

# Guido Caldarelli

## List of Publications by Year in descending order

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Version: 2024-02-01

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 Validity of Machine Learning Procedures in Orthodontics: What Is Still Missing?. Journal of Personalized Medicine, 2022, 12, 957.	1.1	4
2	(So) Big Data and the transformation of the city. International Journal of Data Science and Analytics, 2021, 11, 311-340.	2.4	15
3	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
4	SARS-COV-2 comorbidity network and outcome in hospitalized patients in Crema, Italy. PLoS ONE, 2021, 16, e0248498.	1.1	30
5	Controlling systemic risk: Network structures that minimize it and node properties to calculate it. Physical Review E, 2021, 103, 042304.	0.8	5
6	The physics of financial networks. Nature Reviews Physics, 2021, 3, 490-507.	11.9	89
7	A community detection analysis of malocclusion classes from orthodontics and upper airway data. Orthodontics and Craniofacial Research, 2021, , .	1.2	4
8	Firms™ challenges and social responsibilities during Covid-19: A Twitter analysis. PLoS ONE, 2021, 16, e0254748.	1.1	17
9	The unbalanced reorganization of weaker functional connections induces the altered brain network topology in schizophrenia. Scientific Reports, 2021, 11, 15400.	1.6	8
10	Flow of online misinformation during the peak of the COVID-19 pandemic in Italy. EPJ Data Science, 2021, 10, 34.	1.5	32
11	Italian Twitter semantic network during the Covid-19 epidemic. EPJ Data Science, 2021, 10, 47.	1.5	10
12	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
13	True scale-free networks hidden by finite size effects. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	40
14	Why polls fail to predict elections. Journal of Big Data, 2021, 8, .	6.9	8
15	Network Analysis of Gut Microbiome and Metabolome to Discover Microbiota-Linked Biomarkers in Patients Affected by Non-Small Cell Lung Cancer. International Journal of Molecular Sciences, 2020, 21, 8730.	1.8	75
16	Portfolio diversification, differentiation and the robustness of holdings networks. Applied Network Science, 2020, 5, .	0.8	3
17	The ambiguity of nestedness under soft and hard constraints. Scientific Reports, 2020, 10, 19903.	1.6	10
18	The role of bot squads in the political propaganda on Twitter. Communications Physics, 2020, 3, .	2.0	62

#	ARTICLE	IF	CITATIONS
19	A perspective on complexity and networks science. <i>Journal of Physics Complexity</i> , 2020, 1, 021001.	0.9	16
20	Network valuation in financial systems. <i>Mathematical Finance</i> , 2020, 30, 1181-1204.	0.9	55
21	The multilayer structure of corporate networks. <i>New Journal of Physics</i> , 2019, 21, 025002.	1.2	17
22	Systemic risk from investment similarities. <i>PLoS ONE</i> , 2019, 14, e0217141.	1.1	32
23	Reconstructing Mesoscale Network Structures. <i>Complexity</i> , 2019, 2019, 1-13.	0.9	13
24	Exploiting the interplay between cross-sectional and longitudinal data in Class III malocclusion patients. <i>Scientific Reports</i> , 2019, 9, 6189.	1.6	5
25	Grand canonical ensemble of weighted networks. <i>Physical Review E</i> , 2019, 99, 030301.	0.8	19
26	Entropy-based randomization of rating networks. <i>Physical Review E</i> , 2019, 99, 022306.	0.8	7
27	The statistical physics of real-world networks. <i>Nature Reviews Physics</i> , 2019, 1, 58-71.	11.9	230
28	Extracting significant signal of news consumption from social networks: the case of Twitter in Italian political elections. <i>Palgrave Communications</i> , 2019, 5, .	4.7	28
29	A Complex Network Approach for the Estimation of the Energy Demand of Electric Mobility. <i>Scientific Reports</i> , 2018, 8, 268.	1.6	24
30	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
31	Critical field-exponents for secure message-passing in modular networks. <i>New Journal of Physics</i> , 2018, 20, 053001.	1.2	7
32	Optimal positioning of storage systems in microgrids based on complex networks centrality measures. <i>Scientific Reports</i> , 2018, 8, 16658.	1.6	13
33	Bond and site color-avoiding percolation in scale-free networks. <i>Physical Review E</i> , 2018, 98, .	0.8	9
34	Physics of humans, physics for society. <i>Nature Physics</i> , 2018, 14, 870-870.	6.5	19
35	Reconstruction methods for networks: The case of economic and financial systems. <i>Physics Reports</i> , 2018, 757, 1-47.	10.3	66
36	River landscapes and optimal channel networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 6548-6553.	3.3	32

