

Zhongzhi Zhang

List of Publications by Year in descending order

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177
papers

4,199
citations

85075

36
h-index

142938

53
g-index

180
all docs

180
docs citations

180
times ranked

1091
citing authors

#	ARTICLE	IF	CITATIONS
1	Attack vulnerability of scale-free networks due to cascading failures. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 6671-6678.	2.6	185
2	Exact solution for mean first-passage time on a pseudofractal scale-free web. <i>Physical Review E</i> , 2009, 79, 021127.	2.1	108
3	A deterministic small-world network created by edge iterations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 363, 567-572.	2.6	106
4	Random walks on weighted networks. <i>Physical Review E</i> , 2013, 87, 012112.	2.1	96
5	Standard random walks and trapping on the Koch network with scale-free behavior and small-world effect. <i>Physical Review E</i> , 2009, 79, 061113.	2.1	88
6	Maximal planar scale-free Sierpinski networks with small-world effect and power law strength-degree correlation. <i>Europhysics Letters</i> , 2007, 79, 38007.	2.0	82
7	Epidemic spreading with nonlinear infectivity in weighted scale-free networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2011, 390, 471-481.	2.6	73
8	High-dimensional Apollonian networks. <i>Journal of Physics A</i> , 2006, 39, 1811-1818.	1.6	72
9	Determining global mean-first-passage time of random walks on Vicsek fractals using eigenvalues of Laplacian matrices. <i>Physical Review E</i> , 2010, 81, 031118.	2.1	69
10	Determining mean first-passage time on a class of treelike regular fractals. <i>Physical Review E</i> , 2010, 82, 031140.	2.1	67
11	On the spectrum of the normalized Laplacian of iterated triangulations of graphs. <i>Applied Mathematics and Computation</i> , 2016, 273, 1123-1129.	2.3	67
12	The exact solution of the mean geodesic distance for Vicsek fractals. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 485102.	2.1	66
13	High-dimensional random Apollonian networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 364, 610-618.	2.6	63
14	Mean first-passage time for random walks on undirected networks. <i>European Physical Journal B</i> , 2011, 84, 691-697.	1.5	63
15	A general geometric growth model for pseudofractal scale-free web. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 377, 329-339.	2.6	62
16	Enumeration of spanning trees in a pseudofractal scale-free web. <i>Europhysics Letters</i> , 2010, 90, 68002.	2.0	61
17	Random walks in weighted networks with a perfect trap: An application of Laplacian spectra. <i>Physical Review E</i> , 2013, 87, 062140.	2.1	61
18	Spanning trees in a fractal scale-free lattice. <i>Physical Review E</i> , 2011, 83, 016116.	2.1	59

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19	Evolving Apollonian networks with small-world scale-free topologies. <i>Physical Review E</i> , 2006, 74, 046105.	2.1	58
20	Eigenvalues of normalized Laplacian matrices of fractal trees and dendrimers: Analytical results and applications. <i>Journal of Chemical Physics</i> , 2013, 138, 204116.	2.9	57
21	Explicit determination of mean first-passage time for random walks on deterministic uniform recursive trees. <i>Physical Review E</i> , 2010, 81, 016114.	2.1	56
22	Analytical solution of average path length for Apollonian networks. <i>Physical Review E</i> , 2008, 77, 017102.	2.1	53
23	Random walks on the Apollonian network with a single trap. <i>Europhysics Letters</i> , 2009, 86, 10006.	2.0	52
24	Trapping in dendrimers and regular hyperbranched polymers. <i>Journal of Chemical Physics</i> , 2012, 137, 044903.	2.9	52
25	The number of spanning trees in Apollonian networks. <i>Discrete Applied Mathematics</i> , 2014, 169, 206-213.	0.9	52
26	Random Sierpinski network with scale-free small-world and modular structure. <i>European Physical Journal B</i> , 2008, 65, 141-147.	1.5	48
27	Mapping Koch curves into scale-free small-world networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 395101.	2.1	46
28	Laplacian spectra of recursive treelike small-world polymer networks: Analytical solutions and applications. <i>Journal of Chemical Physics</i> , 2013, 138, 114904.	2.9	46
29	Farey graphs as models for complex networks. <i>Theoretical Computer Science</i> , 2011, 412, 865-875.	0.9	45
30	Trapping in scale-free networks with hierarchical organization of modularity. <i>Physical Review E</i> , 2009, 80, 051120.	2.1	41
31	Distinct scalings for mean first-passage time of random walks on scale-free networks with the same degree sequence. <i>Physical Review E</i> , 2009, 80, 061111.	2.1	41
32	Counting spanning trees in a small-world Farey graph. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 3342-3349.	2.6	41
33	The normalized Laplacian spectrum of subdivisions of a graph. <i>Applied Mathematics and Computation</i> , 2016, 286, 250-256.	2.3	41
34	Evolving pseudofractal networks. <i>European Physical Journal B</i> , 2007, 58, 337-344.	1.5	40
35	Influence of trap location on the efficiency of trapping in dendrimers and regular hyperbranched polymers. <i>Journal of Chemical Physics</i> , 2013, 138, 094905.	2.9	40
36	Mean first-passage time for random walks on the T-graph. <i>New Journal of Physics</i> , 2009, 11, 103043.	2.9	39

