIFFUSION IN FACEBOOK-LIKE SOCIAL NETWORKS UNDER INFORMATION OVERLOAD. International Journal of Modern Physics C, 2013, 24, 1350047.	0.8	17
597	Effect of correlations on network controllability. Scientific Reports, 2013, 3, 1067.	1.6	155
598	Application of directed transfer function and network formalism for the assessment of functional connectivity in working memory task. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20110614.	1.6	34
599	Network measures for information extraction in evolutionary algorithms. International Journal of Computational Intelligence Systems, 2013, 6, 1163-1188.	1.6	13
600	"I need to try this"?., 2013,,.		80
601	Characterising and modelling social networks with overlapping communities. International Journal of Web Based Communities, 2013, 9, 371.	0.2	3
602	The rich club phenomenon in the classroom. Scientific Reports, 2013, 3, 1174.	1.6	58
603	Network Mixing and Network Influences Most Linked to HIV Infection and Risk Behavior in the HIV Epidemic Among Black Men Who Have Sex With Men. American Journal of Public Health, 2013, 103, e28-e36.	1.5	118
604	Random degree–degree correlated networks. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P02024.	0.9	3
605	Assortativity and clustering of sparse random intersection graphs. Electronic Journal of Probability, 2013, 18, .	0.5	26
606	Multilayer Networks. SSRN Electronic Journal, O, , .	0.4	50
607	Inferring Community Structure in Healthcare Forums. Methods of Information in Medicine, 2013, 52, 160-167.	0.7	24
608	The Community Structure of the European Network of Interlocking Directorates 2005–2010. PLoS ONE, 2013, 8, e68581.	1.1	31
609	Large-scale network organization in the avian forebrain: a connectivity matrix and theoretical analysis. Frontiers in Computational Neuroscience, 2013, 7, 89.	1.2	191
610	Positive Network Assortativity of Influenza Vaccination at a High School: Implications for Outbreak Risk and Herd Immunity. PLoS ONE, 2014, 9, e87042.	1.1	76
611	BraX-Ray: An X-Ray of the Brazilian Computer Science Graduate Programs. PLoS ONE, 2014, 9, e94541.	1.1	16
612	Limits and Trade-Offs of Topological Network Robustness. PLoS ONE, 2014, 9, e108215.	1.1	6
613	Estimation of Global Network Statistics from Incomplete Data. PLoS ONE, 2014, 9, e108471.	1.1	24

#	Article	IF	CITATIONS
614	Degree Correlations in Directed Scale-Free Networks. PLoS ONE, 2014, 9, e110121.	1.1	50
615	Modeling of Information Diffusion in Twitter-Like Social Networks under Information Overload. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	13
616	Geometric Assortative Growth Model for Small-World Networks. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	10
617	R&D Networks: Theory, Empirics and Policy Implications. SSRN Electronic Journal, 0, , .	0.4	15
618	Correlations between climate network and relief data. Nonlinear Processes in Geophysics, 2014, 21, 1127-1132.	0.6	13
619	Taxonomy and Survey Of Community Discovery Methods in Complex Networks. International Journal of Computer Science & Engineering Survey, 2014, 5, 1-19.	0.2	6
620	Complex network structure of flocks in the Vicsek Model with Vectorial Noise. International Journal of Modern Physics C, 2014, 25, 1350095.	0.8	4
621	ESTIMATING USER INFLUENCE IN ONLINE SOCIAL NETWORKS SUBJECT TO INFORMATION OVERLOAD. International Journal of Modern Physics B, 2014, 28, 1450004.	1.0	14
622	Multilayer networks. Journal of Complex Networks, 2014, 2, 203-271.	1.1	2,388
623	Communities, Random Walks, and Social Sybil Defense. Internet Mathematics, 2014, 10, 360-420.	0.7	3
624	Model selection for degree-corrected block models. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P05007.	0.9	69
625	Percolation on networks with dependence links. Chinese Physics B, 2014, 23, 076402.	0.7	8
626	Optimization of robustness of network controllability against malicious attacks. Chinese Physics B, 2014, 23, 118902.	0.7	24
627	NODE MIXING AND GROUP STRUCTURE OF COMPLEX SOFTWARE NETWORKS. International Journal of Modeling, Simulation, and Scientific Computing, 2014, 17, 1450022.	0.9	13
628	Degree-Degree Dependencies in Random Graphs with Heavy-Tailed Degrees. Internet Mathematics, 2014, 10, 287-334.	0.7	20
630	Network of participants in European research: accepted versus rejected proposals. European Physical Journal B, 2014, 87, 1.	0.6	3
631	Complex tourism systems: a visibility graph approach. Kybernetes, 2014, 43, 445-461.	1.2	23
632	Information network or social network?., 2014,,.		194

#	ARTICLE	IF	CITATIONS
633	Gas-Water Fluid Structure Complex Network. SpringerBriefs in Applied Sciences and Technology, 2014, , 47-62.	0.2	0
634	Emergence of Assortative Mixing between Clusters of Cultured Neurons. PLoS Computational Biology, 2014, 10, e1003796.	1.5	61
635	Topological Structure of Urban Street Networks from the Perspective of Degree Correlations. Environment and Planning B: Planning and Design, 2014, 41, 813-828.	1.7	26
636	Resource redistribution in polydomous ant nest networks: local or global?. Behavioral Ecology, 2014, 25, 1183-1191.	1.0	31
637	New Lower Bounds for the Fundamental Weight of the Principal Eigenvector in Complex Networks. , 2014, , .		0
638	Impact of Structure Balance on Opinion Spreading in Signed Social Networks. , 2014, , .		1
639	Direct generation of random graphs exactly realising a prescribed degree sequence., 2014,,.		0
640	What is Tumblr. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2014, 16, 21-29.	3.2	55
641	Generating online social networks based on socio-demographic attributes. Journal of Complex Networks, 2014, 2, 475-494.	1.1	8
642	Clique guided community detection. , 2014, , .		5
643	Constructing and Analyzing Criminal Networks. , 2014, , .		33
644	Dynamics on modular networks with heterogeneous correlations. Chaos, 2014, 24, 023106.	1.0	30
645	Oriented and degree-generated block models: generating and inferring communities with inhomogeneous degree distributions. Journal of Complex Networks, 2014, 2, 1-18.	1.1	18
646	Connectivity and systemic risk in the Brazilian national payments system. Journal of Complex Networks, 2014, 2, 585-613.	1.1	9
647	Epidemic spreading and immunization on assortative degree mixing networks., 2014,,.		0
648	Automated software remodularization based on move refactoring. , 2014, , .		15
649	Detecting network communities beyond assortativity-related attributes. Physical Review E, 2014, 90, 012806.	0.8	7
650	Edge orientation for optimizing controllability of complex networks. Physical Review E, 2014, 90, 042804.	0.8	38

#	Article	IF	CITATIONS
651	Efficiently inferring community structure in bipartite networks. Physical Review E, 2014, 90, 012805.	0.8	142
652	Mapping the online communication patterns of political conversations. Physica A: Statistical Mechanics and Its Applications, 2014, 414, 403-413.	1.2	16
653	Catalytic reaction dynamics in inhomogeneous networks. Physical Review E, 2014, 89, 052806.	0.8	1
654	Computational Studies of Allosteric Regulation in the Hsp90 Molecular Chaperone: From Functional Dynamics and Protein Structure Networks to Allosteric Communications and Targeted Anti ancer Modulators. Israel Journal of Chemistry, 2014, 54, 1052-1064.	1.0	5
655	Exploring Biotic Interactions Within Protist Cell Populations Using Network Methods. Journal of Eukaryotic Microbiology, 2014, 61, 399-403.	0.8	2
656	Modeling and performance analysis of information diffusion under information overload in Facebookâ€ike social networks. International Journal of Communication Systems, 2014, 27, 1268-1288.	1.6	23
657	Percolation of spatially constrained Erdős-Rényi networks with degree correlations. Physical Review E, 2014, 89, 012116.	0.8	26
658	Functional Brain Networks Formed Using Cross-Sample Entropy Are Scale Free. Brain Connectivity, 2014, 4, 454-464.	0.8	19
659	The network structure of mathematical knowledge according to the Wikipedia, MathWorld, and DLMF online libraries. Network Science, 2014, 2, 367-386.	0.8	2
660	Polarization of coalitions in an agent-based model of political discourse. Computational Social Networks, 2014, 1, .	2.1	15
661	Assortativity coefficient-based estimation of population patterns of sexual mixing when cluster size is informative. Sexually Transmitted Infections, 2014, 90, 332-336.	0.8	5
662	Prediction and Planning of Distributed Task Management Using Network Centrality. , 2014, , .		2
663	Structural Architecture of the Social Network of a Non-Human Primate (Macaca sylvanus): A Study of Its Topology in La Forêt des Singes, Rocamadour. Folia Primatologica, 2014, 85, 154-163.	0.3	11
664	Extensive Gene Remodeling in the Viral World: New Evidence for Nongradual Evolution in the Mobilome Network. Genome Biology and Evolution, 2014, 6, 2195-2205.	1.1	26
665	Detecting serial residential burglaries using clustering. Expert Systems With Applications, 2014, 41, 5252-5266.	4.4	30
666	Epilepsy surgery outcome and functional network alterations in longitudinal MEG: A minimum spanning tree analysis. Neurolmage, 2014, 86, 354-363.	2.1	113
667	The organisational structure of protein networks: revisiting the centrality–lethality hypothesis. Systems and Synthetic Biology, 2014, 8, 73-81.	1.0	80
668	Interdependency and hierarchy of exact and approximate epidemic models on networks. Journal of Mathematical Biology, 2014, 69, 183-211.	0.8	15

#	Article	IF	CITATIONS
669	Measuring phenotypic assortment in animal social networks: weighted associations are more robust than binary edges. Animal Behaviour, 2014, 89, 141-153.	0.8	184
670	ComPlEx: conservation and divergence of co-expression networks in A. thaliana, Populus and O. sativa. BMC Genomics, 2014, 15, 106.	1.2	69
671	Degree-dependent network growth: From preferential attachment to explosive percolation. Physical Review E, 2014, 89, 042815.	0.8	2
672	The construction of an amino acid network for understanding protein structure and function. Amino Acids, 2014, 46, 1419-1439.	1.2	92
673	Architecture of the Florida power grid as a complex network. Physica A: Statistical Mechanics and Its Applications, 2014, 401, 130-140.	1.2	24
674	Evolutionary events in a mathematical sciences research collaboration network. Scientometrics, 2014, 99, 973-998.	1.6	17
675	Lock-in or lock-out? How structural properties of knowledge networks affect regional resilience. Journal of Economic Geography, 2014, 14, 199-219.	1.6	234
676	Interaction in agent-based economics: A survey on the network approach. Physica A: Statistical Mechanics and Its Applications, 2014, 399, 1-15.	1.2	32
677	Examining the Role of "Place" in Twitter Networks through the Lens of Contentious Politics. , 2014, , .		7
678	Influence of vaccination strategies and topology on the herd immunity of complex networks. Social Network Analysis and Mining, $2014, 4, 1$.	1.9	11
679	Social insect colony as a biological regulatory system: modelling information flow in dominance networks. Journal of the Royal Society Interface, 2014, 11, 20140951.	1.5	16
680	Structural differences between open and direct communication in an online community. Physica A: Statistical Mechanics and Its Applications, 2014, 414, 263-273.	1.2	22
681	Functional brain networks: great expectations, hard times and the big leap forward. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130525.	1.8	65
682	Competitive diffusion in online social networks with heterogeneous users. International Journal of Modern Physics B, 2014, 28, 1450147.	1.0	3
683	The structure and dynamics of multilayer networks. Physics Reports, 2014, 544, 1-122.	10.3	2,469
684	The influence of age-age correlations on epidemic spreading in social network. European Physical Journal B, 2014, 87, 1.	0.6	3
685	Exploring community structure in biological networks with random graphs. BMC Bioinformatics, 2014, 15, 220.	1.2	64
686	Integrating Concepts and Knowledge in Large Content Networks. New Generation Computing, 2014, 32, 309-330.	2.5	4

#	Article	IF	CITATIONS
687	Structural Bridging Network Position is Associated with HIV Status in a Younger Black Men Who Have Sex with Men Epidemic. AIDS and Behavior, 2014, 18, 335-345.	1.4	39
688	An Analysis of Shipping Agreements: The Cooperative Container Network. Networks and Spatial Economics, 2014, 14, 357-377.	0.7	54
689	A Taxonomy and Survey of Microscopic Mobility Models from the Mobile Networking Domain. ACM Computing Surveys, 2014, 47, 1-32.	16.1	23
690	Strong propensity for HIV transmission among men who have sex with men in Vietnam: behavioural data and sexual network modelling. BMJ Open, 2014, 4, e003526.	0.8	14
691	Characteristic times of biased random walks on complex networks. Physical Review E, 2014, 89, 012803.	0.8	67
692	Clusters for life or life cycles of clusters: in search of the critical factors of clusters' resilience. Entrepreneurship and Regional Development, 2014, 26, 142-164.	2.0	95
693	Stock network stability in times of crisis. Physica A: Statistical Mechanics and Its Applications, 2014, 393, 376-381.	1.2	80
694	Group detection in complex networks: An algorithm and comparison of the state of the art. Physica A: Statistical Mechanics and Its Applications, 2014, 397, 144-156.	1.2	21
695	The Strategic Environment Assessment bibliographic network: A quantitative literature review analysis. Environmental Impact Assessment Review, 2014, 47, 14-28.	4.4	19
696	Local cattle movements in response to ongoing bovine tuberculosis zonation and regulations in Michigan, USA. Preventive Veterinary Medicine, 2014, 114, 201-212.	0.7	13
697	Efficiency of human activity on information spreading on Twitter. Social Networks, 2014, 39, 1-11.	1.3	66
699	Node Assortativity in Complex Networks: An Alternative Approach. Procedia Computer Science, 2014, 29, 2449-2461.	1.2	38
700	A measurement-based study on the correlations of inter-domain Internet application flows. Computer Networks, 2014, 58, 127-140.	3.2	3
701	Participation motifs and the emergence of organization in open productions. Structural Change and Economic Dynamics, 2014, 29, 40-57.	2.1	4
702	Who mixes with whom among men who have sex with men? Implications for modelling the HIV epidemic in southern India. Journal of Theoretical Biology, 2014, 355, 140-150.	0.8	9
703	Remodeling the network for microgroup detection on microblog. Knowledge and Information Systems, 2014, 39, 643-665.	2.1	7
705	How Online Design Communities Evolve Over Time: The Birth and Growth of OpenIDEO., 2014,,.		10
706	Local context selection for outlier ranking in graphs with multiple numeric node attributes. , 2014, , .		35

#	Article	IF	Citations
707	Topological stability of evolutionarily unstable strategies. , 2014, , .		2
708	Community Structure and Dynamics of the Industry Sector-Specific International-Trade-Network. , 2014, , .		9
709	Diffusion Dynamics in Structured Online Social Networks with Push-Based Forwarding Mechanism. , 2014, , .		0
710	Characterizing of Chinese lexical networks. , 2014, , .		0
711	The Influence of Social Status on Consensus Building in Collaboration Networks. , 2015, , .		1
712	Characterization of the live salmonid movement network in Ireland: Implications for disease prevention and control. Preventive Veterinary Medicine, 2015, 122, 195-204.	0.7	20
713	Influence modelling using bounded rationality in social networks. , 2015, , .		3
714	Fractal and Small-World Networks Formed by Self-Organized Critical Dynamics. Journal of the Physical Society of Japan, 2015, 84, 114003.	0.7	19
715	Effects of assortative mixing in the second-order Kuramoto model. Physical Review E, 2015, 91, 052805.	0.8	29
716	Frequency assortativity can induce chaos in oscillator networks. Physical Review E, 2015, 91, 060902.	0.8	24
717	Hyperbolicity measures democracy in real-world networks. Physical Review E, 2015, 92, 032812.	0.8	24
718	Hamiltonian mean field model: Effect of network structure on synchronization dynamics. Physical Review E, 2015, 92, 052802.	0.8	6
719	General and exact approach to percolation on random graphs. Physical Review E, 2015, 92, 062807.	0.8	21
720	Critical tipping point distinguishing two types of transitions in modular network structures. Physical Review E, 2015, 92, 062805.	0.8	43
721	Breaking the News., 2015,,.		7
722	From sparse to dense and from assortative to disassortative in online social networks. Scientific Reports, 2014, 4, 4861.	1.6	15
723	Beyond network structure: How heterogeneous susceptibility modulates the spread of epidemics. Scientific Reports, 2014, 4, 4795.	1.6	30
724	The Basic Reproduction Number as a Predictor for Epidemic Outbreaks in Temporal Networks. PLoS ONE, 2015, 10, e0120567.	1.1	62

#	Article	IF	Citations
725	Efficient Algorithms for a Robust Modularity-Driven Clustering of Attributed Graphs., 2015,,.		14
726	The Social World of Content Abusers in Community Question Answering. , 2015, , .		40
727	Dominating Scale-Free Networks Using Generalized Probabilistic Methods. Scientific Reports, 2014, 4, 6308.	1.6	13
728	Effects of random rewiring on the degree correlation of scale-free networks. Scientific Reports, 2015, 5, 15450.	1.6	12
729	Incorporating Contact Network Structure in Cluster Randomized Trials. Scientific Reports, 2015, 5, 17581.	1.6	21
730	Beyond Friendships and Followers. , 2015, , .		7
731	Analysis of Degree Distribution for a Duplication Model of Social Networks. , 2015, , .		0
732	Centrality Fingerprints for Power Grid Network Growth Models. Physics Procedia, 2015, 68, 52-55.	1.2	3
733	Why Did False Rumors Diffuse after the 2011 Earthquake off the Pacific Coast of Tohoku? Impact Analysis of the Network Structure. Electronics and Communications in Japan, 2015, 98, 1-13.	0.3	3
734	Microstate connectivity alterations in patients with early Alzheimer's disease. Alzheimer's Research and Therapy, 2015, 7, 78.	3.0	38
735	Misery loves company: happiness and communication in the city. EPJ Data Science, 2015, 4, .	1.5	10
736	Complex networks and public funding: the case of the 2007-2013 Italian program. EPJ Data Science, 2015, 4, .	1.5	3
737	Exact sampling of graphs with prescribed degree correlations. New Journal of Physics, 2015, 17, 083052.	1.2	31
738	The assortativity of scholars at a research-intensive university in Malaysia. Electronic Library, 2015, 33, 162-180.	0.8	4
739	Disrupted brain network topology in pediatric posttraumatic stress disorder: A restingâ€state fMRI study. Human Brain Mapping, 2015, 36, 3677-3686.	1.9	103
740	The heterogeneity of interâ€domain Internet application flows: entropic analysis and flow graph modelling. Transactions on Emerging Telecommunications Technologies, 2015, 26, 760-771.	2.6	3
741	Clustering Algorithm for the MATLAB/Simulink Model to Reduce the Inter-group Feedback. Transactions of the Japanese Society for Artificial Intelligence, 2015, 30, 791-801.	0.1	0
742	Time-dependent degree-degree correlations in epileptic brain networks: from assortative to dissortative mixing. Frontiers in Human Neuroscience, 2015, 9, 462.	1.0	31

#	Article	IF	Citations
743	Micro-Macro Analysis of Complex Networks. PLoS ONE, 2015, 10, e0116670.	1.1	15
744	A Complex Network Approach to Stylometry. PLoS ONE, 2015, 10, e0136076.	1.1	61
745	Deciphering Cis-Regulatory Element Mediated Combinatorial Regulation in Rice under Blast Infected Condition. PLoS ONE, 2015, 10, e0137295.	1,1	13
746	Resilience of Self-Organised and Top-Down Planned Cities—A Case Study on London and Beijing Street Networks. PLoS ONE, 2015, 10, e0141736.	1.1	28
747	Network topology of the desert rose. Frontiers in Physics, 2015, 3, .	1.0	7
748	Topological impact of constrained fracture growth. Frontiers in Physics, 2015, 3, .	1.0	22
749	CC-PSM: A Preference-Aware Selection Model for Cloud Service Based on Consumer Community. Mathematical Problems in Engineering, 2015, 2015, 1-13.	0.6	9
750	Analyzing the Evolution and the Future of the Internet Topology Focusing on Flow Hierarchy. Journal of Computer Networks and Communications, 2015, 2015, 1-18.	1.2	5
751	The Impact of International Crises on Maritime Transportation-Based Global Value Chains. SSRN Electronic Journal, $2015, , .$	0.4	1
752	A statistically inferred microRNA network identifies breast cancer target miR-940 as an actin cytoskeleton regulator. Scientific Reports, 2015, 5, 8336.	1.6	28
753	Assembly constraints drive co-evolution among ribosomal constituents. Nucleic Acids Research, 2015, 43, 5352-5363.	6.5	13
754	Building Damage-Resilient Dominating Sets in Complex Networks against Random and Targeted Attacks. Scientific Reports, 2015, 5, 8321.	1.6	22
755	Social ties and concern for global warming. Climatic Change, 2015, 132, 173-192.	1.7	12
756	Assortative mixing, preferential attachment, and triadic closure: A longitudinal study of tie-generative mechanisms in journal citation networks. Journal of Informetrics, 2015, 9, 250-262.	1.4	14
757	Topology and evolution of the network of western classical music composers. EPJ Data Science, 2015, 4, .	1.5	31
758	Measuring political polarization: Twitter shows the two sides of Venezuela. Chaos, 2015, 25, 033114.	1.0	119
759	Small-world networks of residue interactions in the Abl kinase complexes with cancer drugs: topology of allosteric communication pathways can determine drug resistance effects. Molecular BioSystems, 2015, 11, 2082-2095.	2.9	6
760	Multimodal signalling in the North American barn swallow: a phenotype network approach. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151574.	1,2	51

#	Article	IF	CITATIONS
761	Community Dynamics and Controllability of G7 Global Production Network., 2015,,.		6
762	Community-centric analysis of user engagement in Skype social network., 2015,,.		10
763	Assortativity in complex networks. Journal of Complex Networks, 2015, 3, 507-542.	1.1	172
764	A multilayer protein-protein interaction network analysis of different life stages in Caenorhabditis elegans. Europhysics Letters, 2015, 112, 58001.	0.7	35
765	A statistical network analysis of the HIV/AIDS epidemics in Cuba. Social Network Analysis and Mining, 2015, 5, 1.	1.9	7
766	An integer programming approach and visual analysis for detecting hierarchical community structures in social networks. Information Sciences, 2015, 299, 296-311.	4.0	25
767	Selection for territory acquisition is modulated by social network structure in a wild songbird. Journal of Evolutionary Biology, 2015, 28, 547-556.	0.8	75
768	Assortative and disassortative mixing investigated using the spectra of graphs. Physical Review E, 2015, 91, 012813.	0.8	12
769	Trends in the HIV Epidemic Among African American Men Who Have Sex with Men, San Francisco, 2004–2011. AIDS and Behavior, 2015, 19, 2311-2316.	1.4	6
770	Gaussian Networks Generated by Random Walks. Journal of Statistical Physics, 2015, 159, 108-119.	0.5	2
771	Racial/Ethnic Differences in Sexual Network Mixing: A Log-Linear Analysis of HIV Status by Partnership and Sexual Behavior Among Most at-Risk MSM. AIDS and Behavior, 2015, 19, 996-1004.	1.4	13
772	Experimental manipulation of avian social structure reveals segregation is carried over across contexts. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142350.	1.2	54
773	Synchronization-optimized networks for coupled nearly identical oscillators and their structural analysis. Pramana - Journal of Physics, 2015, 84, 173-182.	0.9	0
774	The Role of Geographic and Network Factors in Racial Disparities in HIV Among Young Men Who have Sex with Men: An Egocentric Network Study. AIDS and Behavior, 2015, 19, 1037-1047.	1.4	84
775	Identification of core-periphery structure in networks. Physical Review E, 2015, 91, 032803.	0.8	130
776	Comparing the topological properties of real and artificially generated scientific manuscripts. Scientometrics, 2015, 105, 1763-1779.	1.6	51
777	Sufficient conditions of endemic threshold on metapopulation networks. Journal of Theoretical Biology, 2015, 380, 134-143.	0.8	5
778	Hierarchical sequencing of online social graphs. Physica A: Statistical Mechanics and Its Applications, 2015, 436, 582-595.	1.2	29

