

Guido Caldarelli

List of Publications by Year in descending order

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193
papers

14,440
citations

24978

57
h-index

24915

109
g-index

202
all docs

202
docs citations

202
times ranked

8754
citing authors

#	ARTICLE	IF	CITATIONS
1	The spreading of misinformation online. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 554-559.	3.3	1,318
2	Scale-Free Networks from Varying Vertex Intrinsic Fitness. Physical Review Letters, 2002, 89, 258702.	2.9	612
3	DebtRank: Too Central to Fail? Financial Networks, the FED and Systemic Risk. Scientific Reports, 2012, 2, 541.	1.6	582
4	A network analysis of the Italian overnight money market. Journal of Economic Dynamics and Control, 2008, 32, 259-278.	0.9	397
5	Science vs Conspiracy: Collective Narratives in the Age of Misinformation. PLoS ONE, 2015, 10, e0118093.	1.1	356
6	Topology of correlation-based minimal spanning trees in real and model markets. Physical Review E, 2003, 68, 046130.	0.8	353
7	A New Metrics for Countries' Fitness and Products' Complexity. Scientific Reports, 2012, 2, 723.	1.6	333
8	Networks of equities in financial markets. European Physical Journal B, 2004, 38, 363-371.	0.6	319
9	Echo Chambers: Emotional Contagion and Group Polarization on Facebook. Scientific Reports, 2016, 6, 37825.	1.6	291
10	Universal scaling relations in food webs. Nature, 2003, 423, 165-168.	13.7	261
11	Detecting communities in large networks. Physica A: Statistical Mechanics and Its Applications, 2005, 352, 669-676.	1.2	249
12	The Effects of Twitter Sentiment on Stock Price Returns. PLoS ONE, 2015, 10, e0138441.	1.1	241
13	The statistical physics of real-world networks. Nature Reviews Physics, 2019, 1, 58-71.	11.9	230
14	Preferential attachment in the growth of social networks: The internet encyclopedia Wikipedia. Physical Review E, 2006, 74, 036116.	0.8	229
15	Modelling Coevolution in Multispecies Communities. Journal of Theoretical Biology, 1998, 193, 345-358.	0.8	208
16	Measuring the Intangibles: A Metrics for the Economic Complexity of Countries and Products. PLoS ONE, 2013, 8, e70726.	1.1	199
17	Quenched disorder, memory, and self-organization. Physical Review E, 1996, 53, R13-R16.	0.8	193
18	Debunking in a world of tribes. PLoS ONE, 2017, 12, e0181821.	1.1	185

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19	Anatomy of news consumption on Facebook. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3035-3039.	3.3	175
20	Pathways towards instability in financial networks. Nature Communications, 2017, 8, 14416.	5.8	172
21	Random hypergraphs and their applications. Physical Review E, 2009, 79, 066118.	0.8	170
22	Web Search Queries Can Predict Stock Market Volumes. PLoS ONE, 2012, 7, e40014.	1.1	170
23	The scale-free topology of market investments. Physica A: Statistical Mechanics and Its Applications, 2005, 350, 491-499.	1.2	169
24	The fractal properties of Internet. Europhysics Letters, 2000, 52, 386-391.	0.7	160
25	Emotional Dynamics in the Age of Misinformation. PLoS ONE, 2015, 10, e0138740.	1.1	148
26	Mapping social dynamics on Facebook: The Brexit debate. Social Networks, 2017, 50, 6-16.	1.3	144
27	Fitness model for the Italian interbank money market. Physical Review E, 2006, 74, 066112.	0.8	142
28	The price of complexity in financial networks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10031-10036.	3.3	141
29	Users Polarization on Facebook and Youtube. PLoS ONE, 2016, 11, e0159641.	1.1	139
30	Opinion dynamics on interacting networks: media competition and social influence. Scientific Reports, 2014, 4, 4938.	1.6	137
31	A prototype model of stock exchange. Europhysics Letters, 1997, 40, 479-484.	0.7	136
32	Quantifying randomness in real networks. Nature Communications, 2015, 6, 8627.	5.8	134
33	A Network Analysis of Countries'™ Export Flows: Firm Grounds for the Building Blocks of the Economy. PLoS ONE, 2012, 7, e47278.	1.1	132
34	Economic complexity: Conceptual grounding of a new metrics for global competitiveness. Journal of Economic Dynamics and Control, 2013, 37, 1683-1691.	0.9	127
35	Default Cascades in Complex Networks: Topology and Systemic Risk. Scientific Reports, 2013, 3, 2759.	1.6	126
36	Modeling confirmation bias and polarization. Scientific Reports, 2017, 7, 40391.	1.6	126