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37	Epidemic spreading in weighted scale-free networks with community structure. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P07043.	2.3	39
38	Robustness of First- and Second-Order Consensus Algorithms for a Noisy Scale-Free Small-World Koch Network. <i>IEEE Transactions on Control Systems Technology</i> , 2017, 25, 342-350.	5.4	37
39	An empirical study of Chinese language networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2008, 387, 3039-3047.	2.6	36
40	Scale-Free Loopy Structure is Resistant to Noise in Consensus Dynamics in Complex Networks. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 190-200.	10.0	36
41	Rumor evolution in social networks. <i>Physical Review E</i> , 2013, 87, .	2.1	35
42	Effect of trap position on the efficiency of trapping in treelike scale-free networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011, 44, 075102.	2.1	34
43	Counting spanning trees in self-similar networks by evaluating determinants. <i>Journal of Mathematical Physics</i> , 2011, 52, .	1.2	34
44	Consensus in Self-Similar Hierarchical Graphs and Sierpiński Graphs: Convergence Speed, Delay Robustness, and Coherence. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 592-603.	10.0	34
45	Role of fractal dimension in random walks on scale-free networks. <i>European Physical Journal B</i> , 2011, 84, 331-338.	1.5	33
46	Optimal and suboptimal networks for efficient navigation measured by mean-first passage time of random walks. <i>Chaos</i> , 2012, 22, 043129.	2.5	33
47	Mean first-passage time for maximal-entropy random walks in complex networks. <i>Scientific Reports</i> , 2014, 4, 5365.	3.4	33
48	Exact calculations of first-passage properties on the pseudofractal scale-free web. <i>Chaos</i> , 2015, 25, 073118.	2.5	33
49	Random walks in modular scale-free networks with multiple traps. <i>Physical Review E</i> , 2012, 85, 011106.	2.1	32
50	Evolutionary method for finding communities in bipartite networks. <i>Physical Review E</i> , 2011, 83, 066120.	2.1	31
51	Laplacian spectra of a class of small-world networks and their applications. <i>Scientific Reports</i> , 2015, 5, 9024.	3.4	31
52	Anomalous behavior of trapping on a fractal scale-free network. <i>Europhysics Letters</i> , 2009, 88, 10001.	2.0	30
53	Random walks on dual Sierpinski gaskets. <i>European Physical Journal B</i> , 2011, 82, 91-96.	1.5	30
54	Mean first-passage time for random walks in general graphs with a deep trap. <i>Journal of Chemical Physics</i> , 2012, 137, 124104.	2.9	30