#	Article	IF	Citations
779	Inter-generational contact from a network perspective. Advances in Life Course Research, 2015, 24, 10-20.	0.8	16
780	The role of heterogeneity in contact timing and duration in network models of influenza spread in schools. Journal of the Royal Society Interface, 2015, 12, 20150279.	1.5	53
781	Analysis of opinion spreading in signed social networks under the impact of structural balance. International Journal of Modern Physics B, 2015, 29, 1550079.	1.0	10
782	Information diffusion in structured online social networks. Modern Physics Letters B, 2015, 29, 1550063.	1.0	1
783	Effects of degree correlations on the explosive synchronization of scale-free networks. Physical Review E, 2015, 91, 032811.	0.8	30
784	Different flavors of randomness: comparing random graph models with fixed degree sequences. Social Network Analysis and Mining, 2015, 5, 1.	1.9	13
785	The role of social and ecological processes in structuring animal populations: a case study from automated tracking of wild birds. Royal Society Open Science, 2015, 2, 150057.	1.1	91
786	Degree-Degree Dependencies in Directed Networks with Heavy-Tailed Degrees. Internet Mathematics, 2015, 11, 155-179.	0.7	13
787	A mixing evolution model for bidirectional microblog user networks. Physica A: Statistical Mechanics and Its Applications, 2015, 432, 167-179.	1.2	9
788	Multiple leaders on a multilayer social media. Chaos, Solitons and Fractals, 2015, 72, 90-98.	2.5	30
789	Testing ecological theories with sequence similarity networks: marine ciliates exhibit similar geographic dispersal patterns as multicellular organisms. BMC Biology, 2015, 13, 16.	1.7	42
790	Volatility behavior of visibility graph EMD financial time series from Ising interacting system. Physica A: Statistical Mechanics and Its Applications, 2015, 432, 301-314.	1.2	19
791	Disrupted Functional Brain Connectome in Patients with Posttraumatic Stress Disorder. Radiology, 2015, 276, 818-827.	3.6	136
792	Smart Rewiring: Improving Network Robustness Faster. Chinese Physics Letters, 2015, 32, 078901.	1.3	12
793	Multi-agent modeling methods for massivley Multi-Player On-Line Role-Playing Games. , 2015, , .		9
794	Experimental resource pulses influence social-network dynamics and the potential for information flow in tool-using crows. Nature Communications, 2015, 6, 7197.	5.8	46
795	Learning latent block structure in weighted networks. Journal of Complex Networks, 2015, 3, 221-248.	1.1	184
796	Rumor dynamics in weighted scale-free networks with degree correlations. Journal of Complex Networks, 2015, 3, 450-468.	1.1	10

#	Article	IF	Citations
797	Social Networking by Proxy., 2015,,.		4
798	Evolution and emergence of infectious diseases in theoretical and real-world networks. Nature Communications, 2015, 6, 6101.	5.8	102
799	Essential protein identification based on essential protein–protein interaction prediction by Integrated Edge Weights. Methods, 2015, 83, 51-62.	1.9	25
800	Disassortative Degree Mixing and Information Diffusion for Overlapping Community Detection in Social Networks (DMID). , 2015, , .		7
801	Rethinking urban green space accessibility: Evaluating and optimizing public transportation system through social network analysis in megacities. Landscape and Urban Planning, 2015, 143, 150-159.	3.4	60
802	Evolutionary Stable Strategies In Networked Games: The Influence Of Topology. Journal of Artificial Intelligence and Soft Computing Research, 2015, 5, 83-95.	3.5	16
803	Network-based statistical comparison of citation topology of bibliographic databases. Scientific Reports, 2014, 4, 6496.	1.6	25
804	Unveiling correlations between financial variables and topological metrics of trading networks: Evidence from a stock and its warrant. Physica A: Statistical Mechanics and Its Applications, 2015, 419, 575-584.	1.2	27
805	Visualization of Functional Community Structure in Complex Network. Journal of the Visualization Society of Japan, 2016, 36, 14-20.	0.0	0
806	The role of partners' educational attainment in the association between HIV and education amongst women in seven subâ€6aharan African countries. Journal of the International AIDS Society, 2016, 19, 20038.	1.2	7
807	The Rise and Fall of R&D Networks. SSRN Electronic Journal, 0, , .	0.4	6
808	Structure and Evolution of a European Parliament via a Network and Correlation Analysis. SSRN Electronic Journal, 2016, , .	0.4	0
809	Bayesian degree-corrected stochastic blockmodels for community detection. Electronic Journal of Statistics, $2016, 10, \ldots$	0.4	13
810	Structure, Function, and Propagation of Information across Living Two, Four, and Eight Node Degree Topologies. Frontiers in Bioengineering and Biotechnology, 2016, 4, 15.	2.0	18
811	Mouse Social Network Dynamics and Community Structure are Associated with Plasticity-Related Brain Gene Expression. Frontiers in Behavioral Neuroscience, 2016, 10, 152.	1.0	46
812	Measures of Coupling between Neural Populations Based on Granger Causality Principle. Frontiers in Computational Neuroscience, 2016, 10, 114.	1.2	19
813	Wild cricket social networks show stability across generations. BMC Evolutionary Biology, 2016, 16, 151.	3.2	28
814	Assortative sexual mixing patterns in male–female and male–male partnerships in Melbourne, Australia: implications for HIV and sexually transmissible infection transmission. Sexual Health, 2016, 13, 451.	0.4	14

#	Article	IF	CITATIONS
815	Assortative sexual mixing among heterosexuals in Australia: implications for herd protection in males from a female human papillomavirus vaccination program. Sexual Health, 2016, 13, 395.	0.4	8
816	Estimates of Social Contact in a Middle School Based on Self-Report and Wireless Sensor Data. PLoS ONE, 2016, 11, e0153690.	1.1	25
817	Disease Spread through Animal Movements: A Static and Temporal Network Analysis of Pig Trade in Germany. PLoS ONE, 2016, 11, e0155196.	1.1	91
818	Investigation of similarity and diversity threshold networks generated from diversity-oriented and focused chemical libraries. Journal of Mathematical Chemistry, 2016, 54, 1916-1941.	0.7	1
819	Personality and Social Networks: A Generative Model Approach. Integrative and Comparative Biology, 2016, 56, 1197-1205.	0.9	14
820	Interplay of degree correlations and cluster synchronization. Physical Review E, 2016, 94, 062202.	0.8	16
821	Social inheritance can explain the structure of animal social networks. Nature Communications, 2016, 7, 12084.	5.8	108
822	On Random Walks and Random Sampling to Find Max Degree Nodes in Assortative Erdos Renyi Graphs. , 2016, , .		3
823	The Haka network: Evaluating rugby team performance with dynamic graph analysis. , 2016, , .		11
824	Optimal synchronization of directed complex networks. Chaos, 2016, 26, 094807.	1.0	22
825	Experimental research of dynamic spectral filtration using laser radiation interaction with multifrequency acoustic wave. , 2016 , , .		2
826	Inference of Partial Canonical Correlation Networks with Application to Stock Market Portfolio Selection., 2016,,.		1
827	Influence of Network Mixing on Interdependent Security: Local Analysis. , 2016, , .		3
828	Inferring Future Links in Large Scale Networks. , 2016, , .		0
829	Robustness analysis of bimodal networks in the whole range of degree correlation. Physical Review E, 2016, 94, 022308.	0.8	4
830	The influence of social status and network structure on consensus building in collaboration networks. Social Network Analysis and Mining, 2016, 6, 80.	1.9	5
831	Locally adaptive dynamic networks. Annals of Applied Statistics, 2016, 10, .	0.5	15
832	Analyzing the usage of social media during spanish presidential electoral campaigns. , 2016, , .		3

#	Article	IF	CITATIONS
833	Effective information spreading based on local information in correlated networks. Scientific Reports, 2016, 6, 38220.	1.6	33
834	Recovery rate affects the effective epidemic threshold with synchronous updating. Chaos, 2016, 26, 063108.	1.0	38
835	Assortativity and leadership emerge from anti-preferential attachment in heterogeneous networks. Scientific Reports, 2016, 6, 21297.	1.6	19
836	Bacterial and protist community changes during a phytoplankton bloom. Limnology and Oceanography, 2016, 61, 198-213.	1.6	22
837	Structure and dynamics of the global financial network. Chaos, Solitons and Fractals, 2016, 88, 218-234.	2.5	24
838	The Bass diffusion model on networks with correlations and inhomogeneous advertising. Chaos, Solitons and Fractals, 2016, 90, 55-63.	2.5	15
839	Reliability of Functional Connectivity of Electroencephalography Applying Microstate-Segmented Versus Classical Calculation of Phase Lag Index. Brain Connectivity, 2016, 6, 461-469.	0.8	21
840	"Every Gene Is Everywhere but the Environment Selects― Global Geolocalization of Gene Sharing in Environmental Samples through Network Analysis. Genome Biology and Evolution, 2016, 8, 1388-1400.	1.1	82
841	Three-Step Method for Delineating Functional Labour Market Regions. Regional Studies, 2016, 50, 429-445.	2.5	32
842	Link prediction based on path entropy. Physica A: Statistical Mechanics and Its Applications, 2016, 456, 294-301.	1.2	38
843	Connectivity in the network macrostructure of <i>Tursiops truncatus</i> in the Pelagos Sanctuary (NW Mediterranean Sea): does landscape matter?. Population Ecology, 2016, 58, 249-264.	0.7	13
844	Cascading failure in scale-free networks with tunable clustering. International Journal of Modern Physics C, 2016, 27, 1650093.	0.8	7
845	Optimizing network robustness by edge rewiring: a general framework. Data Mining and Knowledge Discovery, 2016, 30, 1395-1425.	2.4	48
846	Individual differences in boldness influence patterns of social interactions and the transmission of cuticular bacteria among group-mates. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160457.	1.2	35
847	Financial networks, bank efficiency and risk-taking. Journal of Financial Stability, 2016, 25, 247-257.	2.6	59
848	Compact pairwise models for epidemics with multiple infectious stages on degree heterogeneous and clustered networks. Journal of Theoretical Biology, 2016, 407, 387-400.	0.8	4
850	Detectability Thresholds and Optimal Algorithms for Community Structure in Dynamic Networks. Physical Review X, 2016, 6, .	2.8	51
851	Stock correlation analysis based on complex network., 2016,,.		3

#	Article	IF	CITATIONS
852	Structure and evolution of a European Parliament via a network and correlation analysis. Physica A: Statistical Mechanics and Its Applications, 2016, 462, 167-185.	1.2	2
853	Community Detection Based on Local Similarity Index in Chinese Aviation Network. Lecture Notes in Electrical Engineering, 2016, , 541-552.	0.3	0
854	World rare earths trade network: Patterns, relations and role characteristics. Resources Policy, 2016, 50, 119-130.	4.2	69
855	Key Properties of Connectivity in Vehicle Ad-hoc Network. Lecture Notes in Computer Science, 2016, , 328-339.	1.0	1
856	An Overview of the Measurement of Segregation: Classical Approaches and Social Network Analysis. Lecture Notes in Economics and Mathematical Systems, 2016, , 93-119.	0.3	5
857	Temporal network structures controlling disease spreading. Physical Review E, 2016, 94, 022305.	0.8	53
858	Optimising influence in social networks using bounded rationality models. Social Network Analysis and Mining, 2016, 6, 1.	1.9	7
859	Components, Cores, and Clubs., 2016, , 163-206.		1
860	A Two-Phase Multiobjective Evolutionary Algorithm for Enhancing the Robustness of Scale-Free Networks Against Multiple Malicious Attacks. IEEE Transactions on Cybernetics, 2016, 47, 1-14.	6.2	56
861	Topâ€down network analysis characterizes hidden termite–termite interactions. Ecology and Evolution, 2016, 6, 6178-6188.	0.8	7
862	Homophilic network decomposition: a community-centric analysis of online social services. Social Network Analysis and Mining, 2016, 6, 1.	1.9	6
863	Motif detection speed up by using equations based on the degree sequence. Social Network Analysis and Mining, $2016, 6, 1$.	1.9	1
864	Self-attracting walk on heterogeneous networks. Physical Review E, 2016, 93, 052310.	0.8	6
865	Graph analysis of EEG resting state functional networks in dyslexic readers. Clinical Neurophysiology, 2016, 127, 3165-3175.	0.7	139
866	Reconstruction of evolved dynamic networks from degree correlations. Physical Review E, 2016, 93, 062306.	0.8	1
867	Multifractal cross-correlation effects in two-variable time series of complex network vertex observables. Physical Review E, 2016, 94, 042307.	0.8	8
868	Coarse graining of complex networks: A k-means clustering approach. , 2016, , .		9
869	Permanence and Community Structure in Complex Networks. ACM Transactions on Knowledge Discovery From Data, 2017, 11, 1-34.	2.5	9

#	Article	IF	CITATIONS
870	Designing networks: A mixedâ€integer linear optimization approach. Networks, 2016, 68, 283-301.	1.6	4
871	Statistical physics of vaccination. Physics Reports, 2016, 664, 1-113.	10.3	734
872	Tracking Cancer Genetic Evolution using OncoTrack. Scientific Reports, 2016, 6, 29647.	1.6	5
873	Explosive transitions in complex networks' structure and dynamics: Percolation and synchronization. Physics Reports, 2016, 660, 1-94.	10.3	251
874	The rise and fall of R&D networks. Industrial and Corporate Change, 0, , dtw041.	1.7	13
875	Joint estimation of preferential attachment and node fitness in growing complex networks. Scientific Reports, 2016, 6, 32558.	1.6	43
876	Inducing self-organized criticality in a network toy model by neighborhood assortativity. Physical Review E, 2016, 94, 052304.	0.8	5
877	A Language-Centric Study of Twitter Connectivity. Lecture Notes in Computer Science, 2016, , 485-499.	1.0	0
878	The preliminaries project: Geography, networks, and publication in the Spanish Golden Age. Digital Scholarship in the Humanities, 2016, , fqw036.	0.4	3
879	The Homogeneity Research of Urban Rail Transit Network Performance. MATEC Web of Conferences, 2016, 81, 01003.	0.1	1
880	Resilience of antagonistic networks with regard to the effects of initial failures and degree-degree correlations. Physical Review E, 2016, 94, 032308.	0.8	3
881	Linear analysis of degree correlations in complex networks. Pramana - Journal of Physics, 2016, 87, 1.	0.9	5
882	Predicting the impact of scientific concepts using fullâ€text features. Journal of the Association for Information Science and Technology, 2016, 67, 2684-2696.	1.5	49
883	GenPerm: A Unified Method for Detecting Non-Overlapping and Overlapping Communities. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2101-2114.	4.0	31
884	Influence of social relations on human mobility and sociality: a study of social ties in a cellular network. Social Network Analysis and Mining, 2016, 6, 1.	1.9	7
885	Evolving cohesion metrics of a research network on rare diseases: a longitudinal study over 14Âyears. Scientometrics, 2016, 108, 41-56.	1.6	5
886	Measuring mixing patterns in complex networks by Spearman rank correlation coefficient. Physica A: Statistical Mechanics and Its Applications, 2016, 451, 440-450.	1.2	121
887	Structure of global buyer-supplier networks and its implications for conflict minerals regulations. EPJ Data Science, 2016, 5, .	1.5	11

#	Article	IF	Citations
888	Modified localized attack on complex network. Europhysics Letters, 2016, 113, 28002.	0.7	13
889	The temporal dimension in individualâ€based plant pollination networks. Oikos, 2016, 125, 468-479.	1.2	56
890	A model of social network formation under the impact of structural balance. International Journal of Modern Physics B, 2016, 30, 1650051.	1.0	5
891	Aggression in Columbian ground squirrels: relationships with age, kinship, energy allocation, and fitness. Behavioral Ecology, 0, , arw098.	1.0	11
892	Follower-Followee Network, Communication Networks, and Vote Agreement of the U.S. Members of Congress. Communication Research, 2016, 43, 996-1024.	3.9	33
893	Why patterns of assortative mating are key to study sexual selection and how to measure them. Behavioral Ecology and Sociobiology, 2016, 70, 209-220.	0.6	25
894	Comparing pre- and post-copulatory mate competition using social network analysis in wild crickets. Behavioral Ecology, 2016, 27, 912-919.	1.0	36
895	A weighted local view method based on observation over ground truth for community detection. Information Sciences, 2016, 355-356, 37-57.	4.0	18
896	Network structure analysis of the Brazilian interbank market. Emerging Markets Review, 2016, 26, 130-152.	2.2	56
897	Measuring the robustness of network community structure using assortativity. Animal Behaviour, 2016, 112, 237-246.	0.8	68
898	Complex Networks. , 2016, , 15-70.		1
899	Assortativity Anomalies in a Large Test System. IEEE Transactions on Power Systems, 2016, 31, 4169-4170.	4.6	4
900	Structure learning for weighted networks based on Bayesian nonparametric models. International Journal of Machine Learning and Cybernetics, 2016, 7, 479-489.	2.3	5
901	Cluster synchronization in multiplex networks. Europhysics Letters, 2016, 113, 30002.	0.7	73
902	Systems medicine of inflammaging. Briefings in Bioinformatics, 2016, 17, 527-540.	3.2	35
903	Knowledge diffusion in complex networks. Concurrency Computation Practice and Experience, 2017, 29, e3791.	1.4	14
904	Characterizing the structure of large real networks to improve community detection. Neural Computing and Applications, 2017, 28, 2321-2333.	3.2	7
905	Parallel algorithms for switching edges in heterogeneous graphs. Journal of Parallel and Distributed Computing, 2017, 104, 19-35.	2.7	6

#	Article	IF	CITATIONS
906	Spreading dynamics in heterogeneous graphs: Beyond the assortativity coefficient. Physica A: Statistical Mechanics and Its Applications, 2017, 468, 759-769.	1.2	2
907	Methods for Reconstructing Interbank Networks from Limited Information: A Comparison. New Economic Windows, 2017, , 201-215.	1.0	7
908	Research on cascading failure in multilayer network with different coupling preference. International Journal of Modern Physics C, 2017, 28, 1750050.	0.8	4
909	Diffusion of municipal wastewater treatment technologies in China: a collaboration network perspective. Frontiers of Environmental Science and Engineering, 2017, 11, 1.	3.3	8
910	Cascading failures mechanism based on betweenness-degree ratio distribution with different connecting preferences. International Journal of Modern Physics C, 2017, 28, 1750052.	0.8	3
911	Modeling structure and resilience of the dark network. Physical Review E, 2017, 95, 022313.	0.8	28
912	A study of structural properties of gene network graphs for mathematical modeling of integrated mosaic gene networks. Journal of Bioinformatics and Computational Biology, 2017, 15, 1650045.	0.3	2
913	Characterizing social networks and their effects on income diversification in rural Kerala, India. World Development, 2017, 94, 375-392.	2.6	50
914	Interplay between epidemic spread and information propagation on metapopulation networks. Journal of Theoretical Biology, 2017, 420, 18-25.	0.8	15
915	Lower bound of assortativity coefficient in scale-free networks. Chaos, 2017, 27, 033113.	1.0	17
916	Effects of Degree Correlations in Interdependent Security: Good or Bad?. IEEE/ACM Transactions on Networking, 2017, 25, 2484-2497.	2.6	12
917	Interplay of delay and multiplexing: Impact on cluster synchronization. Chaos, 2017, 27, 043103.	1.0	11
918	Male great tits assort by personality during the breeding season. Animal Behaviour, 2017, 128, 21-32.	0.8	27
919	Social networks dynamics revealed by temporal analysis: An example in a nonâ€human primate (<i>Macaca sylvanus</i>) in "La Forêt des Singesâ€. American Journal of Primatology, 2017, 79, e22662.	0.8	13
921	Two-walks degree assortativity in graphs and networks. Applied Mathematics and Computation, 2017, 311, 262-271.	1.4	6
922	New Insights on Temporal Lobe Epilepsy Based on Plasticity-Related Network Changes and High-Order Statistics. Molecular Neurobiology, 2018, 55, 3990-3998.	1.9	13
923	The impacts of pesticide and nicotine exposures on functional brain networks in Latino immigrant workers. NeuroToxicology, 2017, 62, 138-150.	1.4	16
924	Detecting and Characterizing Eating-Disorder Communities on Social Media. , 2017, , .		71

#	Article	IF	CITATIONS
925	The Significant Effect of Overlapping Community Structures in Signed Social Networks. Lecture Notes in Social Networks, 2017, , 51-84.	0.8	0
926	Constructing Robust Cooperative Networks using a Multi-Objective Evolutionary Algorithm. Scientific Reports, 2017, 7, 41600.	1.6	17
927	Institutional change and network evolution: explorative and exploitative tie formations of co-inventors during the dot-com bubble in the Research Triangle region. Regional Studies, 2017, 51, 1179-1191.	2.5	18
928	The Echo Chamber Effect in Twitter: does community polarization increase?. Studies in Computational Intelligence, 2017, , 373-378.	0.7	14
929	A multilevel society of herring-eating killer whales indicates adaptation to prey characteristics. Behavioral Ecology, 2017, 28, 500-514.	1.0	46
930	An Experimental Investigation of Co-rumination, Problem Solving, and Distraction. Behavior Therapy, 2017, 48, 403-412.	1.3	9
931	A deep dive into location-based communities in social discovery networks. Computer Communications, 2017, 100, 78-90.	3.1	15
932	Semantic homophily in online communication: Evidence from Twitter. Online Social Networks and Media, 2017, 2, 1-18.	2.3	22
933	Analysis of the audience of childfree communities in social network "VKontakte"., 2017,,.		0
934	Systems Applications of Social Networks. ACM Computing Surveys, 2018, 50, 1-42.	16.1	9
935	The evolving network of labor flows in the Stockholm Region. Applied Network Science, 2017, 2, 34.	0.8	3
936	Social traits, social networks and evolutionary biology. Journal of Evolutionary Biology, 2017, 30, 2088-2103.	0.8	44
937	Revealing how network structure affects accuracy of link prediction. European Physical Journal B, 2017, 90, 1.	0.6	7
938	Health relevance of the modification of low grade inflammation in ageing (inflammageing) and the role of nutrition. Ageing Research Reviews, 2017, 40, 95-119.	5.0	337
939	Assortment and the analysis of natural selection on social traits. Evolution; International Journal of Organic Evolution, 2017, 71, 2693-2702.	1.1	33
940	Graph Theoretic Analysis of Resting State Functional MR Imaging. Neuroimaging Clinics of North America, 2017, 27, 593-607.	0.5	48
941	The good, the bad and the deviant in community question answering. Online Social Networks and Media, 2017, 2, 45-59.	2.3	4
942	Characterizing Regional and Behavioral Device Variations Across the Twitter Timeline. , 2017, , .		0