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37	Vertex intrinsic fitness: How to produce arbitrary scale-free networks. <i>Physical Review E</i> , 2004, 70, 056126.	0.8	121
38	The network of plants volatile organic compounds. <i>Scientific Reports</i> , 2017, 7, 11050.	1.6	118
39	Large Scale Structure and Dynamics of Complex Networks. <i>Complex Systems and Interdisciplinary Science</i> , 2007, , .	0.2	118
40	Interplay between topology and dynamics in the World Trade Web. <i>European Physical Journal B</i> , 2007, 57, 159-164.	0.6	102
41	DebtRank: A Microscopic Foundation for Shock Propagation. <i>PLoS ONE</i> , 2015, 10, e0130406.	1.1	97
42	Scaling in currency exchange. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997, 245, 423-436.	1.2	96
43	Self-organized network evolution coupled to extremal dynamics. <i>Nature Physics</i> , 2007, 3, 813-817.	6.5	92
44	Assortative model for social networks. <i>Physical Review E</i> , 2004, 70, 037101.	0.8	91
45	The physics of financial networks. <i>Nature Reviews Physics</i> , 2021, 3, 490-507.	11.9	89
46	Hypergraph topological quantities for tagged social networks. <i>Physical Review E</i> , 2009, 80, 036118.	0.8	78
47	Inferring monopartite projections of bipartite networks: an entropy-based approach. <i>New Journal of Physics</i> , 2017, 19, 053022.	1.2	76
48	Trend of Narratives in the Age of Misinformation. <i>PLoS ONE</i> , 2015, 10, e0134641.	1.1	75
49	Network Analysis of Gut Microbiome and Metabolome to Discover Microbiota-Linked Biomarkers in Patients Affected by Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8730.	1.8	75
50	Bootstrapping Topological Properties and Systemic Risk of Complex Networks Using the Fitness Model. <i>Journal of Statistical Physics</i> , 2013, 151, 720-734.	0.5	73
51	Robustness and assortativity for diffusion-like processes in scale-free networks. <i>Europhysics Letters</i> , 2012, 97, 68006.	0.7	71
52	Self-Organization and Annealed Disorder in a Fracturing Process. <i>Physical Review Letters</i> , 1996, 77, 2503-2506.	2.9	69
53	Reconstructing a credit network. <i>Nature Physics</i> , 2013, 9, 125-126.	6.5	69
54	Self-Healing Networks: Redundancy and Structure. <i>PLoS ONE</i> , 2014, 9, e87986.	1.1	69

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55	Evolution of Controllability in Interbank Networks. Scientific Reports, 2013, 3, 1626.	1.6	68
56	Homophily and polarization in the age of misinformation. European Physical Journal: Special Topics, 2016, 225, 2047-2059.	1.2	68
57	Structure of cycles and local ordering in complex networks. European Physical Journal B, 2004, 38, 183-186.	0.6	66
58	Reconstruction methods for networks: The case of economic and financial systems. Physics Reports, 2018, 757, 1-47.	10.3	66
59	The role of bot squads in the political propaganda on Twitter. Communications Physics, 2020, 3, .	2.0	62
60	Putting proteins back into water. Physical Review E, 2000, 62, 8449-8452.	0.8	61
61	Leveraging the network: A stress-test framework based on DebtRank. Statistics and Risk Modeling, 2016, 33, 117-138.	0.7	61
62	A Multi-Level Geographical Study of Italian Political Elections from Twitter Data. PLoS ONE, 2014, 9, e95809.	1.1	59
63	Network valuation in financial systems. Mathematical Finance, 2020, 30, 1181-1204.	0.9	55
64	Randomly pinned landscape evolution. Physical Review E, 1997, 55, R4865-R4868.	0.8	50
65	Distress Propagation in Complex Networks: The Case of Non-Linear DebtRank. PLoS ONE, 2016, 11, e0163825.	1.1	50
66	Viral Misinformation. , 2015, , .		49
67	Percolation in real wildfires. Europhysics Letters, 2001, 56, 510-516.	0.7	46
68	On the rich-club effect in dense and weighted networks. European Physical Journal B, 2009, 67, 271-275.	0.6	46
69	Virtual Round Table on ten leading questions for network research. European Physical Journal B, 2004, 38, 143-145.	0.6	43
70	Trading strategies in the Italian interbank market. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 467-479.	1.2	43
71	Social network growth with assortative mixing. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 119-124.	1.2	41
72	Ensemble approach to the analysis of weighted networks. Physical Review E, 2007, 76, 016101.	0.8	41