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55	Incompatibility networks as models of scale-free small-world graphs. <i>European Physical Journal B</i> , 2007, 60, 259-264.	1.5	29
56	Topologies and Laplacian spectra of a deterministic uniform recursive tree. <i>European Physical Journal B</i> , 2008, 63, 507-513.	1.5	27
57	A unified model for Sierpinski networks with scale-free scaling and small-world effect. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 2571-2578.	2.6	27
58	Local-world evolving networks with tunable clustering. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 380, 639-650.	2.6	26
59	Fractal scale-free networks resistant to disease spread. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2008, 2008, P09008.	2.3	26
60	Small-World Topology Can Significantly Improve the Performance of Noisy Consensus in a Complex Network. <i>Computer Journal</i> , 2015, 58, 3242-3254.	2.3	26
61	Correlations in random Apollonian network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 380, 621-628.	2.6	25
62	Average distance in a hierarchical scale-free network: an exact solution. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P10022.	2.3	25
63	The number of spanning trees of an infinite family of outerplanar, small-world and self-similar graphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2013, 392, 2803-2806.	2.6	25
64	Impact of degree heterogeneity on the behavior of trapping in Koch networks. <i>Chaos</i> , 2010, 20, 043112.	2.5	24
65	Different thresholds of bond percolation in scale-free networks with identical degree sequence. <i>Physical Review E</i> , 2009, 79, 031110.	2.1	23
66	Complete spectrum of the stochastic master equation for random walks on treelike fractals. <i>Europhysics Letters</i> , 2011, 96, 40009.	2.0	23
67	Recursive solutions for Laplacian spectra and eigenvectors of a class of growing treelike networks. <i>Physical Review E</i> , 2009, 80, 016104.	2.1	22
68	Recursive weighted treelike networks. <i>European Physical Journal B</i> , 2007, 59, 99-107.	1.5	21
69	Transition from fractal to non-fractal scalings in growing scale-free networks. <i>European Physical Journal B</i> , 2008, 64, 277-283.	1.5	21
70	A geometric growth model interpolating between regular and small-world networks. <i>Journal of Physica A: Mathematical and Theoretical</i> , 2007, 40, 11863-11876.	2.1	20
71	Effects of accelerating growth on the evolution of weighted complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009, 388, 225-232.	2.6	20
72	Controlling the efficiency of trapping in treelike fractals. <i>Journal of Chemical Physics</i> , 2013, 139, 024106.	2.9	20

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73	Spectra of weighted scale-free networks. <i>Scientific Reports</i> , 2015, 5, 17469.	3.4	20
74	The number and degree distribution of spanning trees in the Tower of Hanoi graph. <i>Theoretical Computer Science</i> , 2016, 609, 443-455.	0.9	20
75	Extended Corona Product as an Exactly Tractable Model for Weighted Heterogeneous Networks. <i>Computer Journal</i> , 2018, 61, 745-760.	2.3	20
76	The prisoner's dilemma in structured scale-free networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2009, 42, 245002.	2.1	19
77	Properties and applications of Laplacian spectra for Koch networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 025102.	2.1	19
78	Spectrum of walk matrix for Koch network and its application. <i>Journal of Chemical Physics</i> , 2015, 142, 224106.	2.9	19
79	Scaling of mean first-passage time as efficiency measure of nodes sending information on scale-free Koch networks. <i>European Physical Journal B</i> , 2011, 80, 209-216.	1.5	18
80	Domination number and minimum dominating sets in pseudofractal scale-free web and Sierpiński graph. <i>Theoretical Computer Science</i> , 2017, 677, 12-30.	0.9	18
81	Low-Mean Hitting Time for Random Walks on Heterogeneous Networks. <i>IEEE Transactions on Information Theory</i> , 2019, 65, 6898-6910.	2.6	18
82	Influences of degree inhomogeneity on average path length and random walks in disassortative scale-free networks. <i>Journal of Mathematical Physics</i> , 2009, 50, 033514.	1.2	17
83	Planar unclustered scale-free graphs as models for technological and biological networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 1955-1964.	2.6	17
84	Full eigenvalues of the Markov matrix for scale-free polymer networks. <i>Physical Review E</i> , 2014, 90, 022816.	2.1	17
85	Pfaffian orientations and perfect matchings of scale-free networks. <i>Theoretical Computer Science</i> , 2015, 570, 55-69.	0.9	17
86	A Resistance-Distance-Based Approach for Optimal Leader Selection in Noisy Consensus Networks. <i>IEEE Transactions on Control of Network Systems</i> , 2019, 6, 191-201.	3.9	17
87	Current Flow Group Closeness Centrality for Complex Networks?. , 2019, , .		17
88	EVOLVING SCALE-FREE NETWORK MODEL WITH TUNABLE CLUSTERING. <i>International Journal of Modern Physics B</i> , 2005, 19, 3951-3959.	1.8	16
89	Deterministic weighted scale-free small-world networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010, 389, 3316-3324.	2.6	16
90	Controlling the efficiency of trapping in a scale-free small-world network. <i>Scientific Reports</i> , 2014, 4, 6274.	3.4	16