#	Article	IF	Citations
943	Advances in the attraction model for inter-group relations. Mathematical Social Sciences, 2017, 89, 109-118.	0.3	2
944	A probabilistic link prediction model in time-varying social networks. , 2017, , .		17
945	Relational event models for longitudinal network data with an application to interhospital patient transfers. Statistics in Medicine, 2017, 36, 2265-2287.	0.8	31
946	Assortativity and Mixing by Sexual Behaviors and Sociodemographic Characteristics in Young Adult Heterosexual Dating Partnerships. Sexually Transmitted Diseases, 2017, 44, 329-337.	0.8	6
947	Generative models of online discussion threads: state of the art and research challenges. Journal of Internet Services and Applications, 2017, 8, .	1.6	29
948	Zealotry effects on opinion dynamics in the adaptive voter model. Physical Review E, 2017, 96, 052315.	0.8	22
949	Structure constrained by metadata in networks of chess players. Scientific Reports, 2017, 7, 15186.	1.6	5
950	Importance of small-degree nodes in assortative networks with degree-weight correlations. Physical Review E, 2017, 96, 042308.	0.8	1
951	Clustering spectrum of scale-free networks. Physical Review E, 2017, 96, 042309.	0.8	14
952	Fractality and degree correlations in scale-free networks. European Physical Journal B, 2017, 90, 1.	0.6	13
953	Co-clustering of nonsmooth graphons. Annals of Statistics, 2017, 45, .	1.4	6
954	GFT centrality: A new node importance measure for complex networks. Physica A: Statistical Mechanics and Its Applications, 2017, 487, 185-195.	1.2	21
955	Vowel purity and rhyme evidence in Old Chinese reconstruction. Lingua Sinica, 2017, 3, .	0.3	1
956	Defining quality metrics for graph clustering evaluation. Expert Systems With Applications, 2017, 71, 1-17.	4.4	19
957	Anatomic Insights into Disrupted Small-World Networks in Pediatric Posttraumatic Stress Disorder. Radiology, 2017, 282, 826-834.	3.6	45
958	Reality mining: A prediction algorithm for disease dynamics based on mobile big data. Information Sciences, 2017, 379, 82-93.	4.0	30
959	The structure and vulnerability of a drug trafficking collaboration network. Social Networks, 2017, 48, 1-9.	1.3	38
960	Generating and analyzing spatial social networks. Computational and Mathematical Organization Theory, 2017, 23, 362-390.	1.5	19

#	Article	IF	CITATIONS
961	Conditionally exponential random models for individual properties and network structures: Method and application. Social Networks, 2017, 48, 202-212.	1.3	4
962	Complex network analysis of brain functional connectivity under a multi-step cognitive task. Physica A: Statistical Mechanics and Its Applications, 2017, 466, 663-671.	1.2	14
963	Hierarchy and Assortativity as New Tools for Binding-Affinity Investigation: The Case of the TBA Aptamer-Ligand Complex. IEEE Transactions on Nanobioscience, 2017, 16, 896-904.	2.2	4
964	Improving individual predictions using social networks assortativity., 2017,,.		4
965	A Generative Model for the Layers of Terrorist Networks. , 2017, , .		0
966	Bounds of memory strength for power-law series. Physical Review E, 2017, 95, 052314.	0.8	10
967	Controllability of social networks and the strategic use of random information. Computational Social Networks, 2017, 4, 10.	2.1	13
968	Preferential attachment and the spreading influence of users in online social networks., 2017,,.		2
969	Sigcon: Simplifying a Graph Based on Degree Correlation and Clustering Coefficient., 2017,,.		2
970	Community detection in complex networks using flow simulation. , 2017, , .		0
971	On building causal networks for Chinese stock market understanding. , 2017, , .		0
972	Estimation of externalities in interdependent security: A case study of large systems. , 2017, , .		0
973	Dynamics of group cohesion in homophilic networks. , 2017, , .		1
974	Generating bipartite networks with a prescribed joint degree distribution. Journal of Complex Networks, 2017, 5, 839-857.	1.1	10
975	Using Machine Learning to Predict Swine Movements within a Regional Program to Improve Control of Infectious Diseases in the US. Frontiers in Veterinary Science, 2017, 4, 2.	0.9	33
976	Structural Correlations in the Italian Overnight Money Market: An Analysis Based on Network Configuration Models. Entropy, 2017, 19, 259.	1.1	3
977	Apathy in Patients with Parkinson's Disease Correlates with Alteration of Left Fronto-Polar Electroencephalographic Connectivity. Frontiers in Aging Neuroscience, 2017, 9, 262.	1.7	11
978	Altered Functional Brain Connectomes between Sporadic and Familial Parkinson's Patients. Frontiers in Neuroanatomy, 2017, 11, 99.	0.9	7

#	Article	IF	CITATIONS
979	The twin impact of homophily and accessibility on ideological polarization., 2017,,.		1
980	Stochastic Models of Emerging Infectious Disease Transmission on Adaptive Random Networks. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-11.	0.7	4
981	Multiplex Networks of the Guarantee Market: Evidence from China. Complexity, 2017, 2017, 1-7.	0.9	13
982	Structure Characteristics of the International Stock Market Complex Network in the Perspective of Whole and Part. Discrete Dynamics in Nature and Society, 2017, 2017, 1-11.	0.5	8
983	A systematic identification and analysis of scientists on Twitter. PLoS ONE, 2017, 12, e0175368.	1.1	91
984	Using null models to infer microbial co-occurrence networks. PLoS ONE, 2017, 12, e0176751.	1.1	67
985	Discovering community structures in power system networks using voltage — Reactive power sensitivity., 2017,,.		8
986	The Dynamics of Group Fission. SSRN Electronic Journal, 0, , .	0.4	O
987	Systemic Risk and Financial Interconnectedness: Network Measures and the Impact of the Indirect Effect., 2017,, 43-72.		0
988	Structural bounds on the dyadic effect. Journal of Complex Networks, 2017, 5, 694-711.	1.1	13
989	Measurement and Analysis of the Swarm Social Network With Tens of Millions of Nodes. IEEE Access, 2018, 6, 4547-4559.	2.6	18
990	Framework for cascade size calculations on random networks. Physical Review E, 2018, 97, 042312.	0.8	10
991	Coenrollment networks and their relationship to grades in undergraduate education. , 2018, , .		8
992	GENDER DISPARITIES IN SCIENCE? DROPOUT, PRODUCTIVITY, COLLABORATIONS AND SUCCESS OF MALE AND FEMALE COMPUTER SCIENTISTS. International Journal of Modeling, Simulation, and Scientific Computing, 2018, 21, 1750011.	0.9	84
993	Association of Informal Clinical Integration of Physicians With Cardiac Surgery Payments. JAMA Surgery, 2018, 153, 446.	2.2	19
994	Surname complex network for Brazil and Portugal. Physica A: Statistical Mechanics and Its Applications, 2018, 499, 198-207.	1.2	2
995	Provenance Network Analytics. Data Mining and Knowledge Discovery, 2018, 32, 708-735.	2.4	17
996	Generating clustered scale-free networks using Poisson based localization of edges. Physica A: Statistical Mechanics and Its Applications, 2018, 497, 72-85.	1.2	7

#	Article	IF	CITATIONS
997	Correlations and dynamics of consumption patterns in social-economic networks. Social Network Analysis and Mining, 2018, 8, 1.	1.9	12
998	Nonparametric weighted stochastic block models. Physical Review E, 2018, 97, 012306.	0.8	58
999	Statistics of the network of organic chemistry. Reaction Chemistry and Engineering, 2018, 3, 102-118.	1.9	34
1000	Adaptive behaviors can improve the system consilience of a network system. Adaptive Behavior, 2018, 26, 3-19.	1.1	0
1001	From big data to knowledge: A spatio-temporal approach to malware detection. Computers and Security, 2018, 74, 167-183.	4.0	5
1002	Discovering Communities and Anomalies in Attributed Graphs. ACM Transactions on Knowledge Discovery From Data, 2018, 12, 1-40.	2.5	28
1003	Network of families in a contemporary population: regional and cultural assortativity. EPJ Data Science, 2018, 7, .	1.5	1
1004	Configuring Random Graph Models with Fixed Degree Sequences. SIAM Review, 2018, 60, 315-355.	4.2	130
1005	Mixing and diffusion in a two-type population. Royal Society Open Science, 2018, 5, 172102.	1.1	2
1006	Community detection in Attributed Network. , 2018, , .		29
1007	Network analysis of the Viking Age in Ireland as portrayed in <i>Cogadh Gaedhel re Gallaibh</i> Royal Society Open Science, 2018, 5, 171024.	1.1	9
1008	Multiscale mixing patterns in networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 4057-4062.	3.3	60
1009	Cultural dissimilarity: Boon or bane for technology diffusion?. Technological Forecasting and Social Change, 2018, 133, 95-103.	6.2	13
1010	Multilevel approach for combinatorial optimization in bipartite network. Knowledge-Based Systems, 2018, 151, 45-61.	4.0	16
1011	Geometric evolution of complex networks with degree correlations. Physical Review E, 2018, 97, 032309.	0.8	5
1012	Effects of contact network structure on epidemic transmission trees: implications for data required to estimate network structure. Statistics in Medicine, 2018, 37, 236-248.	0.8	12
1013	Empirical analysis of structural properties, macroscopic and microscopic evolution of various Facebook activity networks. Quality and Quantity, 2018, 52, 249-275.	2.0	6
1014	Identification of Homophily and Preferential Recruitment in Respondent-Driven Sampling. American Journal of Epidemiology, 2018, 187, 153-160.	1.6	29

#	Article	IF	CITATIONS
1015	The structure and dynamics of population migration among economic areas in the United States from 1990 to 2011. Papers in Regional Science, 2018, 97, 785-801.	1.0	4
1016	A multilayer network analysis of hashtags in twitter via co-occurrence and semantic links. International Journal of Modern Physics B, 2018, 32, 1850029.	1.0	15
1017	On the degree correlation of urban road networks. Transactions in GIS, 2018, 22, 119-148.	1.0	9
1018	Comparison of cluster-based and source-attribution methods for estimating transmission risk using large HIV sequence databases. Epidemics, 2018, 23, 1-10.	1.5	37
1019	Impact of degree truncation on the spread of a contagious process on networks. Network Science, 2018, 6, 34-53.	0.8	12
1020	Empirical research on complex networks modeling of combat SoS based on data from real war-game, Part I: Statistical characteristics. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 754-773.	1.2	6
1021	Porous Chambers, Echoes of Valence and Stereotypes. Social Psychological and Personality Science, 2018, 9, 163-175.	2.4	10
1022	Sectoral risk research about input–output structure of the United States. Physica A: Statistical Mechanics and Its Applications, 2018, 491, 199-208.	1.2	3
1023	Interest-Based Clustering Approach for Social Networks. Arabian Journal for Science and Engineering, 2018, 43, 935-947.	1.7	6
1024	Early warning model based on correlated networks in global crude oil markets. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 1335-1343.	1.2	21
1025	Applying graphs and complex networks to football metric interpretation. Human Movement Science, 2018, 57, 236-243.	0.6	24
1026	Building them up, breaking them down: Topology, vendor selection patterns, and a digital drug market's robustness to disruption. Social Networks, 2018, 52, 238-250.	1.3	38
1027	Rich-club ordering and the dyadic effect: Two interrelated phenomena. Physica A: Statistical Mechanics and Its Applications, 2018, 490, 808-818.	1.2	18
1028	A novel community detection method in bipartite networks. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 1679-1693.	1.2	37
1029	Influence Spreading Model Used to Community Detection in Social Networks. Studies in Computational Intelligence, 2018, , 202-215.	0.7	3
1030	International production networks and the world trade structure. International Economics, 2018, 153, 11-33.	1.6	20
1031	Spatial associations in global household bicycle ownership. Annals of Operations Research, 2018, 263, 529-549.	2.6	1
1032	How does developer interaction relate to software quality? an examination of product development data. Empirical Software Engineering, 2018, 23, 1153-1187.	3.0	12

#	Article	IF	CITATIONS
1033	Cascading Failures in Interdependent Systems: Impact of Degree Variability and Dependence. IEEE Transactions on Network Science and Engineering, 2018, 5, 127-140.	4.1	21
1034	Overlay Community detection using Community Networks. , 2018, , .		1
1035	Topology, robustness, and structural controllability of the Brazilian Federal Police criminal intelligence network. Applied Network Science, 2018, 3, 36.	0.8	27
1036	A Graph Resilience Metric Based On Paths: Higher Order Analytics With GPU., 2018, , .		9
1037	Predicting Missing Links Based on a New Triangle Structure. Complexity, 2018, 2018, 1-11.	0.9	12
1038	Using the graph-theoretic approach to solving the Role Mining problem. , 2018, , .		0
1039	Topological Graph Metrics for Detecting Grid Anomalies and Improving Algorithms. , 2018, , .		9
1040	Recurrent Patterns of User Behavior in Different Electoral Campaigns: A Twitter Analysis of the Spanish General Elections of 2015 and 2016. Complexity, 2018, 2018, 1-15.	0.9	8
1041	Understanding Topological and Spatial Attributes of Bus Transportation Networks in Cities of Chongqing and Chengdu. Mathematical Problems in Engineering, 2018, 2018, 1-14.	0.6	0
1042	A Network-Based High Level Data Classification Technique. , 2018, , .		11
1043	Influence spreading model used to analyse social networks and detect sub-communities. Computational Social Networks, 2018, 5, 12.	2.1	14
1044	Trimming the Hairball: Edge Cutting Strategies for Making Dense Graphs Usable. , 2018, , .		6
1045	Rank correlation between centrality metrics in complex networks: an empirical study. Open Physics, 2018, 16, 1009-1023.	0.8	14
1046	An Efficient Counting Method for the Colored Triad Census. SSRN Electronic Journal, 2018, , .	0.4	0
1047	Identifying Career Boundaries Using Minimum Description Length on a Graph. IEEE Access, 2018, 6, 42407-42421.	2.6	2
1048	The Research on the Complexity of the Equipment Support Network Based on Complex Networks. , 2018, , .		0
1049	Science and ethics meet: a mathematical view on one kind of violation of publication ethics. Journal of Physics: Conference Series, 2018, 955, 012034.	0.3	1
1050	Classifying the Built-Up Structure of Urban Blocks with Probabilistic Graphical Models and TerraSAR-X Spotlight Imagery. Remote Sensing, 2018, 10, 842.	1.8	2

#	Article	IF	CITATIONS
1051	Existence of outsiders as a characteristic of online communication networks. Network Science, 2018, 6, 431-447.	0.8	0
1052	Probabilistic Causal Analysis of Social Influence. , 2018, , .		3
1053	Connected but segregated: social networks in rural villages. Journal of Complex Networks, 2018, 6, 693-705.	1.1	11
1054	Homophily and Nationality Assortativity Among the Most Cited Researchers' Social Network. , 2018, , .		4
1055	Conflict in Cyber-Space: The Network of Cyber Incidents, 2000–2014. Peace Economics, Peace Science and Public Policy, 2018, 24, .	0.3	1
1056	A network topology approach to bot classification. , 2018, , .		8
1057	Social network plasticity decreases disease transmission in a eusocial insect. Science, 2018, 362, 941-945.	6.0	202
1058	Specifics Analysis of Medical Communities in Social Network Services. Lecture Notes in Computer Science, 2018, , 195-203.	1.0	0
1059	Reactive random walkers on complex networks. Physical Review E, 2018, 98, .	0.8	13
1060	Exploring How Homophily and Accessibility Can Facilitate Polarization in Social Networks. Information (Switzerland), 2018, 9, 325.	1.7	11
1061	Network analysis in the legal domain: a complex model for European Union legal sources. Journal of Complex Networks, 2018, 6, 243-268.	1,1	48
1062	Attacking Internet Border Routers – A Graph-Based Analysis of Strategies. SSRN Electronic Journal, 2018, , .	0.4	1
1063	Estimating network structure from unreliable measurements. Physical Review E, 2018, 98, .	0.8	41
1064	Disassortativity of percolating clusters in random networks. Physical Review E, 2018, 98, .	0.8	7
1065	The impact of Interconnecting Topologies on SOM Neural Networks. , 2018, , .		0
1066	Analysis similarity index of link prediction based on multivariate statistics. International Journal of Modern Physics B, 2018, 32, 1850316.	1.0	1
1067	Detecting Communities in Networks Using Competitive Hopfield Neural Network., 2018,,.		1
1068	On Sybil Classification in Online Social Networks Using Only Structural Features. , 2018, , .		5

#	Article	IF	CITATIONS
1069	Structure and consistency of self-reported social contact networks in British secondary schools. PLoS ONE, 2018, 13, e0200090.	1.1	10
1070	Finding Missing Links in Complex Networks: A Multiple-Attribute Decision-Making Method. Complexity, 2018, 2018, 1-16.	0.9	4
1071	Is Graph Theoretical Analysis a Useful Tool for Quantification of Connectivity Obtained by Means of EEG/MEG Techniques?. Frontiers in Neural Circuits, 2018, 12, 76.	1.4	13
1072	A graph-graph approach to the analysis of the set of associative rules. Journal of Physics: Conference Series, 2018, 944, 012013.	0.3	0
1073	Functional shortcuts in language co-occurrence networks. PLoS ONE, 2018, 13, e0203025.	1.1	6
1074	Universal Features in Phonological Neighbor Networks. Entropy, 2018, 20, 526.	1.1	5
1075	Multiple outbreaks in epidemic spreading with local vaccination and limited vaccines. New Journal of Physics, 2018, 20, 083025.	1.2	15
1076	Nonlinearity in stock networks. Chaos, 2018, 28, 083127.	1.0	16
1077	Understanding the quality–quantity conundrum of customer referral programs: effects of contribution margin, extraversion, and opinion leadership. Journal of the Academy of Marketing Science, 2018, 46, 1108-1132.	7.2	16
1078	Patterns of co-membership: Techniques for identifying subgraph composition. Social Networks, 2018, 55, 1-10.	1.3	7
1079	Polarization in the social sciences: Assortative mixing in social science collaboration networks is resilient to interventions. Physica A: Statistical Mechanics and Its Applications, 2018, 507, 510-523.	1.2	9
1080	An Autonomous Divisive Algorithm for Community Detection Based on Weak Link and Link-Break Strategy. Mathematical Problems in Engineering, 2018, 2018, 1-12.	0.6	3
1081	Look who's talking: Two-mode networks as representations of a topic model of New Zealand parliamentary speeches. PLoS ONE, 2018, 13, e0199072.	1.1	31
1082	An image analysis approach to text analytics based on complex networks. Physica A: Statistical Mechanics and Its Applications, 2018, 510, 110-120.	1.2	4
1083	Social interactions in online eating disorder communities: A network perspective. PLoS ONE, 2018, 13, e0200800.	1.1	37
1084	Sustainable Diffusion of Fashion Information on Mobile Friends-Based Social Network Service. Sustainability, 2018, 10, 1474.	1.6	7
1085	Resisting Influence: How the Strength of Predispositions to Resist Control Can Change Strategies for Optimal Opinion Control in the Voter Model. Frontiers in Robotics and Al, 2018, 5, 34.	2.0	12
1086	Mechanisms for tuning clustering and degree-correlations in directed networks. Journal of Complex Networks, 2018, 6, 767-787.	1.1	4

#	Article	IF	CITATIONS
1087	Topological Reorganization of the Default Mode Network in Severe Male Obstructive Sleep Apnea. Frontiers in Neurology, 2018, 9, 363.	1.1	36
1088	Conversations in the Eye of the Storm. , 2018, , .		12
1089	Important institutions of interinstitutional scientific collaboration networks in materials science. Scientometrics, 2018, 117, 85-103.	1.6	25
1090	Rapid Bayesian Inference of Global Network Statistics Using Random Walks. Physical Review Letters, 2018, 121, 038301.	2.9	2
1091	A large-scale study of a poultry trading network in Bangladesh: implications for control and surveillance of avian influenza viruses. BMC Veterinary Research, 2018, 14, 12.	0.7	40
1092	SIR dynamics in random networks with communities. Journal of Mathematical Biology, 2018, 77, 1117-1151.	0.8	16
1093	Effectively identifying multiple influential spreaders in term of the backward–forward propagation. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 404-413.	1.2	2
1094	Accurate Indoor Localization Based on CSI and Visibility Graph. Sensors, 2018, 18, 2549.	2.1	23
1095	Quantifying users' selection behavior in online commercial systems. Physica A: Statistical Mechanics and Its Applications, 2018, 512, 86-95.	1.2	1
1096	An empirical investigation of network polarization. Applied Mathematics and Computation, 2018, 339, 651-662.	1.4	10
1097	Altered topology of the functional speech production network in non-fluent/agrammatic variant of PPA. Cortex, 2018, 108, 252-264.	1,1	41
1098	Common greedy wiring and rewiring heuristics do not guarantee maximum assortative graphs of given degree. Information Processing Letters, 2018, 139, 53-59.	0.4	O
1099	Personalized Recommendations Based on Sentimental Interest Community Detection. Scientific Programming, 2018, 2018, 1-14.	0.5	4
1100	Degree distributions of bipartite networks and their projections. Physical Review E, 2018, 98, 022307.	0.8	18
1101	Integrating the Input of Stakeholders in Infrastructure Risk Assessment. Journal of Management in Engineering - ASCE, 2018, 34, .	2.6	29
1102	Long-term roosting data reveal a unimodular social network in large fission-fusion society of the colony-living Natterer's bat (Myotis nattereri). Behavioral Ecology and Sociobiology, 2018, 72, 1.	0.6	22
1103	BC Tree-Based Proxy Graphs for Visualization of Big Graphs. , 2018, , .		7
1104	Inference of financial networks using the normalised mutual information rate. PLoS ONE, 2018, 13, e0192160.	1.1	3