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73	Cold and warm denaturation of proteins. <i>Journal of Biological Physics</i> , 2001, 27, 229-241.	0.7	40
74	Emergence of Complexity in Financial Networks. <i>Lecture Notes in Physics</i> , 0, , 399-423.	0.3	40
75	Topologically biased random walk and community finding in networks. <i>Physical Review E</i> , 2010, 82, 066109.	0.8	40
76	Islanding the power grid on the transmission level: less connections for more security. <i>Scientific Reports</i> , 2016, 6, 34797.	1.6	40
77	True scale-free networks hidden by finite size effects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	40
78	Stationary self-organized fractal structures in an open, dissipative electrical system. <i>Journal of Physics A</i> , 1998, 31, L337-L343.	1.6	39
79	The corporate boards networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 338, 98-106.	1.2	39
80	Invasion Percolation and Critical Transient in the Barabási Model of Human Dynamics. <i>Physical Review Letters</i> , 2007, 98, 208701.	2.9	39
81	Complex derivatives. <i>Nature Physics</i> , 2013, 9, 123-125.	6.5	39
82	The Rise of China in the International Trade Network: A Community Core Detection Approach. <i>PLoS ONE</i> , 2014, 9, e105496.	1.1	39
83	Dynamic fracture model for acoustic emission. <i>European Physical Journal B</i> , 2003, 36, 203-207.	0.6	38
84	Credit Default Swaps networks and systemic risk. <i>Scientific Reports</i> , 2014, 4, 6822.	1.6	37
85	Beauty and distance in the stable marriage problem. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 300, 325-331.	1.2	35
86	Cold and warm swelling of hydrophobic polymers. <i>Physical Review E</i> , 2001, 63, 031802.	0.8	34
87	SPECTRAL METHODS CLUSTER WORDS OF THE SAME CLASS IN A SYNTACTIC DEPENDENCY NETWORK. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007, 17, 2453-2463.	0.7	34
88	The Structure of Financial Networks. , 2010, , 131-163.		34
89	Loops structure of the Internet at the Autonomous System Level. <i>Physical Review E</i> , 2005, 71, 066116.	0.8	33
90	Network Valuation in Financial Systems. <i>SSRN Electronic Journal</i> , 0, , .	0.4	33