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37	Structural changes in the interbank market across the financial crisis from multiple core-periphery analysis. <i>Journal of Network Theory in Finance</i> , 2018, 4, 33-51.	0.7	12
38	Understanding interactions among cephalometrics variables during growth in untreated Class III subjects. <i>European Journal of Orthodontics</i> , 2017, 39, cjw084.	1.1	9
39	Pathways towards instability in financial networks. <i>Nature Communications</i> , 2017, 8, 14416.	5.8	172
40	Modeling confirmation bias and polarization. <i>Scientific Reports</i> , 2017, 7, 40391.	1.6	126
41	Mapping social dynamics on Facebook: The Brexit debate. <i>Social Networks</i> , 2017, 50, 6-16.	1.3	144
42	Anatomy of news consumption on Facebook. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3035-3039.	3.3	175
43	Complexity Science for Sustainable Smart Water Grids. <i>Communications in Computer and Information Science</i> , 2017, , 26-41.	0.4	2
44	Enhanced capital-asset pricing model for the reconstruction of bipartite financial networks. <i>Physical Review E</i> , 2017, 96, 032315.	0.8	24
45	The network of plants volatile organic compounds. <i>Scientific Reports</i> , 2017, 7, 11050.	1.6	118
46	Grand canonical validation of the bipartite international trade network. <i>Physical Review E</i> , 2017, 96, 022306.	0.8	23
47	Bayesian Networks Analysis of Malocclusion Data. <i>Scientific Reports</i> , 2017, 7, 15236.	1.6	26
48	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
49	Inferring monopartite projections of bipartite networks: an entropy-based approach. <i>New Journal of Physics</i> , 2017, 19, 053022.	1.2	76
50	Structural Patterns of the Occupy Movement on Facebook. <i>Studies in Computational Intelligence</i> , 2017, , 595-606.	0.7	2
51	Debunking in a world of tribes. <i>PLoS ONE</i> , 2017, 12, e0181821.	1.1	185
52	Distress Propagation in Complex Networks: The Case of Non-Linear DebtRank. <i>PLoS ONE</i> , 2016, 11, e0163825.	1.1	50
53	Leveraging the network: A stress-test framework based on DebtRank. <i>Statistics and Risk Modeling</i> , 2016, 33, 117-138.	0.7	61
54	Echo Chambers: Emotional Contagion and Group Polarization on Facebook. <i>Scientific Reports</i> , 2016, 6, 37825.	1.6	291