#	Article	IF	CITATIONS
1105	Non-disclosed men who have sex with men in UK HIV transmission networks: phylogenetic analysis of surveillance data. Lancet HIV,the, 2018, 5, e309-e316.	2.1	38
1106	Distance-varying assortativity and clustering of the international trade network. Network Science, 2018, 6, 517-544.	0.8	5
1107	General formulation of long-range degree correlations in complex networks. Physical Review E, 2018, 97, 062308.	0.8	14
1108	Network Infusion to Infer Information Sources in Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 402-417.	4.1	13
1109	Fundamentals of Complex Network Analysis. Intelligent Systems Reference Library, 2019, , 17-56.	1.0	2
1110	Mobile botnets meet social networks: design and analysis of a new type of botnet. International Journal of Information Security, 2019, 18, 423-449.	2.3	9
1111	Introduction to Complex Networks. Intelligent Systems Reference Library, 2019, , 3-16.	1.0	0
1112	Protein-Protein Interactions: An Overview. , 2019, , 821-833.		1
1113	Refuge size variation and potential for sperm competition in Wellington tree weta. Environmental Epigenetics, 2019, 65, 213-223.	0.9	6
1114	Generating Graphs with Symmetry. IEEE Transactions on Network Science and Engineering, 2019, 6, 836-843.	4.1	6
1115	Giraffe (Giraffa camelopardalis) social networks in areas of contrasting human activity and lion density. Ethology, 2019, 125, 702-715.	0.5	15
1116	Characterizing dynamic communication in online eating disorder communities: a multiplex network approach. Applied Network Science, 2019, 4, .	0.8	9
1117	Stochastic block models with multiple continuous attributes. Applied Network Science, 2019, 4, .	0.8	29
1118	An Efficient Spreading Strategy Considering Information Decays and Partial Interactions Between People in Scale-Free Networks. IEEE Access, 2019, 7, 95878-95891.	2.6	0
1119	Glioblastoma multiforme restructures the topological connectivity of cerebrovascular networks. Scientific Reports, 2019, 9, 11757.	1.6	26
1120	Homophily and minority-group size explain perception biases in social networks. Nature Human Behaviour, 2019, 3, 1078-1087.	6.2	77
1121	The configuration model for Barabasi-Albert networks. Applied Network Science, 2019, 4, .	0.8	22
1122	Disassortative Network Structure Improves the Synchronization between Neurons in the Suprachiasmatic Nucleus. Journal of Biological Rhythms, 2019, 34, 515-524.	1.4	10

#	Article	IF	Citations
1123	Recurrence Networks in Natural Languages. Entropy, 2019, 21, 517.	1.1	6
1124	Sub-Network Structure and Information Diffusion Behaviors in a Sustainable Fashion Sharing Economy Platform. Sustainability, 2019, 11, 3249.	1.6	3
1125	Modeling Overlapped Mutual Funds' Portfolios: A Bipartite Network Approach. Complexity, 2019, 2019, 1-20.	0.9	5
1126	A New Complex Network Robustness Attack Algorithm. , 2019, , .		6
1127	HIV-1 Transmission Patterns in Men Who Have Sex with Men: Insights from Genetic Source Attribution Analysis. AIDS Research and Human Retroviruses, 2019, 35, 805-813.	0.5	8
1128	The Methodology Behind Network Thinking: Graphs to Analyze Microbial Complexity and Evolution. Methods in Molecular Biology, 2019, 1910, 271-308.	0.4	4
1129	On the Origin of Biomolecular Networks. Frontiers in Genetics, 2019, 10, 240.	1.1	17
1130	The propagation of liquidity imbalances in manufacturing supply chains: evidence from a spatial auto-regressive approach. European Journal of Finance, 2019, 25, 1377-1401.	1.7	5
1131	High-resolution contact networks of free-ranging domestic dogs Canis familiaris and implications for transmission of infection. PLoS Neglected Tropical Diseases, 2019, 13, e0007565.	1.3	24
1132	An Agent-Based Model for Information Diffusion over Online Social Networks. Papers in Applied Geography, 2019, 5, 77-97.	0.8	8
1133	A Markov chain analysis of the dynamics of homophily. Journal of Complex Networks, 0, , .	1.1	0
1134	Characterizing and modeling subnational virtual water networks of US agricultural and industrial commodity flows. Advances in Water Resources, 2019, 130, 314-324.	1.7	20
1135	Effect of triangle behavior on topological properties of weighted networks. Modern Physics Letters B, 2019, 33, 1950170.	1.0	0
1136	Network Analysis of Saccharomyces Cerevisiae Colony: Relation between Spatial Position and Generation. Journal of Physics: Conference Series, 2019, 1245, 012006.	0.3	1
1137	Backbone reconstruction in temporal networks from epidemic data. Physical Review E, 2019, 100, 042306.	0.8	5
1138	Improving statistical relational learning with graph embeddings for socio-economic data retrieval. Procedia Computer Science, 2019, 156, 235-244.	1.2	0
1139	War pact model of shrinking networks. PLoS ONE, 2019, 14, e0223480.	1.1	3
1140	Network Evolution of a Large Online MSM Dating Community: 2005–2018. International Journal of Environmental Research and Public Health, 2019, 16, 4322.	1.2	3

#	Article	IF	CITATIONS
1141	Explosive phenomena in complex networks. Advances in Physics, 2019, 68, 123-223.	35.9	125
1142	An effective similarity measure based on kernel spectral method for complex networks. International Journal of Modern Physics C, 2019, 30, 1940005.	0.8	0
1143	On the evaluation of the takeoff time and of the peak time for innovation diffusion on assortative networks. Mathematical and Computer Modelling of Dynamical Systems, 2019, 25, 482-498.	1.4	9
1144	Characterization of Local Attitudes Toward Immigration Using Social Media. , 2019, , .		6
1145	A Socio-Informatic Approach to Automated Account Classification on Social Media., 2019,,.		0
1146	Evaluating relevance and redundancy to quantify how binary node metadata interplay with the network structure. Scientific Reports, 2019, 9, 11404.	1.6	4
1147	Measuring the Impact of Transportation Diversity on Disaster Resilience in Urban Communities: Case Study of Hurricane Harvey in Houston, TX. , 2019 , , .		5
1148	Methamphetamine regulation of activity and topology of ventral midbrain networks. PLoS ONE, 2019, 14, e0222957.	1.1	13
1149	Diagnosis of Autism Spectrum Disorder Based on Eigenvalues of Brain Networks. IEEE Access, 2019, 7, 128474-128486.	2.6	61
1150	Convergence towards an Erdős-Rényi graph structure in network contraction processes. Physical Review E, 2019, 100, 032314.	0.8	4
1151	Measuring racial segregation in health system networks using the dissimilarity index. Social Science and Medicine, 2019, 240, 112570.	1.8	10
1152	Brain Networks Reveal the Effects of Antipsychotic Drugs on Schizophrenia Patients and Controls. Frontiers in Psychiatry, 2019, 10, 611.	1.3	7
1153	Statistical properties of complex network for seismicity using depth-incorporated influence radius. Acta Geophysica, 2019, 67, 1515-1523.	1.0	2
1154	Symmetries in the time-averaged dynamics of networks: Reducing unnecessary complexity through minimal network models. Chaos, 2019, 29, 011101.	1.0	12
1155	Gender homophily in online book networks. Information Sciences, 2019, 481, 229-243.	4.0	11
1156	Complex network analysis of forced synchronization in a hydrodynamically self-excited jet. International Journal of Heat and Fluid Flow, 2019, 76, 14-25.	1.1	15
1157	Academic social networks: Modeling, analysis, mining and applications. Journal of Network and Computer Applications, 2019, 132, 86-103.	5.8	122
1158	Emergence of frustration signals systemic risk. Physical Review E, 2019, 99, 052306.	0.8	14

#	Article	IF	CITATIONS
1159	Social network structure is predictive of health and wellness. PLoS ONE, 2019, 14, e0217264.	1.1	19
1160	Identifying top persuaders in mixed trust networks for electronic marketing based on word-of-mouth. Knowledge-Based Systems, 2019, 182, 104803.	4.0	11
1161	Measuring electronic communication networks in virtual care teams using electronic health records access-log data. International Journal of Medical Informatics, 2019, 128, 46-52.	1.6	12
1162	Mapping the global network of fisheries science collaboration. Fish and Fisheries, 2019, 20, 830-856.	2.7	14
1163	New Community Estimation Method in Bipartite Networks Based on Quality of Filtering Coefficient. Scientific Programming, 2019, 2019, 1-12.	0.5	2
1164	Standing on the shoulders of giants?â€"Faculty hiring in information schools. Journal of Informetrics, 2019, 13, 341-353.	1.4	9
1165	Identifying similar networks using structural hierarchy. Physica A: Statistical Mechanics and Its Applications, 2019, 536, 121029.	1.2	5
1166	An efficient counting method for the colored triad census. Social Networks, 2019, 58, 136-142.	1.3	3
1167	Efficient Method for Improving the Spreading Efficiency in Small-World Networks and Assortative Scale-Free Networks. IEEE Access, 2019, 7, 46122-46134.	2.6	8
1168	The Bass Diffusion Model on Finite Barabasi-Albert Networks. Complexity, 2019, 2019, 1-12.	0.9	13
1169	Community detection in facebook activity networks and presenting a new multilayer label propagation algorithm for community detection. International Journal of Modern Physics B, 2019, 33, 1950089.	1.0	12
1170	An Evolutionary Approach for Detecting Communities in Social Networks. Lecture Notes in Social Networks, 2019, , 17-44.	0.8	0
1171	Energy-induced mercury emissions in global supply chain networks: Structural characteristics and policy implications. Science of the Total Environment, 2019, 670, 87-97.	3.9	43
1172	Mixing patterns and individual differences in networks. Physical Review E, 2019, 99, 042306.	0.8	17
1173	Unit Disk Graph-Based Node Similarity Index for Complex Network Analysis. Complexity, 2019, 2019, 1-22.	0.9	4
1174	Efficient vaccination strategies for epidemic control using network information. Epidemics, 2019, 27, 115-122.	1.5	29
1175	Making use of the social network in conservation genomics: Integrating kinship and network analyses to understand connectivity. Molecular Ecology Resources, 2019, 19, 307-309.	2.2	3
1176	Behavioural syndromes as a link between ecology and mate choice: aÂfield study in a reef fish population. Animal Behaviour, 2019, 150, 219-237.	0.8	9

#	Article	IF	CITATIONS
1177	Dynamic evolution characteristics of European union emissions trade system price from high price period to low price period. Journal of Cleaner Production, 2019, 224, 188-197.	4.6	8
1178	Measuring and analyzing code authorship in $1\hat{a}\in +\hat{a}\in 118$ open source projects. Science of Computer Programming, 2019, 176, 14-32.	1.5	9
1179	Effective Link Prediction Based on Community Relationship Strength. IEEE Access, 2019, 7, 43233-43248.	2.6	23
1180	Cooperation of local and collective synchronization in complex networks. Physica A: Statistical Mechanics and Its Applications, 2019, 526, 120963.	1.2	4
1181	Routing in Mobile Opportunistic Social Networks with Selfish Nodes. Wireless Communications and Mobile Computing, 2019, 2019, 1-15.	0.8	25
1182	A Generalized Configuration Model with Degree Correlations. Springer Proceedings in Complexity, 2019, , 49-61.	0.2	0
1183	Brain Connectivity and Information-Flow Breakdown Revealed by a Minimum Spanning Tree-Based Analysis of MRI Data in Behavioral Variant Frontotemporal Dementia. Frontiers in Neuroscience, 2019, 13, 211.	1.4	25
1184	HIV transmission networks among transgender women in Los Angeles County, CA, USA: a phylogenetic analysis of surveillance data. Lancet HIV,the, 2019, 6, e164-e172.	2.1	57
1185	Generalized rich-club ordering in networks. Journal of Complex Networks, 2019, 7, 702-719.	1.1	14
1186	Informal Clinical Integration in Medicare Accountable Care Organizations and Mortality Following Coronary Artery Bypass Graft Surgery. Medical Care, 2019, 57, 194-201.	1.1	11
1187	Discordant attributes of structural and functional brain connectivity in a two-layer multiplex network. Scientific Reports, 2019, 9, 2885.	1.6	37
1188	Linking Structural and Transport Properties in Threeâ€Dimensional Fracture Networks. Journal of Geophysical Research: Solid Earth, 2019, 124, 1185-1204.	1.4	57
1189	Assortativity Properties of Scale-Free Networks. , 2019, , .		1
1190	Framing the mass media: Exploring †fake news' as a frame embedded in political discourse. Journal of Alternative and Community Media, 2019, 4, 57-76.	0.8	4
1191	Critical nodes reveal peculiar features of human essential genes and protein interactome. , 2019, , .		1
1192	Topology Optimization of Complex Network based on NSGA-II. , 2019, , .		1
1193	Enhancing link prediction by exploring community membership of nodes. International Journal of Modern Physics B, 2019, 33, 1950382.	1.0	8
1194	Individual and seasonal variation in contact rate, connectivity and centrality in red fox (Vulpes) Tj ETQq1 1 0.7843	314 rgBT /	Oygrlock 10

#	Article	IF	Citations
1195	Optimising cattle grazing distribution on rangeland: a systematic review and network analysis. Rangeland Journal, 2019, 41, 441.	0.4	7
1196	Efficient Estimation of Node Representations in Large Graphs using Linear Contexts., 2019,,.		3
1197	A generalized configuration model with degree correlations and its percolation analysis. Applied Network Science, 2019, 4, .	0.8	4
1198	Phylostratigraphic Analysis Shows the Earliest Origination of the Abiotic Stress Associated Genes in A. thaliana. Genes, 2019, 10, 963.	1.0	11
1199	Socio-Material Archaeological Networks at Çatalhöyük a Community Detection Approach. Frontiers in Digital Humanities, 2019, 6, .	1.2	10
1200	Synchronization of Network-Coupled Oscillators with Uncertain Dynamics. SIAM Journal on Applied Mathematics, 2019, 79, 2409-2433.	0.8	7
1201	A Measurement Study of Bitcoin Lightning Network. , 2019, , .		16
1202	Augmenting content-based rating prediction with link stream features. Computer Networks, 2019, 150, 127-133.	3.2	2
1203	Balanced Active Core in Heterogeneous Neuronal Networks. Frontiers in Computational Neuroscience, 2019, 12, 109.	1.2	5
1204	Understanding contact patterns of protein structures from protein contact map and investigation of unique patterns in the globinâ€kike folded domains. Journal of Cellular Biochemistry, 2019, 120, 9877-9886.	1.2	4
1205	Peer Influence in Large Dynamic Network: Quasi-experimental Evidence from Scratch. Studies in Computational Intelligence, 2019, , 300-313.	0.7	0
1206	Core Percolation in Interdependent Networks. IEEE Transactions on Network Science and Engineering, 2019, 6, 952-967.	4.1	5
1207	Quantitative analysis of connectivity in populations of a semiâ€equatic mammal using kinship categories and network assortativity. Molecular Ecology Resources, 2019, 19, 310-326.	2.2	29
1208	Universal scaling across biochemical networks on Earth. Science Advances, 2019, 5, eaau0149.	4.7	33
1209	What connections lead to good scientific performance?. Scientometrics, 2019, 118, 587-604.	1.6	11
1210	Global embodied rare earths flows and the outflow paths of China's embodied rare earths: Combining multi-regional input-output analysis with the complex network approach. Journal of Cleaner Production, 2019, 216, 435-445.	4.6	39
1211	The evolution of network controllability in growing networks. Physica A: Statistical Mechanics and Its Applications, 2019, 520, 257-266.	1.2	12
1212	Hotspots of Transmission Driving the Local Human Immunodeficiency Virus Epidemic in the Cologne-Bonn Region, Germany. Clinical Infectious Diseases, 2019, 68, 1539-1546.	2.9	11

#	Article	IF	CITATIONS
1213	Centrality and Partial Correlation Coefficient-Based Assortativity Analysis of Real-World Networks. Computer Journal, 2019, 62, 1247-1264.	1.5	3
1214	Coupling Between Brain Structures During Visual and Auditory Working Memory Tasks. International Journal of Neural Systems, 2019, 29, 1850046.	3.2	11
1215	Locally Weighted Fusion of Structural and Attribute Information in Graph Clustering. IEEE Transactions on Cybernetics, 2019, 49, 247-260.	6.2	25
1216	Predicting the global structure of indoor environments: A constructive machine learning approach. Autonomous Robots, 2019, 43, 813-835.	3.2	15
1217	Evolution of domestic airport networks: a review and comparative analysis. Transportmetrica B, 2019, 7, 1-17.	1.4	33
1218	The Anti-Social System Properties: Bitcoin Network Data Analysis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 21-31.	5.9	45
1219	Inference of node attributes from social network assortativity. Neural Computing and Applications, 2020, 32, 18023-18043.	3.2	7
1220	Experiments on Belief Formation in Networks. Journal of the European Economic Association, 2020, 18, 49-82.	1.9	38
1221	Graph K-means Based on Leader Identification, Dynamic Game, and Opinion Dynamics. IEEE Transactions on Knowledge and Data Engineering, 2020, 32, 1348-1361.	4.0	111
1222	Henneberg Growth of Social Networks: Modeling the Facebook. IEEE Transactions on Network Science and Engineering, 2020, 7, 701-712.	4.1	5
1223	Generating weighted social networks using multigraph. Physica A: Statistical Mechanics and Its Applications, 2020, 539, 122894.	1.2	11
1224	The Use and Value of Social Information in Selective Selling of Exclusive Products. Management Science, 2020, 66, 2610-2627.	2.4	25
1225	On Estimating LON-Based Measures in Cyclic Assignment Problem in Non-permutational Flow Shop Scheduling Problem. Studies in Systems, Decision and Control, 2020, , 63-84.	0.8	0
1226	Detecting schizophrenia at the level of the individual: relative diagnostic value of whole-brain images, connectome-wide functional connectivity and graph-based metrics. Psychological Medicine, 2020, 50, 1852-1861.	2.7	57
1227	A Framework for Reconstructing Archaeological Networks Using Exponential Random Graph Models. Journal of Archaeological Method and Theory, 2020, 27, 192-219.	1.4	3
1228	Immunization strategy for epidemic spreading based on membership (<i>m</i>) over a multilayer network. Business Strategy and Development, 2020, 3, 185-194.	2.2	3
1229	Airport Networks., 2020,, 71-115.		0
1230	An evolving network model with information filtering and mixed attachment mechanisms. Physica A: Statistical Mechanics and Its Applications, 2020, 545, 123421.	1.2	0

#	Article	IF	CITATIONS
1231	Linear and nonlinear interrelations show fundamentally distinct network structure in preictal intracranial EEG of epilepsy patients. Human Brain Mapping, 2020, 41, 467-483.	1.9	15
1232	Enhancing Automated Reaction Discovery with Boxed Molecular Dynamics in Energy Space. ChemSystemsChem, 2020, 2, e1900024.	1.1	15
1233	Assessment Methods of Network Resilience for Cyber-Human-Physical Systems. ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering, 2020, 6, 03119001.	1.1	9
1234	Syntgen: a system to generate temporal networks with user-specified topology. Journal of Complex Networks, 2020, 8, .	1.1	0
1235	Predicting the antiepileptic drug response by brain connectivity in newly diagnosed focal epilepsy. Journal of Neurology, 2020, 267, 1179-1187.	1.8	18
1236	Connectedness of financial institutions in Europe: A network approach across quantiles. Physica A: Statistical Mechanics and Its Applications, 2020, 550, 124035.	1.2	22
1237	PySpacell: A Python Package for Spatial Analysis of Cell Images. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2020, 97, 288-295.	1.1	12
1238	Characterizing the Influence of Fracture Density on Network Scale Transport. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018547.	1.4	18
1239	Complex Networks Theory. , 2020, , 45-69.		3
1240	Enforced strategy for efficiently improving warning communications among evacuees. Safety Science, 2020, 122, 104506.	2.6	2
1241	The impact of localized implementation: determining the cost-effectiveness of HIV prevention and care interventions across six United States cities. Aids, 2020, 34, 447-458.	1.0	36
1242	The basic reproductive number for disease systems with multiple coupled heterogeneities. Mathematical Biosciences, 2020, 321, 108294.	0.9	3
1243	Mapping Influence: Partisan Networks across the United States, 2000 to 2016. State Politics and Policy Quarterly, 2020, 20, 267-291.	0.8	4
1244	Network theory of the bacterial ribosome. PLoS ONE, 2020, 15, e0239700.	1.1	3
1245	An Exploratory Analysis of Networked and Spatial Characteristics of International Natural Resource Trades (2000–2016). Sustainability, 2020, 12, 7765.	1.6	0
1246	Peer influence of production and consumption behaviour in an online social network of collective learning. Online Social Networks and Media, 2020, 18, 100088.	2.3	1
1247	Parallel Generation of Simple Null Graph Models. , 2020, , .		4
1248	Brain Functional Network in Chronic Asymptomatic Carotid Artery Stenosis and Occlusion: Changes and Compensation. Neural Plasticity, 2020, 2020, 1-11.	1.0	8

#	Article	IF	CITATIONS
1249	Clustering in a newly forming social network by subjective perceptions of loneliness. Journal of American College Health, 2022, 70, 1326-1331.	0.8	1
1250	The role of geography in the complex diffusion of innovations. Scientific Reports, 2020, 10, 15065.	1.6	20
1251	Importance of scientific collaboration in contemporary drug discovery and development: a detailed network analysis. BMC Biology, 2020, 18, 138.	1.7	10
1252	Biased Gene Retention in the Face of Introgression Obscures Species Relationships. Genome Biology and Evolution, 2020, 12, 1646-1663.	1.1	24
1253	Sensitivity of comorbidity network analysis. JAMIA Open, 2020, 3, 94-103.	1.0	8
1254	Community detectability and structural balance dynamics in signed networks. Physical Review E, 2020, 102, 012304.	0.8	5
1255	Stock price network autoregressive model with application to stock market turbulence. European Physical Journal B, 2020, 93, 1.	0.6	9
1256	Latent Poisson models for networks with heterogeneous density. Physical Review E, 2020, 102, 012309.	0.8	6
1257	Assortative Analysis of Bulk Trade Complex Network on Maritime Silk Road. IEEE Access, 2020, 8, 131928-131938.	2.6	8
1258	Spatial early warning signals of social and epidemiological tipping points in a coupled behaviour-disease network. Scientific Reports, 2020, 10, 7611.	1.6	12
1260	Divisibility Networks of the Rational Numbers in the Unit Interval. Symmetry, 2020, 12, 1879.	1.1	2
1261	Financial Contagion in Cross-holdings Networks: The Case of Ecuador. Advances in Econometrics, 2020, , 265-292.	0.2	0
1262	Statistical analysis of edges and bredges in configuration model networks. Physical Review E, 2020, 102, 012314.	0.8	4
1263	Configuration models of random hypergraphs. Journal of Complex Networks, 2020, 8, .	1.1	58
1264	Flow Channeling in Fracture Networks: Characterizing the Effect of Density on Preferential Flow Path Formation. Water Resources Research, 2020, 56, e2020WR027986.	1.7	36
1265	Active Learning for Node Classification: An Evaluation. Entropy, 2020, 22, 1164.	1.1	16
1266	The role of bipartite structure in R&D collaboration networks. Journal of Complex Networks, 2020, 8,	1.1	2
1267	The Family of Assortativity Coefficients in Signed Social Networks. IEEE Transactions on Computational Social Systems, 2020, 7, 1460-1468.	3.2	6