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91	Eigenvalues for the transition matrix of a small-world scale-free network: Explicit expressions and applications. <i>Physical Review E</i> , 2015, 91, 062808.	2.1	16
92	Kirchhoff Index as a Measure of Edge Centrality in Weighted Networks: Nearly Linear Time Algorithms. , 2018, , 2377-2396.		16
93	From regular to growing small-world networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 385, 765-772.	2.6	15
94	Corona graphs as a model of small-world networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2015, 2015, P11024.	2.3	15
95	Extended Vicsek fractals: Laplacian spectra and their applications. <i>Physical Review E</i> , 2016, 94, 052501.	2.1	15
96	Topological and Spectral Properties of Small-World Hierarchical Graphs. <i>Computer Journal</i> , 2019, 62, 769-784.	2.3	15
97	Spectral Properties of Extended Sierpiński Graphs and Their Applications. <i>IEEE Transactions on Network Science and Engineering</i> , 2019, 6, 512-522.	6.8	15
98	Random walks in small-world exponential treelike networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P08013.	2.3	14
99	Eigenvalue spectrum of transition matrix of dual Sierpinski gaskets and its applications. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 345101.	2.1	14
100	Traffic Fluctuations on Weighted Networks. <i>IEEE Circuits and Systems Magazine</i> , 2012, 12, 33-44.	2.6	14
101	The different cooperative behaviors on a kind of scale-free networks with identical degree sequence. <i>Chaos, Solitons and Fractals</i> , 2013, 56, 91-95.	5.1	14
102	Maximum matchings and minimum dominating sets in Apollonian networks and extended Tower of Hanoi graphs. <i>Theoretical Computer Science</i> , 2017, 703, 37-54.	0.9	14
103	Non-Backtracking Centrality Based Random Walk on Networks. <i>Computer Journal</i> , 2019, 62, 63-80.	2.3	14
104	Maximizing the Number of Spanning Trees in a Connected Graph. <i>IEEE Transactions on Information Theory</i> , 2020, 66, 1248-1260.	2.6	14
105	Exact eigenvalue spectrum of a class of fractal scale-free networks. <i>Europhysics Letters</i> , 2012, 99, 10007.	2.0	13
106	Maximal entropy random walk improves efficiency of trapping in dendrimers. <i>Journal of Chemical Physics</i> , 2014, 140, 234104.	2.9	13
107	Mixed random walks with a trap in scale-free networks including nearest-neighbor and next-nearest-neighbor jumps. <i>Journal of Chemical Physics</i> , 2015, 143, 134101.	2.9	13
108	Diffusion-annihilation processes in weighted scale-free networks with an identical degree sequence. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2011, 2011, P10001.	2.3	12