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91	River landscapes and optimal channel networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6548-6553.	3.3	32
92	Systemic risk from investment similarities. PLoS ONE, 2019, 14, e0217141.	1.1	32
93	Flow of online misinformation during the peak of the COVID-19 pandemic in Italy. EPJ Data Science, 2021, 10, 34.	1.5	32
94	Statistical features of drainage basins in mars channel networks. European Physical Journal B, 2004, 38, 387-391.	0.6	31
95	SARS-COV-2 comorbidity network and outcome in hospitalized patients in Crema, Italy. PLoS ONE, 2021, 16, e0248498.	1.1	30
96	Social Determinants of Content Selection in the Age of (Mis)Information. Lecture Notes in Computer Science, 2014, , 259-268.	1.0	30
97	Uncovering the topology of configuration space networks. Physical Review E, 2007, 76, 026113.	0.8	29
98	Green Power Grids: How Energy from Renewable Sources Affects Networks and Markets. PLoS ONE, 2015, 10, e0135312.	1.1	29
99	Extracting significant signal of news consumption from social networks: the case of Twitter in Italian political elections. Palgrave Communications, 2019, 5, .	4.7	28
100	Twitter-Based Analysis of the Dynamics of Collective Attention to Political Parties. PLoS ONE, 2015, 10, e0131184.	1.1	28
101	Cascades in interdependent flow networks. Physica D: Nonlinear Phenomena, 2016, 323-324, 35-39.	1.3	27
102	Bayesian Networks Analysis of Malocclusion Data. Scientific Reports, 2017, 7, 15236.	1.6	26
103	Criticality in models for fracture in disordered media. Physica A: Statistical Mechanics and Its Applications, 1999, 270, 15-20.	1.2	24
104	Folksonomies and clustering in the collaborative system <i>CiteULike</i>. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224016.	0.7	24
105	Hyperbolicity measures democracy in real-world networks. Physical Review E, 2015, 92, 032812.	0.8	24
106	Enhanced capital-asset pricing model for the reconstruction of bipartite financial networks. Physical Review E, 2017, 96, 032315.	0.8	24
107	A Complex Network Approach for the Estimation of the Energy Demand of Electric Mobility. Scientific Reports, 2018, 8, 268.	1.6	24
108	Coupling News Sentiment with Web Browsing Data Improves Prediction of Intra-Day Price Dynamics. PLoS ONE, 2016, 11, e0146576.	1.1	24

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109	Grand canonical validation of the bipartite international trade network. <i>Physical Review E</i> , 2017, 96, 022306.	0.8	23
110	Fractal and topological properties of directed fractures. <i>Physical Review E</i> , 1994, 49, 2673-2679.	0.8	21
111	Roughness of fracture surfaces. <i>Europhysics Letters</i> , 2000, 52, 304-310.	0.7	19
112	Organization and hierarchy of the human functional brain network lead to a chain-like core. <i>Scientific Reports</i> , 2017, 7, 4888.	1.6	19
113	Physics of humans, physics for society. <i>Nature Physics</i> , 2018, 14, 870-870.	6.5	19
114	Grand canonical ensemble of weighted networks. <i>Physical Review E</i> , 2019, 99, 030301.	0.8	19
115	PageRank equation and localization in the WWW. <i>Europhysics Letters</i> , 2009, 88, 48002.	0.7	18
116	An economic and financial exploratory. <i>European Physical Journal: Special Topics</i> , 2012, 214, 361-400.	1.2	18
117	Hierarchical mutual information for the comparison of hierarchical community structures in complex networks. <i>Physical Review E</i> , 2015, 92, 062825.	0.8	18
118	Invasion percolation with temperature and the nature of self-organized criticality in real systems. <i>Physical Review E</i> , 2000, 62, 7638-7641.	0.8	17
119	The multilayer structure of corporate networks. <i>New Journal of Physics</i> , 2019, 21, 025002.	1.2	17
120	Firmsâ€™ challenges and social responsibilities during Covid-19: A Twitter analysis. <i>PLoS ONE</i> , 2021, 16, e0254748.	1.1	17
121	Self-organized critical scaling at surfaces. <i>Physical Review E</i> , 1995, 52, 72-75.	0.8	16
122	Leveraging the Network: A Stress-Test Framework Based on DebtRank. <i>SSRN Electronic Journal</i> , 0, , .	0.4	16
123	A perspective on complexity and networks science. <i>Journal of Physics Complexity</i> , 2020, 1, 021001.	0.9	16
124	Self-affine properties of fractures in brittle materials. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 280, 161-165.	1.2	15
125	Cellular models for river networks. <i>Physical Review E</i> , 2001, 63, 021118.	0.8	15
126	Widespread occurrence of the inverse square distribution in social sciences and taxonomy. <i>Physical Review E</i> , 2004, 69, 035101.	0.8	15