#	Article	IF	CITATIONS
1268	Inference of a universal social scale and segregation measures using social connectivity kernels. Journal of the Royal Society Interface, 2020, 17, 20200638.	1.5	2
1269	The impact of bike network indicators on bike kilometers traveled and bike safety: A network theory approach. Environment and Planning B: Urban Analytics and City Science, 2021, 48, 2055-2072.	1.0	4
1270	Effects of a Physical Activity Program Potentiated with ICTs on the Formation and Dissolution of Friendship Networks of Children in a Middle-Income Country. International Journal of Environmental Research and Public Health, 2020, 17, 5796.	1.2	7
1271	How to make methodological decisions when inferring social networks. Ecology and Evolution, 2020, 10, 9132-9143.	0.8	19
1272	Identifying and exploiting homogeneous communities in labeled networks. Applied Network Science, 2020, 5, .	0.8	26
1273	Structural studies of the global networks exposed in the Panama papers. Applied Network Science, 2020, 5, .	0.8	7
1274	Effectiveness of dismantling strategies on moderated vs. unmoderated online social platforms. Scientific Reports, 2020, 10, 14392.	1.6	18
1275	Exogenous Shocks, the Criminal Elite, and Increasing Gender Inequality in Chicago Organized Crime. American Sociological Review, 2020, 85, 895-923.	2.8	7
1276	Characterising the structure of the largest online commercial sex network in the UK: observational study with implications for STI prevention. Culture, Health and Sexuality, 2021, 23, 1608-1625.	1.0	4
1277	Mixing Patterns in Social Trust Networks: A Social Identity Theory Perspective. IEEE Transactions on Computational Social Systems, 2021, 8, 1249-1261.	3.2	7
1278	A Man's world? Comparing the structural positions of men and women in an organized criminal network. Crime, Law and Social Change, 2020, 74, 547-569.	0.7	6
1279	Clustering of susceptible individuals within households can drive measles outbreaks: an individual-based model exploration. Scientific Reports, 2020, 10, 19645.	1.6	10
1280	The Formation of Social Network Assortativity: A Cultural Trait-Matching Mechanism. Complexity, 2020, 2020, 1-9.	0.9	0
1281	Emerging Complexity in Distributed Intelligent Systems. Entropy, 2020, 22, 1437.	1.1	10
1282	Significance of the Nested Structure in Multiplex World Trade Networks. Complexity, 2020, 2020, 1-9.	0.9	1
1283	Introduction and Preliminaries. , 2020, , 1-49.		0
1284	Edge-based analysis of networks: curvatures of graphs and hypergraphs. Theory in Biosciences, 2020, 139, 337-348.	0.6	5
1285	Susceptibility of Protein Methionine Oxidation in Response to Hydrogen Peroxide Treatment–Ex Vivo Versus In Vitro: A Computational Insight. Antioxidants, 2020, 9, 987.	2.2	8

#	Article	IF	CITATIONS
1287	Introduction and Theoretical Framework. , 2020, , 1-36.		2
1289	Harry Triandis's Contributions to Intercultural Training as a Field of Research. , 2020, , 39-59.		0
1290	Interdisciplinary History of Intercultural Communication Studies., 2020,, 60-163.		8
1291	Culture Theories and Intercultural Training. , 2020, , 164-191.		1
1292	An Analysis of Methods for Intercultural Training. , 2020, , 192-257.		10
1293	Intercultural Simulations., 2020,, 258-280.		2
1294	Toward a Social Network Theory of Reentry. , 2020, , 281-305.		0
1295	Intractable Conflict, Delegitimization, and Intercultural Training. , 2020, , 306-333.		0
1297	International Initiatives in K–12 and Higher Education. , 2020, , 357-376.		0
1298	The Triad Training Model in Counseling, Cultural Diversity, and Intercultural Training. , 2020, , 377-406.		0
1299	Multicultural Counseling Training and Intercultural Training. , 2020, , 407-439.		0
1300	Training for Cross-Cultural Competence in the United States Military. , 2020, , 440-474.		1
1301	Developing Intercultural Competency Training in Global Organizations. , 2020, , 475-494.		0
1303	Brazilian Cultural Patterns and Intercultural Training. , 2020, , 497-522.		0
1304	Russian Cultural Patterns and Intercultural Training. , 2020, , 523-539.		0
1305	Indian Psychology and Intercultural Training. , 2020, , 540-563.		1
1306	Culture-Inclusive Theories for Intercultural Training in Confucian Societies. , 2020, , 564-583.		1
1307	Japanese Psychology and Intercultural Training. , 2020, , 584-598.		3

#	Article	IF	CITATIONS
1308	Cultural Neuroscience Basis of Intercultural Training and Education. , 2020, , 601-616.		1
1309	Perceptual Representation., 2020,, 617-639.		0
1310	Emotional Contagion, Intimate Intercultural Relationships, and Intercultural Training. , 2020, , 640-657.		0
1311	Dialogue and Culture. , 2020, , 658-679.		1
1312	Optimizing Globalization through "Intelligent Swarming― , 2020, , 680-700.		0
1314	Stochastic and mixed flower graphs. Physical Review E, 2020, 101, 052315.	0.8	8
1316	Intercultural Training for the New Global Village. , 2020, , 703-721.		0
1317	Evaluation of Cross-Cultural Training. , 2020, , 334-354.		1
1319	The role of "spillover―in antibiotic resistance. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29063-29068.	3.3	27
1320	The Language of Innovation. PLoS ONE, 2020, 15, e0230107.	1.1	11
1321	The polarization within and across individuals: the hierarchical Ising opinion model. Journal of Complex Networks, 2020, 8, .	1.1	16
1322	Construction, comparison and evolution of networks in life sciences and other disciplines. Journal of the Royal Society Interface, 2020, 17, 20190610.	1.5	12
1323	Transitivity and degree assortativity explained: The bipartite structure of social networks. Physical Review E, 2020, 101, 052305.	0.8	17
1324	Mixed preferential attachment model: Homophily and minorities in social networks. Physica A: Statistical Mechanics and Its Applications, 2020, 555, 124723.	1.2	7
1325	Impact of Structural Properties on Network Structure for Online Social Networks. Procedia Computer Science, 2020, 167, 1200-1209.	1.2	7
1326	Is having an educationally diverse social network good for health?. Network Science, 2020, 8, 418-444.	0.8	3
1327	Functional and Social Team Dynamics in Industrial Settings. Complexity, 2020, 2020, 1-18.	0.9	1
1328	A network-based toolkit for evaluation and intercomparison of weather prediction and climate modeling. Journal of Environmental Management, 2020, 268, 110709.	3.8	13

#	Article	IF	Citations
1329	Towards Understanding the Instability of Network Embedding. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 927-941.	4.0	2
1330	Controlling for openness in the male-dominated collaborative networks of the global film industry. PLoS ONE, 2020, 15, e0234460.	1.1	17
1331	Networks beyond pairwise interactions: Structure and dynamics. Physics Reports, 2020, 874, 1-92.	10.3	661
1332	Analysis of Malware-Induced Cyber Attacks in Cyber-Physical Power Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3482-3486.	2.2	19
1333	The Central Role of Nondisclosed Men Who Have Sex With Men in Human Immunodeficiency Virus-1 Transmission Networks in Guangzhou, China. Open Forum Infectious Diseases, 2020, 7, ofaa154.	0.4	14
1334	Gene Similarity Networks Unveil a Potential Novel Unicellular Group Closely Related to Animals from the <i>Tara</i> Oceans Expedition. Genome Biology and Evolution, 2020, 12, 1664-1678.	1.1	9
1335	Exchangeable Random Measures for Sparse and Modular Graphs with Overlapping Communities. Journal of the Royal Statistical Society Series B: Statistical Methodology, 2020, 82, 487-520.	1.1	12
1336	Spectral analysis for gene communities in cancer cells. Journal of Complex Networks, 2020, 8, .	1.1	1
1337	Systemic Risk and Trading Strategy Based on Correlation-Based Networks in Stock Markets. Fluctuation and Noise Letters, 2020, 19, 2050028.	1.0	1
1338	Emergent social cohesion for coping with community disruptions in disasters. Journal of the Royal Society Interface, 2020, 17, 20190778.	1.5	28
1339	Measuring the Topological Robustness of Transportation Networks to Disaster-Induced Failures: A Percolation Approach. Journal of Infrastructure Systems, 2020, 26, .	1.0	38
1340	Earlyâ€ife learning ability predicts adult social structure, with potential implications for fitness outcomes in the wild. Journal of Animal Ecology, 2020, 89, 1340-1349.	1.3	5
1341	Highlighting action and environmental component interactions using a network theory approach. Impact Assessment and Project Appraisal, 2020, 38, 245-260.	1.0	0
1342	Brain structural connectome in relation to <scp>PRRT2</scp> mutations in paroxysmal kinesigenic dyskinesia. Human Brain Mapping, 2020, 41, 3855-3866.	1.9	11
1343	Network Rewiring in the r-K Plane. Entropy, 2020, 22, 653.	1.1	3
1344	Dynamics of opinion formation under majority rules on complex social networks. Scientific Reports, 2020, 10, 456.	1.6	8
1345	Modeling and Estimating User Influence in Social Networks. IEEE Access, 2020, 8, 21943-21952.	2.6	10
1346	Divisibility Patterns within Pascal Divisibility Networks. Mathematics, 2020, 8, 254.	1.1	3

#	Article	IF	CITATIONS
1347	Spectrum-preserving sparsification for visualization of big graphs. Computers and Graphics, 2020, 87, 89-102.	1.4	10
1348	Gender, rank, and social networks on an enterprise social media platform. Social Networks, 2020, 62, 58-67.	1.3	21
1349	Development and Calibration of a Dynamic HIV Transmission Model for 6 US Cities. Medical Decision Making, 2020, 40, 3-16.	1.2	25
1350	Transfer index, NetUniFrac and some useful shortest path-based distances for community analysis in sequence similarity networks. Bioinformatics, 2020, 36, 2740-2749.	1.8	2
1351	HIV seroconcordance among heterosexual couples in rural KwaZuluâ€Natal, South Africa: a populationâ€based analysis. Journal of the International AIDS Society, 2020, 23, e25432.	1.2	6
1352	An ensemble of random graphs with identical degree distribution. Chaos, 2020, 30, 013136.	1.0	11
1353	Examining the variability in network populations and its role in generative models. Network Science, 2020, 8, S43-S64.	0.8	1
1354	Online reactions to the 2017 †Unite the right' rally in Charlottesville: measuring polarization in Twitter networks using media followership. Applied Network Science, 2020, 5, .	0.8	14
1355	When personality matters: personality and social structure in wild bottlenose dolphins, Tursiops truncatus. Animal Behaviour, 2020, 163, 73-84.	0.8	24
1356	Homophily and Segregation in Cooperative Networks. American Journal of Sociology, 2020, 125, 1084-1127.	0.3	30
1357	Crowding out the change: business networks and persisting economic elites in the South of Italy over Unification (1840–1880). Cliometrica, 2021, 15, 89-131.	1.3	4
1358	Network structure and the optimization of proximityâ€based association criteria. Methods in Ecology and Evolution, 2021, 12, 88-100.	2.2	10
1359	Ambiguity of network outcomes. Journal of Business Research, 2021, 129, 555-561.	5.8	4
1360	Conservatives' Moral Foundations Are More Densely Connected Than Liberals' Moral Foundations. Personality and Social Psychology Bulletin, 2021, 47, 167-184.	1.9	18
1361	Proximity to humans affects local social structure in a giraffe metapopulation. Journal of Animal Ecology, 2021, 90, 212-221.	1.3	34
1362	Competition for Attention in Online Social Networks: Implications for Seeding Strategies. Management Science, 2021, 67, 1026-1047.	2.4	26
1363	On the social and conceptual structure of the 50-year research landscape in entrepreneurial finance. SN Business & Economics, 2021, 1, 2.	0.6	11
1364	Superbubbles as an empirical characteristic of directed networks. Network Science, 2021, 9, 49-58.	0.8	0

#	Article	IF	Citations
1365	Network measures in animal social network analysis: Their strengths, limits, interpretations and uses. Methods in Ecology and Evolution, 2021, 12, 10-21.	2.2	74
1366	Evolutionary compromise game on assortative mixing networks. Applied Mathematics and Computation, 2021, 390, 125681.	1.4	3
1367	Inter-organisational patent opposition network: how companies form adversarial relationships. Japanese Economic Review, 2021, 72, 145-166.	0.8	2
1368	Scientific Collaboration in a Multidisciplinary Organization Revealed by Network Science. SN Computer Science, 2021, 2, 1.	2.3	2
1369	Inclusivity enhances robustness and efficiency of social networks. Physica A: Statistical Mechanics and Its Applications, 2021, 563, 125490.	1.2	13
1370	THE RESILIENCE OF COMPLEX NETWORK: AN APPROACH FOR RELEVANT NODES EXTRACTION. Fractals, 2021, 29, 2150009.	1.8	5
1372	The Co-evolution of Organizational and Network Structure: The Role of Multilevel Mixing and Closure Mechanisms. Organizational Research Methods, 2021, 24, 285-318.	5.6	15
1373	The interconnectedness of the economic content in the speeches of the US Presidents. Annals of Operations Research, 2021, 299, 593-615.	2.6	2
1374	Gene Regulatory Network Inference. , 2021, , 86-95.		2
1375	Random-graph models and characterization of granular networks. Journal of Complex Networks, 2021, 8, .	1.1	5
1376	Same Stats, Different Graphs: Exploring the Space of Graphs in Terms of Graph Properties. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 2056-2072.	2.9	8
1377	Extending assortativity: An application to weighted social networks. Journal of Business Research, 2021, 129, 774-783.	5. 8	7
1379	Patent Citation Network Simplification and Similarity Evaluation Based on Technological Inheritance. IEEE Transactions on Engineering Management, 2021, , 1-18.	2.4	1
1380	Melanoma Detection Using Spatial and Spectral Analysis on Superpixel Graphs. Journal of Digital Imaging, 2021, 34, 162-181.	1.6	11
1381	Inferring Bivariate Association from Respondent-driven Sampling Data. Journal of the Royal Statistical Society Series C: Applied Statistics, 2021, 70, 415-433.	0.5	3
1382	Conformity: A Path-Aware Homophily Measure for Node-Attributed Networks. IEEE Intelligent Systems, 2021, 36, 25-34.	4.0	11
1383	On the Robustness of Diffusion in a Network Under Node Attacks. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 5884-5895.	4.0	1
1384	Modeling and Assessing the Temporal Behavior of Emotional and Depressive User Interactions on Social Networks. IEEE Access, 2021, 9, 93182-93194.	2.6	7

#	Article	IF	Citations
1385	Learning Parameters for Balanced Index Influence Maximization. Studies in Computational Intelligence, 2021, , 167-177.	0.7	1
1386	Degree-Degree Correlation in Networks with Preferential Attachment Based Growth. Springer Proceedings in Complexity, 2021, , 51-58.	0.2	2
1388	Still a Small World? University Course Enrollment Networks before and during the COVID-19 Pandemic. Sociological Science, 0, 8, 73-82.	2.0	4
1389	Directed Network Defects in Alzheimer's Disease Using Granger Causality and Graph Theory. Current Alzheimer Research, 2021, 17, 939-947.	0.7	5
1390	Sorting by Race/Ethnicity Across HIV Genetic Transmission Networks in Three Major Metropolitan Areas in the United States. AIDS Research and Human Retroviruses, 2021, 37, 784-792.	0.5	5
1391	Covid-19 and Digitalization: Network Analysis On Industrial Robots Trade Among The Bri Countries. Yıldız Social Science Review, 2020, 6, 99-118.	0.2	1
1392	Network-centric Indicators for Fragility in Global Financial Indices. Frontiers in Physics, 2021, 8, .	1.0	6
1393	Sexual Mixing and HIV Transmission Potential Among Greek Men Who have Sex with Men: Results from SOPHOCLES. AIDS and Behavior, 2021, 25, 1935-1945.	1.4	4
1394	HIV transmission network analysis allows identifying unreported risk factors in HIV â€positive blood donors in France. Transfusion, 2021, 61, 1191-1201.	0.8	0
1395	Bacterial associations in the healthy human gut microbiome across populations. Scientific Reports, 2021, 11, 2828.	1.6	34
1396	Global disassortative rewiring strategy for enhancing the robustness of scale-free networks against localized attack. Physical Review E, 2021, 103, 022313.	0.8	4
1398	A Multinetwork and Machine Learning Examination of Structure and Content in the United States Code. Frontiers in Physics, 2021, 8, .	1.0	3
1399	Modeling and analyzing users' behavioral strategies with co-evolutionary process. Computational Social Networks, 2021, 8, .	2.1	3
1400	The structure of risk-sharing networks. Empirical Economics, 0, , 1.	1.5	1
1401	A benefit function for community detection based on edge and path of length two. International Journal of Modern Physics C, 2021, 32, 2150082.	0.8	1
1402	Characterizing network dynamics of online hate communities around the COVID-19 pandemic. Applied Network Science, 2021, 6, 20.	0.8	34
1403	Towards effective link prediction: A hybrid similarity model. Journal of Intelligent and Fuzzy Systems, 2021, 40, 4013-4026.	0.8	4
1404	Does global food trade close the dietary nutrient gap for the world's poorest nations?. Global Food Security, 2021, 28, 100490.	4.0	24

#	Article	IF	CITATIONS
1405	Collaborative Production in Science: An Empirical Analysis of Coauthorships in Economics. Review of Economics and Statistics, 2022, 104, 1241-1255.	2.3	6
1406	Denoising large-scale biological data using network filters. BMC Bioinformatics, 2021, 22, 157.	1.2	3
1407	On topological properties of COVID-19: predicting and assessing pandemic risk with network statistics. Scientific Reports, 2021, 11, 5112.	1.6	23
1408	Neural correlates of cognitive behavioral therapy response in youth with negative valence disorders: A systematic review of the literature. Journal of Affective Disorders, 2021, 282, 1288-1307.	2.0	14
1409	Collective predator evasion: Putting the criticality hypothesis to the test. PLoS Computational Biology, 2021, 17, e1008832.	1.5	18
1410	Identifying vital nodes by Achlioptas process. New Journal of Physics, 2021, 23, 033036.	1.2	9
1411	Ideological differences in engagement in public debate on Twitter. PLoS ONE, 2021, 16, e0249241.	1.1	13
1413	Structural Properties of Networks. , 2021, , 18-68.		0
1414	Statistical Analysis of Graph-Theoretic Indices to Study EEG-TMS Connectivity in Patients With Depression. Frontiers in Neuroinformatics, 2021, 15, 651082.	1.3	6
1415	Interplay Between Geography and HIV Transmission Clusters in Los Angeles County. Open Forum Infectious Diseases, 2021, 8, ofab211.	0.4	2
1416	Controlling systemic risk: Network structures that minimize it and node properties to calculate it. Physical Review E, 2021, 103, 042304.	0.8	5
1417	Percolation on complex networks: Theory and application. Physics Reports, 2021, 907, 1-68.	10.3	141
1418	HCGA: Highly comparative graph analysis for network phenotyping. Patterns, 2021, 2, 100227.	3.1	9
1419	Random Graphs with Prescribed K-Core Sequences: A New Null Model for Network Analysis. , 2021, , .		5
1420	Research on Dynamic Evolution Model and Method of Communication Network Based on Real War Game. Entropy, 2021, 23, 487.	1.1	4
1421	Detecting Community Structures Within Complex Networks Using a Discrete Unconscious Search Algorithm. International Journal of Operations Research and Information Systems, 2021, 12, 15-32.	1.0	O
1422	Assortativity measures for weighted and directed networks. Journal of Complex Networks, 2021, 9, .	1.1	11
1423	A supervised similarity measure for link prediction based on KNN. International Journal of Modern Physics C, 2021, 32, 2150112.	0.8	5

#	Article	IF	CITATIONS
1424	Centrality of a communication network of construction project participants and implications for improved project communication. Civil Engineering and Environmental Systems, 2021, 38, 145-160.	0.4	12
1425	Graph theoretical design of biomimetic aramid nanofiber composites as insulation coatings for implantable bioelectronics. MRS Bulletin, 2021, 46, 576-587.	1.7	5
1426	Transcutaneous auricular vagus nerve stimulation induces stabilizing modifications in large-scale functional brain networks: towards understanding the effects of taVNS in subjects with epilepsy. Scientific Reports, 2021, 11, 7906.	1.6	18
1427	Genetic Diversity in Marine Planktonic Ciliates (Alveolata, Ciliophora) Suggests Distinct Geographical Patterns – Data From Chinese and European Coastal Waters. Frontiers in Marine Science, 2021, 8, .	1.2	8
1428	How Gamification Affects Software Developers: Cautionary Evidence from a Natural Experiment on GitHub. , 2021 , , .		14
1429	SpatialDWLS: accurate deconvolution of spatial transcriptomic data. Genome Biology, 2021, 22, 145.	3.8	140
1430	Multi-level social organization and nest-drifting behaviour in a eusocial insect. Proceedings of the Royal Society B: Biological Sciences, 2021, 288, 20210275.	1.2	0
1431	Using discrete Ricci curvatures to infer COVID-19 epidemic network fragility and systemic risk. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 053501.	0.9	3
1432	Impact of modular mitochondrial epistatic interactions on the evolution of human subpopulations. Mitochondrion, 2021, 58, 111-122.	1.6	2
1433	Pitman-Yor Process Mixture Model for Community Structure Exploration Considering Latent Interaction Patterns. Chinese Physics B, O, , .	0.7	0
1434	A Network Approach for the Study of Drug Prescriptions: Analysis of Administrative Records from a Local Health Unit (ASL TO4, Regione Piemonte, Italy). International Journal of Environmental Research and Public Health, 2021, 18, 4859.	1.2	3
1435	Functional Structure in Production Networks. Frontiers in Big Data, 2021, 4, 666712.	1.8	11
1436	On the Reliability of IEEE 802.1CB FRER. , 2021, , .		6
1437	Configuration models as an urn problem. Scientific Reports, 2021, 11, 13416.	1.6	7
1438	Attribute-Guided Network Sampling Mechanisms. ACM Transactions on Knowledge Discovery From Data, 2021, 15, 1-24.	2.5	4
1439	The paradox of second-order homophily in networks. Scientific Reports, 2021, 11, 13360.	1.6	4
1441	Topological Stability Analysis of High Renewable Penetrated Systems using Graph Metrics. , 2021, , .		2
1442	Assortativity and Bias in Epidemiologic Studies of Contagious Outcomes: A Simulated Example in the Context of Vaccination. American Journal of Epidemiology, 2021, 190, 2442-2452.	1.6	5

#	Article	IF	CITATIONS
1443	Concurrency measures in the era of temporal network epidemiology: a review. Journal of the Royal Society Interface, 2021, 18, 20210019.	1.5	13
1448	Structural Analysis of Nanoscale Network Materials Using Graph Theory. ACS Nano, 2021, 15, 12847-12859.	7.3	21
1449	Extremely Low Reciprocity and Strong Homophily in the World Largest MSM Social Network. IEEE Transactions on Network Science and Engineering, 2021, 8, 2279-2287.	4.1	2
1451	Analytic solution of the two-star model with correlated degrees. Physical Review E, 2021, 104, 014147.	0.8	3
1452	A measure of local uniqueness to identify linchpins in a social network with node attributes. Applied Network Science, 2021, 6, .	0.8	9
1453	Network Analysis ofÂlnternal Migration inÂAustria. Digital Government Research and Practice (DGOV), 2021, 2, 1-24.	1.2	6
1454	Male homophily in South American herpetology: one of the major processes underlying the gender gap in publications. Amphibia - Reptilia, 2021, 42, 407-418.	0.1	4
1455	Null Models and Community Detection in Multi-Layer Networks. Sankhya A, 2022, 84, 163-217.	0.4	3
1456	The Economic Network Resilience of the Guanzhong Plain City Cluster, China: A network analysis from the evolutionary perspective. Growth and Change, 2021, 52, 2391-2411.	1.3	14
1457	The structural architecture of international industry networks in the global economy. PLoS ONE, 2021, 16, e0255450.	1.1	8
1458	Examining the interactive effects of the filter bubble and the echo chamber on radicalization. Journal of Experimental Criminology, 2023, 19, 119-141.	1.9	11
1459	BC tree-based spectral sampling for big complex network visualization. Applied Network Science, 2021, 6, .	0.8	3
1460	<scp>AutoMeKin2021 /scp>: An openâ€source program for automated reaction discovery. Journal of Computational Chemistry, 2021, 42, 2036-2048.</scp>	1.5	42
1461	Impact of Transcutaneous Auricular Vagus Nerve Stimulation on Large-Scale Functional Brain Networks: From Local to Global. Frontiers in Physiology, 2021, 12, 700261.	1.3	10
1462	Effect of Infant Presence on Social Networks of Sterilized and Intact Wild Female Balinese Macaques (Macaca fascicularis). Animals, 2021, 11, 2538.	1.0	3
1463	Predicting transitions in cooperation levels from network connectivity. New Journal of Physics, 2021, 23, 093040.	1.2	4
1464	Association between tuberculosis in men and social network structure in Kampala, Uganda. BMC Infectious Diseases, 2021, 21, 1023.	1.3	7
1465	Implementing social network analysis to understand the socioecology of wildlife coâ€occurrence and joint interactions with humans in anthropogenic environments. Journal of Animal Ecology, 2021, 90, 2819-2833.	1.3	5