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109	Contact graphs of disk packings as a model of spatial planar networks. <i>New Journal of Physics</i> , 2009, 11, 083007.	2.9	11
110	Effects of reciprocity on random walks in weighted networks. <i>Scientific Reports</i> , 2015, 4, 7460.	3.4	10
111	Maximum matchings in scale-free networks with identical degree distribution. <i>Theoretical Computer Science</i> , 2017, 675, 64-81.	0.9	10
112	Independence number and the number of maximum independent sets in pseudofractal scale-free web and Sierpiński gasket. <i>Theoretical Computer Science</i> , 2018, 720, 47-54.	0.9	10
113	Monomer-dimer model on a scale-free small-world network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 828-833.	2.6	9
114	Random walks in unweighted and weighted modular scale-free networks with a perfect trap. <i>Journal of Chemical Physics</i> , 2013, 139, 234106.	2.9	9
115	Hitting Times for Random Walks on Sierpiński Graphs and Hierarchical Graphs. <i>Computer Journal</i> , 2020, 63, 1385-1396.	2.3	9
116	Fast Evaluation for Relevant Quantities of Opinion Dynamics. , 2021, , .		9
117	The rigorous solution for the average distance of a Sierpinski network. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P02034.	2.3	8
118	An alternative approach to determining average distance in a class of scale-free modular networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2010, 2010, P12017.	2.3	8
119	Optimal scale-free network with a minimum scaling of transport efficiency for random walks with a perfect trap. <i>Journal of Chemical Physics</i> , 2013, 138, 034101.	2.9	8
120	Dynamics of comb-of-comb networks. <i>Physical Review E</i> , 2016, 93, 032502.	2.1	8
121	Forest Distance Closeness Centrality in Disconnected Graphs. , 2019, , .		8
122	Dynamics of semiflexible recursive small-world polymer networks. <i>Scientific Reports</i> , 2014, 4, 7576.	3.4	7
123	Anomalous behavior of trapping in extended dendrimers with a perfect trap. <i>Journal of Chemical Physics</i> , 2015, 143, 064901.	2.9	7
124	Biharmonic Distance and Performance of Second-Order Consensus Networks with Stochastic Disturbances. , 2018, , .		7
125	Power-Law Graphs Have Minimal Scaling of Kemeny Constant for Random Walks. , 2020, , .		7
126	Vertex labeling and routing in expanded Apollonian networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 035004.	2.1	6

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127	Self-similar non-clustered planar graphs as models for complex networks. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 045103.	2.1	6
128	Photoinduced Spin Precession and Ultrafast Demagnetization in Co ₂ FeAl Films With Crossover From In-Plane to Perpendicular Magnetic Easy Axis. IEEE Magnetics Letters, 2015, 6, 1-4.	1.2	6
129	Spectra, Hitting Times and Resistance Distances of q -Subdivision Graphs. Computer Journal, 2021, 64, 76-92.	2.3	6
130	Maximizing Influence of Leaders in Social Networks. , 2021, , .		6
131	Biharmonic Distance-Based Performance Metric for Second-Order Noisy Consensus Networks. IEEE Transactions on Information Theory, 2022, 68, 1220-1236.	2.6	6
132	Degree and component size distributions in the generalized uniform recursive tree. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 185101.	2.1	5
133	Different behaviors of epidemic spreading in scale-free networks with identical degree sequence. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 065001.	2.1	5
134	Exactly solvable tight-binding model on two scale-free networks with identical degree distribution. Europhysics Letters, 2016, 116, 38002.	2.0	5
135	Assessing Percolation Threshold Based on High-Order Non-Backtracking Matrices. , 2017, , .		5
136	Fast Approximation of Coherence for Second-Order Noisy Consensus Networks. IEEE Transactions on Cybernetics, 2022, 52, 677-686.	10.0	5
137	Modeling Higher-Order Interactions in Complex Networks by Edge Product of Graphs. Computer Journal, 2022, 65, 2347-2359.	2.3	5
138	Nearly Linear Time Algorithm for Mean Hitting Times of Random Walks on a Graph. , 2020, , .		5
139	Biharmonic Distance Related Centrality for Edges in Weighted Networks. , 2018, , .		5
140	Minimizing Spectral Radius of Non-Backtracking Matrix by Edge Removal. , 2021, , .		5
141	Deterministic Scale-free Networks Created in a Recursive Manner. , 2006, , .		4
142	An analytic derivation of clustering coefficients for weighted networks. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P03013.	2.3	4
143	Dissimilar behaviors of coherent exciton transport on scale-free networks with identical degree sequence. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 445001.	2.1	4
144	Exact evaluation of the causal spectrum and localization properties of electronic states on a scale-free network. Physica A: Statistical Mechanics and Its Applications, 2018, 502, 40-48.	2.6	4