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127	Concurrent enhancement of percolation and synchronization in adaptive networks. Scientific Reports, 2016, 6, 27111.	1.6	15
128	(So) Big Data and the transformation of the city. International Journal of Data Science and Analytics, 2021, 11, 311-340.	2.4	15
129	Distributed Generation and Resilience in Power Grids. Lecture Notes in Computer Science, 2013, , 71-79.	1.0	15
130	Hot sandpiles. Europhysics Letters, 1996, 35, 481-486.	0.7	13
131	Dynamics of fractures in quenched disordered media. Physical Review E, 1998, 57, 3878-3885.	0.8	13
132	Perturbative Approach to the Bak-Sneppen Model. Physical Review Letters, 2001, 86, 1896-1899.	2.9	13
133	Growing dynamics of Internet providers. Physical Review E, 2001, 64, 035105.	0.8	13
134	Optimal positioning of storage systems in microgrids based on complex networks centrality measures. Scientific Reports, 2018, 8, 16658.	1.6	13
135	Reconstructing Mesoscale Network Structures. Complexity, 2019, 2019, 1-13.	0.9	13
136	Quantitative description and modeling of real networks. Physical Review E, 2003, 68, 047101.	0.8	12
137	Using Networks To Understand Medical Data: The Case of Class III Malocclusions. PLoS ONE, 2012, 7, e44521.	1.1	12
138	Structural changes in the interbank market across the financial crisis from multiple core-periphery analysis. Journal of Network Theory in Finance, 2018, 4, 33-51.	0.7	12
139	Sex-oriented stable matchings of the marriage problem with correlated and incomplete information. Physica A: Statistical Mechanics and Its Applications, 2001, 299, 268-272.	1.2	11
140	A self-organized model for network evolution. European Physical Journal B, 2008, 64, 585-591.	0.6	11
141	Low-Temperature Behaviour of Social and Economic Networks. Entropy, 2013, 15, 3148-3169.	1.1	11
142	Mean field theory for ordinary and hot sandpiles. Physica A: Statistical Mechanics and Its Applications, 1998, 252, 295-307.	1.2	10
143	Discretized Diffusion Processes. Physical Review Letters, 2000, 85, 4848-4851.	2.9	10
144	Preferential exchange: Strengthening connections in complex networks. Physical Review E, 2004, 70, 027102.	0.8	10

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145	Weighted networks as randomly reinforced urn processes. <i>Physical Review E</i> , 2013, 87, 020106.	0.8	10
146	The ambiguity of nestedness under soft and hard constraints. <i>Scientific Reports</i> , 2020, 10, 19903.	1.6	10
147	Italian Twitter semantic network during the Covid-19 epidemic. <i>EPJ Data Science</i> , 2021, 10, 47.	1.5	10
148	Understanding interactions among cephalometrics variables during growth in untreated Class III subjects. <i>European Journal of Orthodontics</i> , 2017, 39, cjw084.	1.1	9
149	Bond and site color-avoiding percolation in scale-free networks. <i>Physical Review E</i> , 2018, 98, .	0.8	9
150	Branching Processes and Evolution at the Ends of a Food Chain. <i>Physical Review Letters</i> , 1996, 76, 4983-4986.	2.9	8
151	Statistical properties of fractures in damaged materials. <i>Europhysics Letters</i> , 1999, 45, 13-19.	0.7	8
152	Quantifying the taxonomic diversity in real species communities. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 224012.	0.7	8
153	From Ecology to Finance (and Back?): A Review on Entropy-Based Null Models for the Analysis of Bipartite Networks. <i>Journal of Statistical Physics</i> , 2018, 173, 1252-1285.	0.5	8
154	The unbalanced reorganization of weaker functional connections induces the altered brain network topology in schizophrenia. <i>Scientific Reports</i> , 2021, 11, 15400.	1.6	8
155	The Financial System as a Nexus of Interconnected Networks. <i>Understanding Complex Systems</i> , 2016, , 195-229.	0.3	8
156	Why polls fail to predict elections. <i>Journal of Big Data</i> , 2021, 8, .	6.9	8
157	The Price of Complexity in Financial Networks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
158	Critical field-exponents for secure message-passing in modular networks. <i>New Journal of Physics</i> , 2018, 20, 053001.	1.2	7
159	Entropy-based randomization of rating networks. <i>Physical Review E</i> , 2019, 99, 022306.	0.8	7
160	Surface effects in invasion percolation. <i>Physical Review E</i> , 1997, 56, R1291-R1294.	0.8	6
161	Invasion percolation on a tree and queueing models. <i>Physical Review E</i> , 2009, 79, 041133.	0.8	6
162	Invasion percolation and the time scaling behavior of a queueing model of human dynamics. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009, 2009, P02046.	0.9	6