#	Article	IF	CITATIONS
1466	Combinatorial CRISPR/Cas9 Screening Reveals Epistatic Networks of Interacting Tumor Suppressor Genes and Therapeutic Targets in Human Breast Cancer. Cancer Research, 2021, 81, 6090-6105.	0.4	12
1467	The structure and behaviour of hierarchical infrastructure networks. Applied Network Science, 2021, 6, .	0.8	2
1468	Effective link prediction in multiplex networks: A TOPSIS method. Expert Systems With Applications, 2021, 177, 114973.	4.4	24
1469	"Hot-spotting―to improve vaccine allocation by harnessing digital contact tracing technology: An application of percolation theory. PLoS ONE, 2021, 16, e0256889.	1.1	1
1470	Deep Learning Exploration of Agent-Based Social Network Model Parameters. Frontiers in Big Data, 2021, 4, 739081.	1.8	4
1471	Understanding the growth of the Fediverse through the lens of Mastodon. Applied Network Science, 2021, 6, .	0.8	23
1472	Severe Acute Respiratory Syndrome Coronavirus 2 Transmission in Georgia, USA, February 1–July 13, 2020. Emerging Infectious Diseases, 2021, 27, 2578-2587.	2.0	7
1473	Community structure exploration considering latent link patterns in complex networks. Neurocomputing, 2021, 459, 10-22.	3.5	3
1474	Dynamic patterns of open review process. Physica A: Statistical Mechanics and Its Applications, 2021, 582, 126245.	1.2	0
1475	Regional and sectoral structures of the Chinese economy: A network perspective from multi-regional input–output tables. Physica A: Statistical Mechanics and Its Applications, 2021, 581, 126196.	1.2	16
1476	Unveiling the rich-club phenomenon in urban mobility networks through the spatiotemporal characteristics of passenger flow. Physica A: Statistical Mechanics and Its Applications, 2021, 584, 126377.	1.2	6
1477	Understanding the Impact of COVID-19 on Online Mental Health Forums. ACM Transactions on Management Information Systems, 2021, 12, 1-28.	2.1	8
1478	The network of interfamily marriages in 'Ndrangheta. Social Networks, 2022, 68, 318-329.	1.3	8
1479	Comparison of Simulations with a Mean-Field Approach vs. Synthetic Correlated Networks. Symmetry, 2021, 13, 141.	1.1	2
1480	Network analysis methods for studying microbial communities: A mini review. Computational and Structural Biotechnology Journal, 2021, 19, 2687-2698.	1.9	130
1481	Adversarial Attack on Large Scale Graph. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	20
1482	Structural Characteristics of Stakeholder Relationships and Value Chain Network in Data Exchange Ecosystem. IEEE Access, 2021, 9, 52266-52276.	2.6	9
1484	A Survey on Centrality Metrics and Their Network Resilience Analysis. IEEE Access, 2021, 9, 104773-104819.	2.6	42

#	Article	IF	Citations
1485	Evaluation of Severe Acute Respiratory Syndrome Coronavirus 2 Transmission Mitigation Strategies on a University Campus Using an Agent-Based Network Model. Clinical Infectious Diseases, 2021, 73, 1735-1741.	2.9	29
1486	THE ARCHITECTURE OF COMPLEXITY: FROM WWW TO CELLULAR METABOLISM. , 2006, , 107-125.		2
1487	Optimizing Coupled Oscillators for Stability. Lecture Notes in Computer Science, 2005, , 1327-1330.	1.0	3
1488	Fractal and Transfractal Scale-Free Networks. , 2009, , 3924-3943.		16
1490	Fractal and Transfractal Scale-Free Networks. , 2012, , 637-656.		4
1491	Topology of Online Social Networks. , 2014, , 2191-2202.		6
1492	Community Structure Characterization. , 2017, , 1-13.		1
1493	Access-Control Prediction in Social Network Sites: Examining the Role of Homophily. Lecture Notes in Computer Science, 2018, , 61-74.	1.0	1
1494	Through a Glass, Darkly? Taking a Network Perspective on System-of-Systems Architectures. , 2019, , 121-132.		4
1495	Same Stats, Different Graphs. Lecture Notes in Computer Science, 2018, , 463-477.	1.0	5
1496	Spectral Vertex Sampling for Big Complex Graphs. Studies in Computational Intelligence, 2020, , 216-227.	0.7	4
1497	Political Candidates' Discussions on Twitter During Election Season: A Network Approach. , 2020, , 53-78.		3
1498	Assortativity Properties of Barab \tilde{A}_i si-Albert Networks. Lecture Notes on Data Engineering and Communications Technologies, 2021, , 55-66.	0.5	3
1499	A Strategy for Co-authorship Recommendation: Analysis Using Scientific Data Repositories. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 167-178.	0.2	1
1500	Connectivity-Based Spectral Sampling for Big Complex Network Visualization. Studies in Computational Intelligence, 2021, , 237-248.	0.7	3
1501	The Websites of a Tourism Destination: A Network Analysis. , 2007, , 279-288.		16
1502	Assortativity and Hierarchy in Localized R&D Collaboration Networks. Advances in Spatial Science, 2013, , 115-128.	0.3	2
1503	Mixed Degree-Degree Correlations in Directed Social Networks. Lecture Notes in Computer Science, 2014, , 571-580.	1.0	2

#	Article	IF	CITATIONS
1504	Predicting User Visibility in Online Social Networks Using Local Connectivity Properties. Lecture Notes in Computer Science, 2015, , 419-430.	1.0	2
1507	Assessing Globalization and Regionalization Through Network Indices. United Nations University Series on Regionalism, 2017, , 317-339.	0.2	2
1508	Network of Networks: A Meta-model for Simulated Financial Markets. Studies in Computational Intelligence, 2017, , 671-682.	0.7	1
1509	Homophily Evolution in Online Networks: Who Is a Good Friend and When?. Communications in Computer and Information Science, 2017, , 91-99.	0.4	3
1510	The Perceived Assortativity of Social Networks: Methodological Problems and Solutions. Lecture Notes in Social Networks, 2017, , 1-19.	0.8	9
1511	Beyond Assortativity: Proclivity Index for Attributed Networks (ProNe). Lecture Notes in Computer Science, 2017, , 225-237.	1.0	5
1512	Spread of Pathogens in the Patient Transfer Network of US Hospitals. Lecture Notes in Computer Science, 2017, , 271-280.	1.0	3
1513	Assortative Mixing Equilibria in Social Network Games. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 29-39.	0.2	3
1514	Clustering in Complex Networks. Lecture Notes in Physics, 0, , 139-162.	0.3	47
1515	The Inverse Problem of Evolving Networks â€" with Application to Social Nets. Bolyai Society Mathematical Studies, 2008, , 409-443.	0.3	2
1516	Statistical Network Analysis: Models, Issues, and New Directions. Lecture Notes in Computer Science, 2007, , .	1.0	25
1517	Discovering Functional Communities in Dynamical Networks. , 2006, , 140-157.		13
1518	Information-Cloning of Scale-Free Networks. , 2007, , 925-935.		12
1519	Anonymity in the Wild: Mixes on Unstructured Networks. , 2007, , 254-271.		18
1520	Introduction to Complex Networks. Lecture Notes in Physics, 2009, , 1-11.	0.3	10
1521	Weighted and Directed Network on Traveling Patterns. Lecture Notes in Computer Science, 2008, , 145-154.	1.0	5
1522	Theoretical Tools in Modeling Communication and Language Dynamics., 2010,, 67-81.		1
1523	Fingerprint for Network Topologies. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1666-1677.	0.2	4

#	Article	IF	CITATIONS
1524	Enhancement of Synchronizability of the Kuramoto Model with Assortative Degree-Frequency Mixing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1967-1972.	0.2	2
1526	Why the Internet Is So â€~Small'?. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 4-12.	0.2	2
1527	Assortativity Patterns in Multi-dimensional Inter-organizational Networks: A Case Study of the Humanitarian Relief Sector. Lecture Notes in Computer Science, 2010, , 265-272.	1.0	6
1528	Functional and Structural Topologies in Evolved Neural Networks. Lecture Notes in Computer Science, 2011, , 140-147.	1.0	4
1529	A Link Analysis Model Based on Online Social Networks. Lecture Notes in Computer Science, 2011, , 319-326.	1.0	4
1530	Comparing Linkage Graph and Activity Graph of Online Social Networks. Lecture Notes in Computer Science, 2011, , 84-97.	1.0	9
1531	Microgroup Mining on TSina via Network Structure and User Attribute. Lecture Notes in Computer Science, 2011, , 138-151.	1.0	5
1532	Revisiting Botnet Models and Their Implications for Takedown Strategies. Lecture Notes in Computer Science, 2012, , 249-268.	1.0	8
1533	Synchronous Dynamics over Numerosity-Constrained Stochastic Networks. Understanding Complex Systems, 2012, , 95-121.	0.3	2
1534	Degree and Principal Eigenvectors in Complex Networks. Lecture Notes in Computer Science, 2012, , 149-160.	1.0	5
1535	Applications of Temporal Graph Metrics to Real-World Networks. Understanding Complex Systems, 2013, , 135-159.	0.3	23
1536	Complex Networks Theory. Contributions To Management Science, 2010, , 135-157.	0.4	6
1537	Dynamic network formation with foresighted agents. International Journal of Game Theory, 2020, 49, 345-384.	0.5	2
1538	Mapping the Evolution of Social Research and Data Science on 30ÂYears of Social Indicators Research. Social Indicators Research, 2020, 149, 803-831.	1.4	186
1543	Assortativity of suicide-related posting on social media American Psychologist, 2020, 75, 365-379.	3.8	15
1544	Understanding job satisfaction in the causal attitude network (CAN) model Journal of Applied Psychology, 2020, 105, 959-993.	4.2	10
1545	The effect of attack cost on network robustness. Physica Scripta, 2013, 87, 055801.	1.2	23
1546	Weighted Networks Model Based on Traffic Dynamics with Local Perturbation. Communications in Theoretical Physics, 2007, 48, 953-956.	1.1	2

#	Article	IF	CITATIONS
1549	Shrinkage improves estimation of microbial associations under different normalization methods. NAR Genomics and Bioinformatics, 2020, 2, Iqaa100.	1.5	22
1562	Network modularity controls the speed of information diffusion. Physical Review E, 2020, 102, 052316.	0.8	12
1563	Network constraints on the mixing patterns of binary node metadata. Physical Review E, 2020, 102, 062310.	0.8	13
1564	Mirror node correlations tuning synchronization in multiplex networks. Physical Review E, 2017, 96, 062301.	0.8	8
1565	Nonlinear walkers and efficient exploration of congested networks. Physical Review Research, 2020, 2, .	1.3	10
1566	On the Information Unfairness of Social Networks. , 2020, , 613-521.		8
1567	Segregated interactions in urban and online space. EPJ Data Science, 2020, 9, .	1.5	21
1568	Scholarly migration within Mexico: analyzing internal migration among researchers using Scopus longitudinal bibliometric data. EPJ Data Science, 2020, 9, .	1.5	14
1569	Network models in epidemiology: an overview. World Scientific Lecture Notes in Complex Systems, 2007, , 189-214.	0.1	16
1570	Agreement in Spins and Social Networks. Performance Evaluation Review, 2016, 44, 15-17.	0.4	6
1571	Racial categories in machine learning. , 2019, , .		44
1572	Higher-Order Label Homogeneity and Spreading in Graphs. , 2020, , .		5
1573	A Critical Survey of the Multilevel Method in Complex Networks. ACM Computing Surveys, 2021, 53, 1-35.	16.1	16
1574	Understanding (Mis)Behavior on the EOSIO Blockchain. Proceedings of the ACM on Measurement and Analysis of Computing Systems, 2020, 4, 1-28.	1.4	21
1575	Adversarial Attacks on Graph Neural Networks. ACM Transactions on Knowledge Discovery From Data, 2020, 14, 1-31.	2.5	34
1576	Co-authorship networks (and other contextual factors) behind the growth of taxonomy of South American Ephemeroptera: A scientometric approach. Zootaxa, 2014, 3754, 59-85.	0.2	14
1577	Compositional zero-inflated network estimation for microbiome data. BMC Bioinformatics, 2020, 21, 581.	1,2	11
1578	Percolation on a maximally disassortative network. Europhysics Letters, 2019, 128, 46003.	0.7	2

#	Article	IF	CITATIONS
1579	The SIRS Model of Epidemic Spreading in Virtual Society. Acta Physica Polonica A, 2008, 114, 589-596.	0.2	7
1580	How Nodes and Groups Properties Influence Assortativity in Social Networks?. Acta Physica Polonica A, 2008, 114, 597-605.	0.2	1
1581	Phylodynamics on local sexual contact networks. PLoS Computational Biology, 2017, 13, e1005448.	1.5	16
1582	Network â€~Small-World-Ness': A Quantitative Method for Determining Canonical Network Equivalence. PLoS ONE, 2008, 3, e0002051.	1.1	1,098
1583	A New Measure of Centrality for Brain Networks. PLoS ONE, 2010, 5, e12200.	1.1	254
1584	Understanding Crowd-Powered Search Groups: A Social Network Perspective. PLoS ONE, 2012, 7, e39749.	1.1	28
1585	Exploring the Morphospace of Communication Efficiency in Complex Networks. PLoS ONE, 2013, 8, e58070.	1.1	131
1586	Jointly They Edit: Examining the Impact of Community Identification on Political Interaction in Wikipedia. PLoS ONE, 2013, 8, e60584.	1.1	17
1587	Allosteric Regulation of the Hsp90 Dynamics and Stability by Client Recruiter Cochaperones: Protein Structure Network Modeling. PLoS ONE, 2014, 9, e86547.	1.1	37
1588	Emotions under Discussion: Gender, Status and Communication in Online Collaboration. PLoS ONE, 2014, 9, e104880.	1.1	41
1589	Computational Approaches for Predicting Biomedical Research Collaborations. PLoS ONE, 2014, 9, e111795.	1.1	6
1590	Critical Cooperation Range to Improve Spatial Network Robustness. PLoS ONE, 2015, 10, e0118635.	1.1	7
1591	Degree Correlations Optimize Neuronal Network Sensitivity to Sub-Threshold Stimuli. PLoS ONE, 2015, 10, e0121794.	1.1	22
1592	Robustness of Oscillatory Behavior in Correlated Networks. PLoS ONE, 2015, 10, e0123722.	1.1	25
1593	Quantifying the Consistency of Scientific Databases. PLoS ONE, 2015, 10, e0127390.	1.1	8
1594	Sexual Networks and HIV Risk among Black Men Who Have Sex with Men in 6 U.S. Cities. PLoS ONE, 2015, 10, e0134085.	1.1	54
1595	Testing Propositions Derived from Twitter Studies: Generalization and Replication in Computational Social Science. PLoS ONE, 2015, 10, e0134270.	1.1	30
1596	VA-Index: Quantifying Assortativity Patterns in Networks with Multidimensional Nodal Attributes. PLoS ONE, 2016, 11, e0146188.	1.1	9

#	Article	IF	CITATIONS
1597	Modes of Large-Scale Brain Network Organization during Threat Processing and Posttraumatic Stress Disorder Symptom Reduction during TF-CBT among Adolescent Girls. PLoS ONE, 2016, 11, e0159620.	1.1	32
1598	Tracking the Evolution of Infrastructure Systems and Mass Responses Using Publically Available Data. PLoS ONE, 2016, 11, e0167267.	1.1	15
1599	Inferring and analysis of social networks using RFID check-in data in China. PLoS ONE, 2017, 12, e0178492.	1.1	8
1600	Modeling the live-pig trade network in Georgia: Implications for disease prevention and control. PLoS ONE, 2017, 12, e0178904.	1.1	29
1601	Structure of Online Dating Markets in U.S. Cities. Sociological Science, 2019, 6, 219-234.	2.0	19
1602	High-Modularity Network Generation Model Based on the Muitilayer Network. Transactions of the Japanese Society for Artificial Intelligence, 2017, 32, B-H42_1-11.	0.1	3
1603	Transparency Effect in the Emergence of Monopolies in Social Networks. Jasss, 2013, 16, .	1.0	11
1604	Halting SARS-CoV-2 by Targeting High-Contact Individuals. Jasss, 2020, 23, .	1.0	15
1605	A Resource-Free Evaluation Metric for Cross-Lingual Word Embeddings Based on Graph Modularity. , 2019, , .		9
1606	Towards robust cross-linguistic comparisons of phonological networks. , 2016, , .		5
1607	Introduction to the theory of complex networks. Computer Research and Modeling, 2010, 2, 121-141.	0.2	25
1608	Greedy Network Growth Model of Social Network Service. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2014, 18, 590-597.	0.5	6
1610	U.S. and Whom? Structures and Communities of International Economic Research. Journal of Social Structure, 2015, 16, 1-12.	1.3	2
1611	Communication (and Coordination?) in a Modern, Complex Organization. SSRN Electronic Journal, 0, ,	0.4	25
1612	Marketing Via Friends: Strategic Diffusion of Information in Social Networks with Homophily. SSRN Electronic Journal, 0, , .	0.4	1
1613	An Experiment on Belief Formation in Networks. SSRN Electronic Journal, 0, , .	0.4	12
1614	Monitoring the European CDS Market Through Networks: Implications for Contagion Risks. SSRN Electronic Journal, 0, , .	0.4	15
1615	Gender Disparities in Science? Dropout, Productivity, Collaborations and Success of Male and Female Computer Scientists. SSRN Electronic Journal, 0, , .	0.4	3

#	Article	IF	CITATIONS
1616	The Global Stock Network Connected and Resonance Effect Based on the Time-zone VAR Model with LASSO. SSRN Electronic Journal, 0 , , .	0.4	2
1618	Estimating Determinants of Attrition in Eating Disorder Communities on Twitter: An Instrumental Variables Approach. Journal of Medical Internet Research, 2019, 21, e10942.	2.1	6
1619	Interaction Patterns of Men Who Have Sex With Men on a Geosocial Networking Mobile App in Seven United States Metropolitan Areas: Observational Study. Journal of Medical Internet Research, 2019, 21, e13766.	2.1	5
1620	Understanding and Addressing Variation in Health Care–Associated Infections After Durable Ventricular Assist Device Therapy: Protocol for a Mixed Methods Study. JMIR Research Protocols, 2020, 9, e14701.	0.5	5
1621	Network Analysis of Heart Beat Intervals Using Horizontal Visibility Graphs. , 0, , .		7
1622	Applications of Cohesive Subgraph Detection Algorithms to Analyzing Socio-Technical Networks. , 2017, , .		1
1623	Social Network Mixing Patterns In Mergers & Social Network Mixing Patterns In Mergers & Systems Research, 2011, 2, 36-44.	0.5	6
1624	Testing Generative Models of Online Collaboration with BigBang. , 2015, , .		3
1626	Public policies for enhancing diffusion of technology: a network analysis for a dairy farmer community in Minas Gerais, Brazil. Revista Brasileira De Zootecnia, 2020, 49, .	0.3	2
1627	On congruity of nodes and assortative information content in complex networks. Networks and Heterogeneous Media, 2012, 7, 441-461.	0.5	17
1628	Characterizing ethnic interactions from human communication patterns in Ivory Coast. Networks and Heterogeneous Media, 2015, 10, 87-99.	0.5	8
1629	On the Privacy and Utility of Anonymized Social Networks. International Journal of Adaptive Resilient and Autonomic Systems, 2013, 4, 1-34.	0.3	4
1630	From Frequent Features to Frequent Social Links. International Journal of Information System Modeling and Design, 2013, 4, 76-98.	0.9	3
1631	ELASTICITY: Topological Characterization of Robustness in Complex Networks. , 2008, , .		16
1632	Properties of Self-similarity Networks. Journal of Computers, 2010, 5, .	0.4	2
1637	Empirical study of knowledge network based on complex network theory. Wuli Xuebao/Acta Physica Sinica, 2019, 68, 128902.	0.2	4
1638	Ant colonies maintain social homeostasis in the face of decreased density. ELife, 2019, 8, .	2.8	12
1639	Capturing the interplay of dynamics and networks through parameterizations of Laplacian operators. PeerJ Computer Science, 0, 2, e57.	2.7	7

#	Article	IF	CITATIONS
1640	Comparison of three clustering approaches for detecting novel environmental microbial diversity. Peerly, 2016, 4, e1692.	0.9	26
1642	Mapping the NFT revolution: market trends, trade networks, and visual features. Scientific Reports, 2021, 11, 20902.	1.6	248
1643	Structure and Evolution of the International Pesticide Trade Networks. Frontiers in Physics, 2021, 9, .	1.0	7
1644	Synchronizability of two-layer correlation networks. Chaos, 2021, 31, 103124.	1.0	5
1645	Diagonal Degree Correlations vs. Epidemic Threshold in Scale-Free Networks. Complexity, 2021, 2021, 1-11.	0.9	0
1646	How does homophily shape the topology of a dynamic network?. Physical Review E, 2021, 104, 044311.	0.8	5
1647	Automated exploration of DNA-based structure self-assembly networks. Royal Society Open Science, 2021, 8, 210848.	1.1	0
1648	Adaptive rewiring in nonuniform coupled oscillators. Network Neuroscience, 2022, 6, 90-117.	1.4	2
1649	International Economic Integration: Comparing Exports and FDI Networks in the New Millennium. International Journal of Economics and Finance, 2021, 13, 34.	0.2	0
1651	Classes of the Shortest Pathway Structures inÂScale Free Networks. Lecture Notes in Physics, 0, , 105-125.	0.3	0
1652	MASS-ACTION AND SYSTEM ANALYSIS OF INFECTION TRANSMISSION. , 2005, , 143-155.		1
1653	The Architecture of Globalization: A Network Approach to International Economic Integration. SSRN Electronic Journal, 0, , .	0.4	9
1654	Block & Comovement Effect of Stock Market in Financial Complex Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1248-1260.	0.2	1
1655	Gravity Model for Transportation Network Based on Optimal Expected Traffic. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 514-524.	0.2	1
1656	Correction and Republication: Influence of Network Structure on Evolution of Cooperation. Transactions of the Japanese Society for Artificial Intelligence, 2009, 24, 437-437.	0.1	0
1657	Emergence of Scale-Free Networks with Seceding Mechanism. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1973-1983.	0.2	1
1658	Networks: Structure and Dynamics., 2009,, 6048-6066.		1
1659	Power Law Modelling of Internet Topology. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 2090-2098.	0.2	0