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145	Discriminating Power of Centrality Measures in Complex Networks. IEEE Transactions on Cybernetics, 2022, 52, 12583-12593.	10.0	4
146	Continuous-time quantum walks on nonorientable surfaces: analytical solutions for Möbius strips and Klein bottles. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 285301.	2.1	3
147	Unfavorable Individuals in Social Gaming Networks. Scientific Reports, 2015, 5, 17481.	3.4	3
148	Effects of heterogeneity in site-site couplings for tight-binding models on scale-invariant structures. Physics Letters, Section A: General, Atomic and Solid State Physics, 2017, 381, 3773-3778.	2.2	3
149	Combinatorial properties of Farey graphs. Theoretical Computer Science, 2019, 796, 70-89.	0.9	3
150	Coherence Scaling of Noisy Second-Order Scale-Free Consensus Networks. IEEE Transactions on Cybernetics, 2022, 52, 5923-5934.	10.0	3
151	Opinion Maximization in Social Networks via Leader Selection. , 2023, , .		3
152	Convergence Rate of Consensus in a Network of Networks. , 2018, , .		2
153	Effects of Edge Centrality on Random Walks on Graphs. Computer Journal, 2018, , .	2.3	2
154	Diffusion and Consensus in a Weakly Coupled Network of Networks. IEEE Transactions on Control of Network Systems, 2021, 8, 1601-1612.	3.9	2
155	EDGE DOMINATION NUMBER AND THE NUMBER OF MINIMUM EDGE DOMINATING SETS IN PSEUDOFRACTAL SCALE-FREE WEB AND SIERPIŃSKI GASKET. Fractals, 2021, 29, .	3.1	2
156	Benchmark for Discriminating Power of Edge Centrality Metrics. Computer Journal, 2022, 65, 3141-3155.	2.3	2
157	Opinion Dynamics Incorporating Higher-Order Interactions. , 2020, , .		2
158	Resistance Distances In Simplicial Networks. Computer Journal, 2023, 66, 1922-1935.	2.3	2
159	Optimal Scale-Free Small-World Graphs with Minimum Scaling of Cover Time. ACM Transactions on Knowledge Discovery From Data, 2023, 17, 1-19.	3.7	2
160	A Sublinear Time Algorithm for Opinion Optimization in Directed Social Networks via Edge Recommendation. , 2023, , .		2
161	The Discrete-Time SIS Model in Small-World Networks. , 2012, , .		1
162	Real-World Networks Are Not Always Fast Mixing. Computer Journal, 2021, 64, 236-244.	2.3	1

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163	A Fast Algorithm for Moderating Critical Nodes via Edge Removal. IEEE Transactions on Knowledge and Data Engineering, 2024, 36, 1385-1398.	6.2	1
164	Complex networks and computing. Frontiers of Computer Science, 2009, 3, 322-323.	0.7	0
165	A New Method for Extracting the Hierarchical Organization of Networks. International Journal of Information Technology and Decision Making, 2017, 16, 1359-1385.	3.7	0
166	Some Combinatorial Problems in Power-Law Graphs. Computer Journal, 0, , .	2.3	0
167	COMBINATORIAL PROPERTIES FOR A CLASS OF SIMPLICIAL COMPLEXES EXTENDED FROM PSEUDO-FRACTAL SCALE-FREE WEB. Fractals, 0, , .	3.1	0
168	Measures and Optimization for Robustness and Vulnerability in Disconnected Networks. IEEE Transactions on Information Forensics and Security, 2023, 18, 3350-3362.	7.3	0
169	Minimizing Polarization in Noisy Leader-Follower Opinion Dynamics. , 2023, , .		0
170	Linear Opinion Dynamics Model With Higher Order Interactions. IEEE Transactions on Computational Social Systems, 2024, 11, 3627-3636.	5.3	0
171	Defending Against Malicious Influence Control in Online Leader-Follower Social Networks. IEEE Transactions on Information Forensics and Security, 2024, 19, 4809-4819.	7.3	0
172	Efficient Computation for Diagonal of Forest Matrix via Variance-Reduced Forest Sampling. , 2024, , .		0
173	Efficient Approximation of Kemeny's Constant for Large Graphs. , 2024, 2, 1-26.		0
174	Fast Computation for the Forest Matrix of an Evolving Graph. , 2024, 58, 2755-2764.		0
175	Fast Computation of Kemeny's Constant for Directed Graphs. , 2024, 173, 3472-3483.		0
176	Fast Query of Biharmonic Distance in Networks. , 2024, 28, 1887-1897.		0
177	Opinion dynamics in social networks incorporating higher-order interactions. Data Mining and Knowledge Discovery, 0, , .	3.7	0