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55	Cascades in interdependent flow networks. <i>Physica D: Nonlinear Phenomena</i> , 2016, 323-324, 35-39.	1.3	27
56	The price of complexity in financial networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10031-10036.	3.3	141
57	Islanding the power grid on the transmission level: less connections for more security. <i>Scientific Reports</i> , 2016, 6, 34797.	1.6	40
58	Mitigating cascades in sandpile models: an immunization strategy for systemic risk?. <i>European Physical Journal: Special Topics</i> , 2016, 225, 2017-2023.	1.2	6
59	Networks of plants: how to measure similarity in vegetable species. <i>Scientific Reports</i> , 2016, 6, 27077.	1.6	5
60	Homophily and polarization in the age of misinformation. <i>European Physical Journal: Special Topics</i> , 2016, 225, 2047-2059.	1.2	68
61	Concurrent enhancement of percolation and synchronization in adaptive networks. <i>Scientific Reports</i> , 2016, 6, 27111.	1.6	15
62	The spreading of misinformation online. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 554-559.	3.3	1,318
63	The Financial System as a Nexus of Interconnected Networks. <i>Understanding Complex Systems</i> , 2016, , 195-229.	0.3	8
64	Coupling News Sentiment with Web Browsing Data Improves Prediction of Intra-Day Price Dynamics. <i>PLoS ONE</i> , 2016, 11, e0146576.	1.1	24
65	Users Polarization on Facebook and Youtube. <i>PLoS ONE</i> , 2016, 11, e0159641.	1.1	139
66	Hyperbolicity measures democracy in real-world networks. <i>Physical Review E</i> , 2015, 92, 032812.	0.8	24
67	Science vs Conspiracy: Collective Narratives in the Age of Misinformation. <i>PLoS ONE</i> , 2015, 10, e0118093.	1.1	356
68	Trend of Narratives in the Age of Misinformation. <i>PLoS ONE</i> , 2015, 10, e0134641.	1.1	75
69	Green Power Grids: How Energy from Renewable Sources Affects Networks and Markets. <i>PLoS ONE</i> , 2015, 10, e0135312.	1.1	29
70	The Effects of Twitter Sentiment on Stock Price Returns. <i>PLoS ONE</i> , 2015, 10, e0138441.	1.1	241
71	Emotional Dynamics in the Age of Misinformation. <i>PLoS ONE</i> , 2015, 10, e0138740.	1.1	148
72	Hierarchical mutual information for the comparison of hierarchical community structures in complex networks. <i>Physical Review E</i> , 2015, 92, 062825.	0.8	18

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73	Viral Misinformation. , 2015, , .		49
74	Quantifying randomness in real networks. Nature Communications, 2015, 6, 8627.	5.8	134
75	DebtRank: A Microscopic Foundation for Shock Propagation. PLoS ONE, 2015, 10, e0130406.	1.1	97
76	Twitter-Based Analysis of the Dynamics of Collective Attention to Political Parties. PLoS ONE, 2015, 10, e0131184.	1.1	28
77	Self-Healing Networks: Redundancy and Structure. PLoS ONE, 2014, 9, e87986.	1.1	69
78	Opinion dynamics on interacting networks: media competition and social influence. Scientific Reports, 2014, 4, 4938.	1.6	137
79	Credit Default Swaps networks and systemic risk. Scientific Reports, 2014, 4, 6822.	1.6	37
80	Financial Networks. Understanding Complex Systems, 2014, , 311-321.	0.3	1
81	Social Determinants of Content Selection in the Age of (Mis)Information. Lecture Notes in Computer Science, 2014, , 259-268.	1.0	30
82	Power Grids, Smart Grids and Complex Networks. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 97-110.	0.1	3
83	A Multi-Level Geographical Study of Italian Political Elections from Twitter Data. PLoS ONE, 2014, 9, e95809.	1.1	59
84	The Rise of China in the International Trade Network: A Community Core Detection Approach. PLoS ONE, 2014, 9, e105496.	1.1	39
85	Low-Temperature Behaviour of Social and Economic Networks. Entropy, 2013, 15, 3148-3169.	1.1	11
86	Bootstrapping Topological Properties and Systemic Risk of Complex Networks Using the Fitness Model. Journal of Statistical Physics, 2013, 151, 720-734.	0.5	73
87	Complex derivatives. Nature Physics, 2013, 9, 123-125.	6.5	39
88	Reconstructing a credit network. Nature Physics, 2013, 9, 125-126.	6.5	69
89	Economic complexity: Conceptual grounding of a new metrics for global competitiveness. Journal of Economic Dynamics and Control, 2013, 37, 1683-1691.	0.9	127
90	Default Cascades in Complex Networks: Topology and Systemic Risk. Scientific Reports, 2013, 3, 2759.	1.6	126