#	Article	IF	CITATIONS
1660	A Dynamic Model of Network Formation with Strategic Interactions. SSRN Electronic Journal, 0, , .	0.4	6
1661	Irregular Community Discovery for Social CRM in Cloud Computing. Lecture Notes in Computer Science, 2009, , 497-509.	1.0	1
1662	Influence of Network Structure on Evolution of Cooperation. Transactions of the Japanese Society for Artificial Intelligence, 2009, 24, 438-445.	0.1	1
1663	A Firm-Growing Model and the Study of Communication Patterns' Effect on the Structure of Firm's Social Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 1374-1386.	0.2	0
1664	Complex Networks Analysis of Customer Networks. Contributions To Management Science, 2010, , 179-222.	0.4	0
1667	The Structural Network Properties of Biological Systems. World Scientific Lecture Notes in Complex Systems, 2009, , 9-31.	0.1	0
1668	The social network of New Zealand directors: An exploratory study. Corporate Board, 2010, 6, 19-38.	0.3	2
1669	From Assortative to Dissortative Networks: The Role of Capacity Constraints. SSRN Electronic Journal, 0, , .	0.4	1
1670	An efficient block model for clustering sparse graphs. , 2010, , .		4
1672	Evaluation Metrics. , 2010, , 109-128.		0
1673	Stability as a natural selection mechanism on interacting networks. Papers in Physics, 2010, 2, .	0.2	0
1674	Modeling and Algorithms on Releasing Range of Traffic Guidance Information. Journal of Computers, 2010, 5, .	0.4	0
1675	A Perspective for Analyzing the Socio-Economic System and Interactive Human Behaviour., 2011, , 1-35.		0
1677	Synchronization of Symmetry Network. Communications in Computer and Information Science, 2011, , 373-380.	0.4	0
1678	Clusters for Life or Life Cycles of Clusters: In Search of the Critical Factors of Cluster Resilience. SSRN Electronic Journal, 0, , .	0.4	1
1679	A evolving network model generated by random walk and policy attachment. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 058903.	0.2	9
1680	Empirical analysis of interpersonal interacting behavior in virtual community. Wuli Xuebao/Acta Physica Sinica, 2011, 60, 078903.	0.2	6
1681	SOC and Complex Networks. , 2011, , 29-94.		1

#	Article	IF	CITATIONS
1682	Cognitive Networks. Computer Research and Modeling, 2011, 3, 231-239.	0.2	4
1683	Dark Network Analysis. Integrated Series on Information Systems, 2012, , 91-103.	0.1	O
1684	Role Assorted Community Discovery for Weighted Networks. Journal of Software, 2011, 6, .	0.6	0
1685	Human Sexual Networks., 2012, , 1535-1546.		0
1687	A Random Network Ensemble Model Based Generalized Network Community Mining Algorithm. Zidonghua Xuebao/Acta Automatica Sinica, 2012, 38, 812-822.	0.3	0
1688	Social and Communication Networks. Springer Theses, 2013, , 9-44.	0.0	0
1689	Improving Relational Classification Using Link Prediction Techniques. Lecture Notes in Computer Science, 2013, , 590-605.	1.0	1
1690	After the 2011 off the Pacific Coast of Tohoku Earthquake Why Did False Rumor Diffuse. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 1796-1805.	0.1	0
1691	Mutual <i>k</i> -Nearest Neighbor Graph Construction in Graph-based Semi-Supervised Classification. Transactions of the Japanese Society for Artificial Intelligence, 2013, 28, 400-408.	0.1	1
1692	Improving Automatic Edge Selection for Relational Classification. Lecture Notes in Computer Science, 2013, , 284-295.	1.0	0
1693	Popularity and Similarity Among Friends: An Agent-Based Model for Friendship Development. Springer Proceedings in Complexity, 2013, , 629-642.	0.2	0
1695	Global Community Extraction in Social Network Analysis. , 2013, , 156-171.		0
1696	Degree Correlation Analysis Method of Mixed Networks. , 2013, , .		0
1697	The Robustness of Assortativity. Lecture Notes in Computer Science, 2013, , 223-226.	1.0	0
1698	Diversity between Human Behaviors and Metadata Analysis: A Measurement of Mobile App Recommendation. Lecture Notes in Computer Science, 2013, , 300-312.	1.0	0
1699	Visions of Globalization: Inequality and Political Stability. SSRN Electronic Journal, 0, , .	0.4	0
1700	Participation Motifs and the Emergence of Organization in Open Productions. SSRN Electronic Journal, 0, , .	0.4	0
1701	Analyzing Trust-Based Mixing Patterns in Signed Networks. Lecture Notes in Computer Science, 2013, , 63-72.	1.0	3

#	Article	IF	CITATIONS
1703	Network Theory. , 2014, , 43-67.		0
1705	Microblog propagation network model based on mean-field theory. Wuli Xuebao/Acta Physica Sinica, 2014, 63, 240501.	0.2	4
1706	Analysis for Betweeness Centrality in Social Network Models. , 2014, , .		0
1708	The Network of Western Classical Music Composers. Studies in Computational Intelligence, 2014, , 1-12.	0.7	0
1709	Mathematical Expressions. , 2014, , 75-148.		0
1710	Classification in Social Networks. Lecture Notes in Social Networks, 2014, , 127-148.	0.8	0
1711	Using Weighted Interaction Metrics for Link Prediction in a Large Online Social Network. Springer Proceedings in Complexity, 2014, , 63-79.	0.2	0
1712	Social Networks: Towards General Models. , 2014, , 17-40.		0
1714	Mixed Membership Models for Rank Data: Investigating Structure in Irish Voting Data., 2014,, 475-494.		0
1716	Synchronization in Quotient Network Based on Symmetry. Open Cybernetics and Systemics Journal, 2014, 8, 455-461.	0.3	0
1717	Factors Influencing Research Collaboration in the Field of Informetrics. Journal of the Korean Society for Information Management, 2014, 31, 201-227.	0.0	2
1720	Weighted Infinite Relational Model for Network Data. Journal of Communications, 2015, , .	1.3	0
1722	Studying Reciprocity and Communication Probability Ratio in Weighted Phone Call Ego Networks. Studies in Computational Intelligence, 2015, , 201-208.	0.7	0
1723	Predicting Behavioural Evolution on a Graph-Based Model. Advances in Networks, 2015, 3, 8.	0.8	2
1724	Collaborative Humanitarianism: Information Networks that Reduce Suffering. Social Indicators Research Series, 2015, , 367-383.	0.3	0
1725	Network Features which Affect Information Diffusion. Transactions of the Japanese Society for Artificial Intelligence, 2015, 30, 195-203.	0.1	0
1726	An Ecological Approach to Software Supply Chain Risk Management. , 2016, , .		2
1727	A Comparison between International Trade and R&D Collaboration Networks in the European Aerospace Sector. Advances in Finance, Accounting, and Economics, 2016, , 141-171.	0.3	0

#	Article	IF	CITATIONS
1728	Coherence of Directed Complex Networks. Transactions of the Society of Instrument and Control Engineers, 2016, 52, 180-187.	0.1	0
1729	Revealing the Anatomy of Vote Trading. SSRN Electronic Journal, 0, , .	0.4	1
1730	A Comparison between International Trade and R&D Collaboration Networks in the European Aerospace Sector., 2016,, 1023-1051.		0
1731	Link Prediction for Authorship Association in Heterogeneous Network Using Streaming Classification. International Journal of Grid and Distributed Computing, 2016, 9, 135-150.	0.8	0
1733	4 The Spread of Opinions in Societies. Human Factors and Ergonomics, 2016, , 61-84.	0.0	1
1735	How to Select Change Agents in Organizations? A Comparison of the Classical and Network Approaches., 2016, 14, 120-143.	0.0	0
1737	Effect of degree correlations on controllability of undirected networks. Wuli Xuebao/Acta Physica Sinica, 2017, 66, 028901.	0.2	2
1738	On the "Calligraphy" of Books. , 2017, , .		1
1739	Assessing Code Authorship: The Case of the Linux Kernel. IFIP Advances in Information and Communication Technology, 2017, , 151-163.	0.5	7
1740	Modeling Networks with a Growing Feature-Structure. Interdisciplinary Information Sciences, 2017, 23, 127-144.	0.2	2
1741	Topology of Online Social Networks. , 2017, , 1-12.		0
1742	Estimation and Model-Based Combination of Causality Networks. SSRN Electronic Journal, 0, , .	0.4	0
1743	Impact of interaction style and degree on the evolution of cooperation on Barabási–Albert scale-free network. PLoS ONE, 2017, 12, e0182523.	1.1	0
1745	A SOCIAL NETWORK ANALYSIS ON THE CULTURE OF HELPING IN HEALTH INSTITUTIONS. Journal of Global Strategic Management, 2017, 11, 33-50.	0.1	1
1746	Topology of Online Social Networks. , 2018, , 3148-3159.		0
1747	Centrality-Based Assortativity Analysis of Complex Network Graphs. Advances in Wireless Technologies and Telecommunication Book Series, 2018, , 66-77.	0.3	0
1751	Biological Lattice Gauge Theory as Modeling of Quantum Neural Networks. Journal of Modeling and Optimization, 2018, 10, 23.	0.8	0
1752	uPATOâ€"Collective Measures. SpringerBriefs in Applied Sciences and Technology, 2019, , 37-60.	0.2	0

#	Article	IF	CITATIONS
1754	Complex Networks. , 2019, , 23-36.		0
1755	Evolving Robust Networks Using Evolutionary Algorithms. , 2019, , 117-140.		5
1757	Identifying Vulnerable Nodes to Cascading Failures: Centrality to the Rescue. Studies in Computational Intelligence, 2019, , 866-878.	0.7	O
1759	Measuring and Mitigating Behavioural Segregation as an Optimisation Problem: The Case of Syrian Refugees in Turkey., 2019,, 283-301.		3
1760	Exposure to Cultural Diversity Predicts Connectedness in a Social Network. SSRN Electronic Journal, 0, , .	0.4	O
1766	Identifying Vulnerable Nodes to Cascading Failures: Optimization-Based Approach. Studies in Computational Intelligence, 2020, , 773-782.	0.7	O
1767	The Case for Kendall's Assortativity. Studies in Computational Intelligence, 2020, , 291-302.	0.7	0
1770	Networks and Context: Algorithmic Challenges for Context-Aware Social Network Research. Lecture Notes in Social Networks, 2020, , 115-130.	0.8	1
1771	Node influence of the dynamic networks. Wuli Xuebao/Acta Physica Sinica, 2020, 69, 048901.	0.2	5
1772	METHODS OF BUILDING A MODEL OF USER BEHAVIOR. UkraÃ-nsʹkij žurnal ìnformacìjnih Tehnologìj, 20, 43-51.	020,	0
1775	Flock-species richness influences node importance and modularity in mixed-species flock networks. Oecologia, 2021, , 1.	0.9	3
1776	Quantifying changes in the British cattle movement network. Preventive Veterinary Medicine, 2022, 198, 105524.	0.7	4
1777	Quantifying Energy and Greenhouse Gas Emissions Embodied in Global Primary Plastic Trade Network. ACS Sustainable Chemistry and Engineering, 2021, 9, 14927-14936.	3.2	4
1779	Kinship networks in shrinking and growing populations. Physica A: Statistical Mechanics and Its Applications, 2021, , 126554.	1.2	O
1780	Limit theorems for assortativity and clustering in null models for scale-free networks. Advances in Applied Probability, 2020, 52, 1035-1084.	0.4	0
1781	Popularity and centrality in Spotify networks: critical transitions in eigenvector centrality. Journal of Complex Networks, 2021, 8, .	1.1	2
1782	Insights from graph theory on the morphologies of actomyosin networks with multilinkers. Physical Review E, 2020, 102, 062420.	0.8	6
1783	ĐĐ¾ÑÑĐ,Đ¹ÑĐºĐ,Đ¹ Đ±ÑƒĐƊĐ,Đଐ Đ, ÑĐ¾Ñ†Đ,Đ°Đ»ÑŒĐ½Ñ‹Đµ Đ¼ĐµĐƊ,а: Ñ,ÑƒĐ²Đ,Đ½ÑĐºĐ,е бÑ	G _, G GGAT	¹ ÑĐºĐ,Đμ∂

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1784	Transmission networks and ectoparasite mite burdens in <i>Oecomys paricola</i> (Rodentia:) Tj ETQq0 0 0 rgBT	Overlock	1g Tf 50 742
1785	Topology Results on of Oligomeric Proteins. Methods in Molecular Biology, 2021, 2253, 113-135.	0.4	0
1786	The Topology of Communicating Across Cities of Increasing Sizes, or the Complex Task of "Reaching Out―in Larger Cities. Lecture Notes in Morphogenesis, 2020, , 97-118.	0.2	1
1787	Microdynamics in Networks. Advances in Computer and Electrical Engineering Book Series, 2020, , 97-116.	0.2	0
1788	Using Individual-Based Models to Look Beyond the Horizon: The Changing Effects of Household-Based Clustering of Susceptibility to Measles in the Next 20 Years. Lecture Notes in Computer Science, 2020, , 385-398.	1.0	3
1791	Using the Network-Based Theory for Monitoring Sustainable Interconnectedness on e-Business. BiliÅŸim Teknolojileri Dergisi, 2020, 13, 145-155.	0.2	0
1792	Cultivating an online teacher community of practice around the instructional conversation pedagogy: a social network analysis. Educational Technology Research and Development, 2022, 70, 289-319.	2.0	3
1793	Network analysis reveals rare disease signatures across multiple levels of biological organization. Nature Communications, 2021, 12, 6306.	5.8	36
1794	Analytical approach to the generalized friendship paradox in networks with correlated attributes. Physical Review E, 2021, 104, 054301.	0.8	1
1795	A node-based index for clustering validation of graph data. Annals of Operations Research, 0, , 1.	2.6	1
1796	Large deviation and anomalous fluctuations scaling in degree assortativity on configuration networks. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 113402.	0.9	0
1797	The warp of power. Electoral politics from cabildo of San Salvador de Jujuy during the XVIIth. century. Awari, 2020, 1, e007.	0.0	0
1798	Sprachliche Netzwerke. , 2008, , 413-427.		1
1799	Connectedness Profiles in Protein Networks for the Analysis of Gene Expression Data. , 2007, , 296-310.		0
1800	Market Segmentation: The Network Approach. , 2008, , 19-36.		1
1803	Exploring Routines in Vehicular Networks. , 2020, , .		7
1804	Causal evolution of global crisis in financial networks. Physica A: Statistical Mechanics and Its Applications, 2020, 554, 124690.	1.2	7
1805	ĐĐ¾Đ²Ñ− Đ¼ĐµÑ,Đ¾Đи Ñ,а Ñ€Ñ−Ñ°ĐµĐ½Đ½Ñ•Ñ‰Đ¾ĐĐ¾ Đ¿Đ¾Đ±ÑƒĐƊ¾Đ²Đ¸ Đ¼Đ¾ĐелÑ− t	Ð æð ∳4Ð2Ð	μ Đ Ñ–Đ½Đ

#	Article	IF	CITATIONS
1806	Social network analyses of patient-healthcare worker interactions: implications for disease transmission. AMIA Annual Symposium proceedings, 2009, 2009, 213-7.	0.2	9
1807	Community detection in complex network by network embedding and density clustering. Journal of Intelligent and Fuzzy Systems, 2021, 41, 6273-6284.	0.8	2
1808	Natural language processing and network analysis provide novel insights on policy and scientific discourse around Sustainable Development Goals. Scientific Reports, 2021, 11, 22427.	1.6	19
1809	How heterogeneity in connections and cycles matter for synchronization of complex networks. Chaos, 2021, 31, 113134.	1.0	4
1810	Topological network analysis of patient similarity for precision management of acute blood pressure in spinal cord injury. ELife, $2021,10,10$	2.8	15
1811	Fuzzy Clustering in Assortative and Disassortative Networks. Journal of Advanced Computational Intelligence and Intelligent Informatics, 2021, 25, 989-999.	0.5	0
1812	Clustering of Aromatic Residues in Prion-like Domains Can Tune the Formation, State, and Organization of Biomolecular Condensates. Biochemistry, 2021, 60, 3566-3581.	1.2	56
1813	Pandemic spread in communities via random graphs. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 113501.	0.9	2
1814	Uncovering hidden dependency in weighted networks via information entropy. Physical Review Research, 2021, 3, .	1.3	5
1815	Assessing information-sharing networks within small-scale fisheries and the implications for conservation interventions. Royal Society Open Science, 2021, 8, 211240.	1.1	3
1816	Resilience of Urban Network Structure in China: The Perspective of Disruption. ISPRS International Journal of Geo-Information, 2021, 10, 796.	1.4	19
1817	Graph Analysis of EEG Functional Connectivity Networks During a Letter-Speech Sound Binding Task in Adult Dyslexics. Frontiers in Psychology, 2021, 12, 767839.	1.1	7
1818	Community health and human-animal contacts on the edges of Bwindi Impenetrable National Park, Uganda. PLoS ONE, 2021, 16, e0254467.	1.1	2
1819	QEEG Biomarkers for ECT Treatment Response in Schizophrenia. Clinical EEG and Neuroscience, 2021, , 155005942110582.	0.9	0
1821	Game Starts at GameStop: Characterizing the Collective Behaviors and Social Dynamics in the Short Squeeze Episode. IEEE Transactions on Computational Social Systems, 2022, 9, 45-58.	3.2	4
1822	An analysis of connectivity, assortativity and cluster structure of the Asian-Australasian cruise shipping network. Maritime Transport Research, 2022, 3, 100048.	1.5	2
1823	From networked SIS model to the Gompertz function. Applied Mathematics and Computation, 2022, 419, 126882.	1.4	2
1824	Institutions and Civil Society Relations in Migori County (Kenya): A Social Network Analysis of Weak and Strong Ties. International Journal of Business and Management, 2020, 15, 1.	0.1	0

#	Article	IF	CITATIONS
1825	A Network-Based High-Level Data Classification Algorithm Using Betweenness Centrality. , 0, , .		0
1826	A Hidden Challenge of Link Prediction: Which Pairs to Check?. , 2020, , .		2
1827	An evolutionary algorithm for reducing fear of crime. , 2020, , .		0
1828	Discovering Industrial and Geographical Separation in Online Professional Networks: Information Cocoons-Like Effect on Professional Information Exchange. , 2021, , .		3
1829	Dynamics of inter-farm transmission of highly pathogenic avian influenza H5N6 integrating vehicle movements and phylogenetic information. Scientific Reports, 2021, 11, 24163.	1.6	10
1830	Degree assortativity in collaboration networks and invention performance. Strategic Management Journal, 2022, 43, 1402-1430.	4.7	10
1832	College integration and social class. Higher Education, 2022, 84, 647-669.	2.8	6
1833	Graph Representation Learning Beyond Node and Homophily. IEEE Transactions on Knowledge and Data Engineering, 2022, , 1-1.	4.0	3
1835	A Case Study of Bluetooth Technology as a Supplemental Tool in Contact Tracing. Journal of Healthcare Informatics Research, 2022, 6, 208-227.	5.3	2
1836	Degree-targeted cascades in modular, degree-heterogeneous networks. Physical Review Research, 2022, 4, .	1.3	2
1838	Social dynamics of core members in mixed-species bird flocks change across a gradient of foraging habitat quality. PLoS ONE, 2022, 17, e0262385.	1.1	1
1839	Genetic networks in ecology: A guide to population, relatedness, and pedigree networks and their applications in conservation biology. Biological Conservation, 2022, 267, 109466.	1.9	7
1840	Label propagation algorithm for community detection based on Coulomb's law. Physica A: Statistical Mechanics and Its Applications, 2022, 593, 126881.	1.2	10
1842	A Unifying Generative Model for Graph Learning Algorithms: Label Propagation, Graph Convolutions, and Combinations. SIAM Journal on Mathematics of Data Science, 2022, 4, 100-125.	1.0	4
1843	Patient-centric characterization of multimorbidity trajectories in patients with severe mental illnesses: A temporal bipartite network modeling approach. Journal of Biomedical Informatics, 2022, 127, 104010.	2.5	2
1844	Tainted ties: the structure and dynamics of corruption networks extracted from deferred prosecution agreements. EPJ Data Science, 2022, 11, .	1.5	2
1845	Characterizing polarization in online vaccine discourseâ€"A large-scale study. PLoS ONE, 2022, 17, e0263746.	1.1	32
1846	Link-Information Augmented Twin Autoencoders for Network Denoising. IEEE Transactions on Cybernetics, 2023, 53, 5585-5595.	6.2	0

#	Article	IF	CITATIONS
1847	Effects ofÂAssortativity onÂConsensus Formation withÂHeterogeneous Agents. Springer Proceedings in Complexity, 2022, , 1-10.	0.2	0
1848	Exploring theÂlmpact ofÂSocial Network Density andÂAgent Openness onÂSocietal Polarization. Springer Proceedings in Complexity, 2022, , 71-84.	0.2	1
1849	Selecting Graph Metrics with Ecological Significance for Deepening Landscape Characterization: Review and Applications. Land, 2022, 11, 338.	1.2	0
1850	Gaining confidence in inferred networks. Scientific Reports, 2022, 12, 2394.	1.6	3
1851	A hidden challenge of link prediction: which pairs to check?. Knowledge and Information Systems, 2022, 64, 743-771.	2.1	0
1852	An experimental study of tie transparency and individual perception in social networks. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, .	1.0	0
1853	Heterogeneous network flow and Petri nets characterize multilayer complex networks. Scientific Reports, 2022, 12, 3513.	1.6	0
1854	Connectedness within the Statistics Classroom. Teaching of Psychology, 2024, 51, 46-57.	0.7	0
1855	The effect of anti-money laundering policies: an empirical network analysis. EPJ Data Science, 2022, 11, .	1.5	6
1856	Asymmetric Relatedness from Partial Correlation. Entropy, 2022, 24, 365.	1.1	1
1857	Adaptive and pathological connectivity responses in Parkinson's disease brain networks. Cerebral Cortex, 2023, 33, 917-932.	1.6	7
1858	From market driving to market shaping: impact of a language shift. Journal of Business and Industrial Marketing, 2023, 38, 155-169.	1.8	6
1859	Sexual mixing patterns among male–female partnerships in Melbourne, Australia. Sexual Health, 2022, 19, 33-38.	0.4	1
1861	Effect of Levodopa Medication on Human Brain Connectome in Parkinson's Diseaseâ€"A Combined Graph Theory and EEG Study. Clinical EEG and Neuroscience, 2022, 53, 562-571.	0.9	2
1862	Link prediction in weighted networks via motif predictor. Knowledge-Based Systems, 2022, 242, 108402.	4.0	4
1863	Probabilistic topic modeling for short text based on word embedding networks. Applied Intelligence, 0, , 1.	3.3	0
1864	A general framework to link theory and empirics in opinion formation models. Scientific Reports, 2022, 12, 5543.	1.6	26
1865	Revisiting Finite Size Effect of Percolation in Degree Correlated Networks. Journal of the Physical Society of Japan, 2022, 91, .	0.7	1