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163	Mitigating cascades in sandpile models: an immunization strategy for systemic risk?. European Physical Journal: Special Topics, 2016, 225, 2017-2023.	1.2	6
164	Optimal path and directed percolation. Physical Review E, 1996, 53, R2029-R2032.	0.8	5
165	Probabilistic approach to the Bak-Sneppen model. Physical Review E, 2002, 65, 046101.	0.8	5
166	Universal scaling in food-web structure? (reply). Nature, 2005, 435, E4-E4.	13.7	5
167	Networks of plants: how to measure similarity in vegetable species. Scientific Reports, 2016, 6, 27077.	1.6	5
168	Exploiting the interplay between cross-sectional and longitudinal data in Class III malocclusion patients. Scientific Reports, 2019, 9, 6189.	1.6	5
169	Controlling systemic risk: Network structures that minimize it and node properties to calculate it. Physical Review E, 2021, 103, 042304.	0.8	5
170	Systemic liquidity contagion in the European interbank market. Journal of Economic Interaction and Coordination, 0, , 1.	0.4	5
171	Theory of boundary effects in invasion percolation. Journal of Physics A, 1998, 31, 7429-7446.	1.6	4
172	Damage and cracking in thin mud layers. Journal of Physics A, 2000, 33, 8013-8028.	1.6	4
173	A community detection analysis of malocclusion classes from orthodontics and upper airway data. Orthodontics and Craniofacial Research, 2021, , .	1.2	4
174	Complexity and data mining in dental research: A network medicine perspective on interceptive orthodontics. Orthodontics and Craniofacial Research, 2021, 24, 16-25.	1.2	4
175	The Validity of Machine Learning Procedures in Orthodontics: What Is Still Missing?. Journal of Personalized Medicine, 2022, 12, 957.	1.1	4
176	Portfolio diversification, differentiation and the robustness of holdings networks. Applied Network Science, 2020, 5, .	0.8	3
177	Self-Organization and Complex Networks. Understanding Complex Systems, 2009, , 107-135.	0.3	3
178	Power Grids, Smart Grids and Complex Networks. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 97-110.	0.1	3
179	Applying weighted network measures to microarray distance matrices. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224011.	0.7	2
180	POPULATION DYNAMICS ON COMPLEX FOOD WEBS. International Journal of Modeling, Simulation, and Scientific Computing, 2011, 14, 635-647.	0.9	2

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181	Complexity Science for Sustainable Smart Water Grids. Communications in Computer and Information Science, 2017, , 26-41.	0.4	2
182	The skeleton of the Shareholders Networks. , 2006, , 297-301.		2
183	Structural Patterns of the Occupy Movement on Facebook. Studies in Computational Intelligence, 2017, , 595-606.	0.7	2
184	Fixed scale transformation for fracture growth processes governed by vectorial fields. Physica A: Statistical Mechanics and Its Applications, 1995, 215, 223-232.	1.2	1
185	Food Web Structure and the Evolution of Complex Networks. Lecture Notes in Physics, 2003, , 148-166.	0.3	1
186	Review of "Introduction to the Theory of Complex Systems"™ by Stefan Thurner, Rudolf Hanel and Peter Klimek. Journal of Complex Networks, 2021, 8, .	1.1	1
187	Financial Networks. Understanding Complex Systems, 2014, , 311-321.	0.3	1
188	Optimal Scales in Weighted Networks. Lecture Notes in Computer Science, 2013, , 346-359.	1.0	1
189	Coupling News Sentiment with Web Browsing Data Improves Prediction of Intra-Day Price Dynamics. SSRN Electronic Journal, 0, , .	0.4	1
190	FIXED SCALE TRANSFORMATION APPROACH FOR BORN MODEL OF FRACTURES. Fractals, 1995, 03, 829-837.	1.8	0
191	Using stochastic dynamics to model multispecies communities. AIP Conference Proceedings, 2000, , .	0.3	0
192	Fractal growth from local instabilities. Europhysics Letters, 2001, 54, 187-193.	0.7	0
193	Local rigidity in sandpile models. Physical Review E, 2002, 66, 016133.	0.8	0