#	Article	IF	CITATIONS
1866	Onion under Microscope: An in-depth analysis of the Tor Web. World Wide Web, 2022, 25, 1287-1313.	2.7	1
1868	Spatially mapping the immune landscape of melanoma using imaging mass cytometry. Science Immunology, 2022, 7, eabi5072.	5.6	60
1869	Network analysis of cattle movements in Chile: Implications for pathogen spread and control. Preventive Veterinary Medicine, 2022, 204, 105644.	0.7	1
1870	A new insight to the analysis of co-authorship in Google Scholar. Applied Network Science, 2022, 7, .	0.8	2
1871	Topological transition in a coupled dynamics in random networks. Physica A: Statistical Mechanics and Its Applications, 2022, 597, 127269.	1.2	1
1872	My friends also prefer diverse music. , 2021, , .		2
1873	Attention-based Frequency Adaptation Graph Convolutional Network., 2021,,.		0
1874	Influence fast or later: Two types of influencers in social networks. Chinese Physics B, 2022, 31, 068901.	0.7	2
1875	Polarized information ecosystems can reorganize social networks via information cascades. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
1876	Exploring inclusiveness towards immigrants as related to basic values: A network approach. PLoS ONE, 2021, 16, e0260624.	1.1	2
1877	Evaluating Time Series Predictability via Transition Graph Analysis., 2021,,.		5
1878	Medical Inter-Specialty Referral Networks. , 2021, , .		0
1879	The Road More Traveled: Evacuation Networks in the US and Japan. Environment and Behavior, 2022, 54, 833-863.	2.1	3
1894	Static and dynamic methods in social network analysis reveal the association patterns of desert-dwelling giraffe. Behavioral Ecology and Sociobiology, 2022, 76, .	0.6	2
1895	Herd immunity and epidemic size in networks with vaccination homophily. Physical Review E, 2022, 105, .	0.8	14
1896	Social synchronization of brain activity increases during eye-contact. Communications Biology, 2022, 5, 412.	2.0	8
1897	Hypergraph assortativity: A dynamical systems perspective. Chaos, 2022, 32, .	1.0	11
1898	Extreme events in dynamical systems and random walkers: A review. Physics Reports, 2022, 966, 1-52.	10.3	37

#	Article	IF	CITATIONS
1899	Identifying Process Graphs Properties with Network Science Metrics., 2021,,.		1
1900	A network approach to decipher the dynamics of Lysobacteraceae plasmid gene sharing. Molecular Ecology, 2023, 32, 2660-2673.	2.0	6
1901	Using Network Science and Psycholinguistic Megastudies to Examine the Dimensions of Phonological Similarity. Language and Speech, 2023, 66, 143-174.	0.6	4
1903	Systematic assessment of the quality of fit of the stochastic block model for empirical networks. Physical Review E, 2022, 105, .	0.8	3
1904	Topology Analysis of Natural Gas Pipeline Networks Based on Complex Network Theory. Energies, 2022, 15, 3864.	1.6	2
1905	Socioeconomic biases in urban mixing patterns of US metropolitan areas. EPJ Data Science, 2022, 11, .	1.5	5
1907	Large-scale Analysis of Discussion Networks in College Courses. , 2022, , .		0
1908	Impact of macroeconomic variables on the topological structure of the Brazilian stock market: A complex network approach. Physica A: Statistical Mechanics and Its Applications, 2022, 604, 127660.	1.2	5
1909	Gender sorting among economists: Evidence from the NBER. Economics Letters, 2022, 217, 110640.	0.9	1
1910	Preferential attachment, R&D expenditure and the evolution of international trade networks from the perspective of complex networks. Physica A: Statistical Mechanics and Its Applications, 2022, 603, 127579.	1.2	8
1911	Connections matter: a proxy measure for evaluating network membership with an application to the Seventh Research Framework Programme. Scientometrics, 0, , .	1.6	0
1912	Research on the Destruction Resistance of Giant Urban Rail Transit Network from the Perspective of Vulnerability. Sustainability, 2022, 14, 7210.	1.6	8
1913	Role of assortativity in predicting burst synchronization using echo state network. Physical Review E, 2022, 105, .	0.8	6
1914	Characterizing genetic transmission networks among newly diagnosed HIV-1 infected individuals in eastern China: 2012–2016. PLoS ONE, 2022, 17, e0269973.	1.1	3
1915	A novel method for assessing and measuring homophily in networks through second-order statistics. Scientific Reports, 2022, 12, .	1.6	2
1916	Impact of assortative mixing by mask-wearing on the propagation of epidemics in networks. Physica A: Statistical Mechanics and Its Applications, 2022, 603, 127760.	1.2	5
1917	Modeling the Interaction Networks about the Climate Change on Twitter: A Characterization of its Network Structure. Complexity, 2022, 2022, 1-20.	0.9	2
1918	A Graph-Cut-Based Approach to Community Detection in Networks. Applied Sciences (Switzerland), 2022, 12, 6218.	1.3	3

#	Article	IF	CITATIONS
1919	Human papillomavirus vaccine coverage in male-male partnerships attending a sexual health clinic in Melbourne, Australia. Human Vaccines and Immunotherapeutics, 2022, 18 , .	1.4	0
1920	Deciphering clock cell network morphology within the biological master clock, suprachiasmatic nucleus: From the perspective of circadian wave dynamics. PLoS Computational Biology, 2022, 18, e1010213.	1.5	2
1921	Information consumption and boundary spanning in Decentralized Online Social Networks: The case of Mastodon users. Online Social Networks and Media, 2022, 30, 100220.	2.3	7
1922	Ecological validation of soil food-web robustness for managed grasslands. Ecological Indicators, 2022, 141, 109079.	2.6	4
1923	Device-Free Indoor Localization of CSI Based on Limited Penetrable Horizontal Visibility Graph. IEEE Access, 2022, 10, 71120-71132.	2.6	2
1924	A Census of Human Methionine-Rich Prion-like Domain-Containing Proteins. Antioxidants, 2022, 11, 1289.	2.2	0
1925	Topological analysis as a tool for detection of abnormalities in protein–protein interaction data. Bioinformatics, 2022, 38, 3968-3975.	1.8	9
1926	Eco-evolutionary model on spatial graphs reveals how habitat structure affects phenotypic differentiation. Communications Biology, 2022, 5, .	2.0	3
1927	Identifying oil market states based on structure and evolution of the international crude oil trade networks. International Journal of Modern Physics B, 2022, 36, .	1.0	2
1928	Doubly stochastic scaling unifies community detection. Neurocomputing, 2022, 504, 141-162.	3.5	2
1929	The structural change and influencing factors of carbon transfer network in global value chains. Journal of Environmental Management, 2022, 318, 115558.	3.8	14
1930	Assortative mixing in weighted directed networks. Physica A: Statistical Mechanics and Its Applications, 2022, 604, 127850.	1.2	4
1931	Exploring the role of interpersonal contexts in peer relationships among autistic and non-autistic youth in integrated education. Frontiers in Psychology, $0,13,\ldots$	1.1	0
1932	The network signature of constellation line figures. PLoS ONE, 2022, 17, e0272270.	1.1	1
1933	Identifying HIV-1 Transmission Clusters in Uzbekistan through Analysis of Molecular Surveillance Data. Viruses, 2022, 14, 1675.	1.5	1
1934	The Structural Role of Smart Contracts and Exchanges in the Centralisation of Ethereum-Based Cryptoassets. Entropy, 2022, 24, 1048.	1.1	5
1935	What factors affect the structural resilience of urban networks during COVID-19 epidemic? A comparative analysis in China. International Journal of Sustainable Development and World Ecology, 2022, 29, 858-874.	3.2	1
1936	<i>Colloquium</i> : Multiscale modeling of brain network organization. Reviews of Modern Physics, 2022, 94, .	16.4	12

#	Article	IF	CITATIONS
1937	Self-induced consensus of Reddit users to characterise the GameStop short squeeze. Scientific Reports, 2022, 12 , .	1.6	9
1938	Disrupting drive-by download networks on Twitter. Social Network Analysis and Mining, 2022, 12, .	1.9	2
1939	Transformation of international liquefied natural gas markets: New trade routes. Energy Reports, 2022, 8, 675-682.	2.5	10
1940	Influential factors of intercity patient mobility and its network structure in China. Cities, 2023, 132, 103975.	2.7	12
1941	Social Network Analysis of Collaboration Patterns Among Economists in China Based on Chinese- and English-Language Publications. SSRN Electronic Journal, 0, , .	0.4	0
1942	Model for Generating Scale-Free Artificial Social Networks Using Small-World Networks. Computers, Materials and Continua, 2022, 73, 6367-6391.	1.5	1
1943	The sexual network and risky sexual behaviours among male migrant workers in China's gender imbalance context. Sexual Health, 2022, , .	0.4	0
1944	Citation Graph Analysis and Alignment Between Citation Adjacency and Themes or Topics of Publications in the Area of Disease Control Through Social Network Surveillance. Lecture Notes in Social Networks, 2022, , 89-108.	0.8	0
1945	CNN-based Prediction of Network Robustness With Missing Edges. , 2022, , .		4
1947	Efficient Node PageRank Improvement via Link-building using Geometric Deep Learning. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-22.	2.5	3
1948	Social media behavior is associated with vaccine hesitancy. , 2022, 1, .		27
1949	Towards innovation resilience through urban networks of co-invention: A case study of cities in China. Frontiers in Earth Science, 0, 10 , .	0.8	1
1950	Study on the Evolution of Multiple Network Resilience of Urban Agglomerations in the Yellow River Basin. Sustainability, 2022, 14, 11174.	1.6	2
1951	A tale of PLS Structural Equation Modelling: Episode Iâ€" A Bibliometrix Citation Analysis. Social Indicators Research, 2022, 164, 1323-1348.	1.4	21
1952	The evolution of structural resilience of global oil and gas resources trade network. Global Networks, 2023, 23, 391-411.	1.7	5
1953	Disassortative Mixing and Systemic Rational Behaviour: How System Rationality Is Influenced by Topology and Placement in Networked Systems. Mathematics, 2022, 10, 3307.	1.1	0
1954	Mapping (mis)alignment within a collaborative network using homophily metrics., 2022, 1, e0000044.		0
1955	Social responses to the natural loss of individuals in Barbary macaques. Mammalian Biology, 2022, 102, 1249-1266.	0.8	4

#	Article	IF	CITATIONS
1956	Topological dissimilarities of hierarchical resting networks in type 2 diabetes mellitus and obesity. Journal of Computational Neuroscience, 2023, 51, 71-86.	0.6	2
1957	Synergistic epidemic spreading in correlated networks. Physical Review E, 2022, 106, .	0.8	3
1958	Visibility analysis of boundary layer transition. Physics of Fluids, 0, , .	1.6	1
1959	The Statistical Trends of Protein Evolution: A Lesson from AlphaFold Database. Molecular Biology and Evolution, 2022, 39, .	3.5	9
1960	Quantifying ethnic segregation in cities through random walks. Nature Communications, 2022, 13, .	5.8	3
1961	Subdivisions and crossroads: Identifying hidden community structures in a data archive's citation network. Quantitative Science Studies, 2022, 3, 694-714.	1.6	5
1962	MimicProp: Learning to Incorporate Lexicon Knowledge into Distributed Word Representation for Social Media Analysis. Proceedings of the International AAAI Conference on Weblogs and Social Media, 0, 14, 738-749.	1.5	1
1963	The Structure of U.S. College Networks on Facebook. Proceedings of the International AAAI Conference on Weblogs and Social Media, 0, 14, 499-510.	1.5	6
1964	It's a Man's Wikipedia? Assessing Gender Inequality in an Online Encyclopedia. Proceedings of the International AAAI Conference on Weblogs and Social Media, 2015, 9, 454-463.	1.5	43
1965	Reliability ofÂNews andÂToxicity inÂTwitter Conversations. Lecture Notes in Computer Science, 2022, , 245-256.	1.0	2
1966	Network Immunization Strategy by Eliminating Fringe Nodes: A Percolation Perspective. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 1862-1871.	5.9	2
1967	A Learning Convolutional Neural Network Approach for Network Robustness Prediction. IEEE Transactions on Cybernetics, 2023, 53, 4531-4544.	6.2	10
1968	Identifying accurate link predictors based on assortativity of complex networks. Scientific Reports, 2022, 12, .	1.6	1
1969	Tracing and testing multiple generations of contacts to COVID-19 cases: cost–benefit trade-offs. Royal Society Open Science, 2022, 9, .	1.1	1
1970	Generating directed networks with predetermined assortativity measures. Statistics and Computing, 2022, 32, .	0.8	2
1971	Mechanism of investor behavior propagation in stock market. Physica A: Statistical Mechanics and Its Applications, 2022, , 128271.	1.2	0
1972	Idus de marzo en México. La acción directa en las redes y en las calles de las multitudes conectadas feministas. Teknokultura Revista De Cultura Digital Y Movimientos Sociales, 0, Avance en lÃnea, 1-16.	0.1	2
1973	Spatial clustering in vaccination hesitancy: The role of social influence and social selection. PLoS Computational Biology, 2022, 18, e1010437.	1.5	12

#	Article	IF	CITATIONS
1974	Statistical properties of the international seed trade networks of rice and maize. International Journal of Modern Physics $C,0,\ldots$	0.8	1
1975	Network polarization, filter bubbles, and echo chambers: an annotated review of measures and reduction methods. International Transactions in Operational Research, 2023, 30, 3122-3158.	1.8	6
1976	PairGNNs: enabling graph neural networks with pair-based view. Neural Computing and Applications, 2023, 35, 3343-3355.	3.2	1
1977	NETWORKS OF MUSIC GROUPS AS SUCCESS PREDICTORS. International Journal of Modeling, Simulation, and Scientific Computing, 0, , .	0.9	0
1979	Classification-based prediction of network connectivity robustness. Neural Networks, 2023, 157, 136-146.	3.3	7
1980	FIP: A fast overlapping community-based influence maximization algorithm using probability coefficient of global diffusion in social networks. Expert Systems With Applications, 2023, 213, 118869.	4.4	21
1981	A graph structure feature-based framework for the pattern recognition of the operational states of integrated energy systems. Expert Systems With Applications, 2023, 213, 119039.	4.4	3
1982	Keep Your Friends Close and Your Facebook Friends Closer: A Multiplex Network Approach to the Analysis of Offline and Online Social Ties. Proceedings of the International AAAI Conference on Weblogs and Social Media, 2014, 8, 206-215.	1.5	28
1983	Networks: Structure and Dynamics., 2009, , 575-597.		0
1984	Exploiting Phase Transition in Latent Networks for Clustering. Proceedings of the AAAI Conference on Artificial Intelligence, 2011, 25, 908-913.	3.6	1
1985	Efficient network intervention with sampling information. Chaos, Solitons and Fractals, 2023, 166, 112952.	2.5	1
1986	Inner composition alignment networks reveal financial impacts of COVID-19. Physica A: Statistical Mechanics and Its Applications, 2023, 609, 128341.	1.2	0
1987	Unveiling Qzone: A measurement study of a large-scale online social network. Information Sciences, 2023, 623, 146-163.	4.0	2
1988	Construction and Application of Patent Technical Element Dependency Network. IEEE Transactions on Engineering Management, 2024, 71, 4076-4090.	2.4	0
1989	Projecting social contact matrices to populations stratified by binary attributes with known homophily. Mathematical Biosciences and Engineering, 2022, 20, 3282-3300.	1.0	3
1990	Reciprocity and interaction effectiveness in generalised mutualisms among freeâ€living species. Ecology Letters, 2023, 26, 132-146.	3.0	6
1991	\$\$Delta \$\$-Conformity: multi-scale node assortativity in feature-rich stream graphs. International Journal of Data Science and Analytics, 2024, 17, 153-164.	2.4	3
1992	Ensemble Learning Based Gene Regulatory Network Inference. International Journal on Artificial Intelligence Tools, 0, , .	0.7	0

#	Article	IF	CITATIONS
1993	Inferring Social Influence in Transport Mode Choice Using Mobile Phone CDR Data., 2023, , 103-129.		0
1994	Quantum physics in connected worlds. Nature Communications, 2022, 13, .	5.8	3
1995	Analysis of cattle movement networks in Paraguay: Implications for the spread and control of infectious diseases. PLoS ONE, 2022, 17, e0278999.	1.1	0
1996	Fairness of Information Flow in Social Networks. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-26.	2.5	2
1997	Higher education $\hat{a} \in \mathbb{T}^M$ s influence on social networks and entrepreneurship in Brazil. Social Network Analysis and Mining, 2023, 13, .	1.9	0
1998	Transport equipment network analysis: the value-added contribution. Journal of Economic Structures, 2022, 11, .	0.6	0
1999	Habitats within the plant root differ in bacterial network topology and taxonomic assortativity. Molecular Plant-Microbe Interactions, 0, , .	1.4	0
2000	Node Similarity Preserving Graph Convolutional Network Based on Full-frequency Information for Node Classification. Neural Processing Letters, 2023, 55, 5473-5498.	2.0	1
2001	Homophily and polarization on political twitter during the 2017 Norwegian election. Social Network Analysis and Mining, 2023, 13, .	1.9	5
2002	Network analyses unveil ageing-associated pathways evolutionarily conserved from fungi to animals. GeroScience, 2023, 45, 1059-1080.	2.1	3
2003	Social stratification in networks: insights from co-authorship networks. Journal of the Royal Society Interface, 2023, 20, .	1.5	1
2004	Attributed Stream-Hypernetwork Analysis: Homophilic Behaviors inÂPairwise andÂGroup Political Discussions onÂReddit. Studies in Computational Intelligence, 2023, , 150-161.	0.7	1
2005	Understanding dynamics of polarization via multiagent social simulation. Al and Society, 2023, 38, 1373-1389.	3.1	2
2006	A Network-Based Approach for Improving Annotation of Transcription Factor Functions and Binding Sites in Arabidopsis thaliana. Genes, 2023, 14, 282.	1.0	0
2008	Cohesion and segregation in the value migration network: Evidence from network partitioning based on sector classification and clustering. Social Network Analysis and Mining, 2023, 13, .	1.9	0
2009	Combinatorial characterizations and impossibilities for higher-order homophily. Science Advances, 2023, 9, .	4.7	10
2010	Towards Consensus: Reducing Polarization by Perturbing Social Networks. IEEE Transactions on Network Science and Engineering, 2023, , $1\text{-}16$.	4.1	1
2012	The influence of copper trade relation structure on copper price: From the perspective of industrial chain. Resources, Conservation and Recycling, 2023, 192, 106933.	5.3	2

#	Article	IF	Citations
2013	Recognition of oil & pipelines operational states using graph network structural features. Engineering Applications of Artificial Intelligence, 2023, 120, 105884.	4.3	2
2014	GNN-Adv: Defence Strategy from Adversarial Attack for Graph Neural Network. , 2022, , .		1
2015	Measuring Segregation via Analysis on Graphs. SIAM Journal on Matrix Analysis and Applications, 2023, 44, 80-105.	0.7	0
2016	What feeds on what? Networks of interdependencies between culture and institutions. Economia Politica, 0, , .	1.2	0
2017	Individual differences in coping styles and associations with social structure in wild baboons (Papio) Tj ETQq0 0 (O rgBT /Ov	erlock 10 Tf 5
2018	Network Analysis on Cortical Morphometry in First-Episode Schizophrenia. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 2228-2240.	2.6	1
2019	Information transmission velocity-based dynamic hierarchical brain networks. NeuroImage, 2023, 270, 119997.	2.1	4
2020	Quantifying ideological polarization on a network using generalized Euclidean distance. Science Advances, 2023, 9, .	4.7	7
2021	How do circadian rhythms and neural synchrony shape networked cooperation? Frontiers in Physics, $0,11,.$	1.0	0
2022	Representation Bias in Data: A Survey on Identification and Resolution Techniques. ACM Computing Surveys, 2023, 55, 1-39.	16.1	3
2023	Alterations of the thalamic nuclei volumes and intrinsic thalamic network in patients with restless legs syndrome. Scientific Reports, 2023, 13, .	1.6	4
2025	A Creativity Survey of Deep Clustering Applied to Images. , 2022, , .		0
2026	Topological properties in the spatial distribution of amphibians in Alabama USA for the use of large scale conservation. Animal Biodiversity and Conservation, 2008, 31, 1-13.	0.3	2
2027	Complex network of eye movements during rapid automatized naming. Frontiers in Neuroscience, 0, 17,	1.4	1
2028	Network analysis of innovation mentor community of practice. Kybernetes, 2023, ahead-of-print, .	1.2	1
2030	Gender-based homophily in collaborations across a heterogeneous scholarly landscape. PLoS ONE, 2023, 18, e0283106.	1.1	1
2031	The effects of hemodialysis on the functional brain connectivity in patients with end-stage renal disease with functional near-infrared spectroscopy. Scientific Reports, 2023, 13, .	1.6	2
2032	Circulation of a digital community currency. Scientific Reports, 2023, 13, .	1.6	3

#	Article	IF	CITATIONS
2033	Multi-view Graph Representation Learning Beyond Homophily. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-21.	2.5	0
2034	Reciprocity, Homophily, and Social Network Effects in Pictorial Communication: A Case Study of Bitmoji Stickers. , 2023, , .		0
2038	Tie-Capacity Shocks and the Resilience of International Trade and Alliance Networks. Evidence-Based Approaches To Peace and Conflict Studies, 2023, , 129-162.	0.1	0
2039	Characterizing the nature of trust & misinformation on Twitter. , 2022, , .		0
2049	Topology Analysis of the XRP Ledger. , 2023, , .		1
2050	Building and Testing a Network of Social Trust in an Underground Forum: Robust Connections and Overlapping Criminal Domains. , 2022, , .		1
2053	Group fairness without demographics using social networks. , 2023, , .		0
2068	Netzwerkanalyse., 2023,, 389-422.		0
2076	Online social-network sensing models. , 2023, , 113-140.		0
2090	Graph Analysis ofÂBlockchain P2P Overlays andÂTheir Security Implications. Lecture Notes in Computer Science, 2023, , 167-186.	1.0	2
2091	Local Pluralistic Homophily inÂNetworks: A New Measure Based onÂOverlapping Communities. Communications in Computer and Information Science, 2023, , 75-87.	0.4	0
2125	Robustness and resilience of complex networks. Nature Reviews Physics, 2024, 6, 114-131.	11.9	0
2129	"Distance-Centric Modularity: Unveiling Network Structures Through a Novel Graph Measure"., 2023,		0
2130	Nonnegative Matrix Factorization Based onÂTopology-and-Attribute-Matching Degree forÂCommunity Detection. Communications in Computer and Information Science, 2024, , 137-151.	0.4	0
2137	Birds of a Feather Purchase Together: Accurate Social Network Inference using Transaction Data. , 2023, , .		0
2141	Extraction and Analysis of Hazardous Patterns in Truck-Involved Crashes via a Text Mining and Network Topology Framework. , 2023, , .		0
2147	Effects ofÂNull Model Choice onÂModularity Maximization. Studies in Computational Intelligence, 2024, , 261-272.	0.7	0