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91	Weighted networks as randomly reinforced urn processes. <i>Physical Review E</i> , 2013, 87, 020106.	0.8	10
92	Evolution of Controllability in Interbank Networks. <i>Scientific Reports</i> , 2013, 3, 1626.	1.6	68
93	Measuring the Intangibles: A Metrics for the Economic Complexity of Countries and Products. <i>PLoS ONE</i> , 2013, 8, e70726.	1.1	199
94	Distributed Generation and Resilience in Power Grids. <i>Lecture Notes in Computer Science</i> , 2013, , 71-79.	1.0	15
95	Optimal Scales in Weighted Networks. <i>Lecture Notes in Computer Science</i> , 2013, , 346-359.	1.0	1
96	DebtRank: Too Central to Fail? Financial Networks, the FED and Systemic Risk. <i>Scientific Reports</i> , 2012, 2, 541.	1.6	582
97	An economic and financial exploratory. <i>European Physical Journal: Special Topics</i> , 2012, 214, 361-400.	1.2	18
98	Robustness and assortativity for diffusion-like processes in scale-free networks. <i>Europhysics Letters</i> , 2012, 97, 68006.	0.7	71
99	A New Metrics for Countries' Fitness and Products' Complexity. <i>Scientific Reports</i> , 2012, 2, 723.	1.6	333
100	Web Search Queries Can Predict Stock Market Volumes. <i>PLoS ONE</i> , 2012, 7, e40014.	1.1	170
101	Using Networks To Understand Medical Data: The Case of Class III Malocclusions. <i>PLoS ONE</i> , 2012, 7, e44521.	1.1	12
102	A Network Analysis of Countries'™ Export Flows: Firm Grounds for the Building Blocks of the Economy. <i>PLoS ONE</i> , 2012, 7, e47278.	1.1	132
103	POPULATION DYNAMICS ON COMPLEX FOOD WEBS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2011, 14, 635-647.	0.9	2
104	The Structure of Financial Networks. , 2010, , 131-163.		34
105	Topologically biased random walk and community finding in networks. <i>Physical Review E</i> , 2010, 82, 066109.	0.8	40
106	Hypergraph topological quantities for tagged social networks. <i>Physical Review E</i> , 2009, 80, 036118.	0.8	78
107	Random hypergraphs and their applications. <i>Physical Review E</i> , 2009, 79, 066118.	0.8	170
108	Invasion percolation on a tree and queueing models. <i>Physical Review E</i> , 2009, 79, 041133.	0.8	6

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109	PageRank equation and localization in the WWW. Europhysics Letters, 2009, 88, 48002.	0.7	18
110	On the rich-club effect in dense and weighted networks. European Physical Journal B, 2009, 67, 271-275.	0.6	46
111	Invasion percolation and the time scaling behavior of a queuing model of human dynamics. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P02046.	0.9	6
112	Self-Organization and Complex Networks. Understanding Complex Systems, 2009, , 107-135.	0.3	3
113	A network analysis of the Italian overnight money market. Journal of Economic Dynamics and Control, 2008, 32, 259-278.	0.9	397
114	A self-organized model for network evolution. European Physical Journal B, 2008, 64, 585-591.	0.6	11
115	Quantifying the taxonomic diversity in real species communities. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224012.	0.7	8
116	Applying weighted network measures to microarray distance matrices. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224011.	0.7	2
117	Folksonomies and clustering in the collaborative system <i>CiteULike</i>. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224016.	0.7	24
118	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
119	Ensemble approach to the analysis of weighted networks. Physical Review E, 2007, 76, 016101.	0.8	41
120	Invasion Percolation and Critical Transient in the Barabási Model of Human Dynamics. Physical Review Letters, 2007, 98, 208701.	2.9	39
121	Uncovering the topology of configuration space networks. Physical Review E, 2007, 76, 026113.	0.8	29
122	Trading strategies in the Italian interbank market. Physica A: Statistical Mechanics and Its Applications, 2007, 376, 467-479.	1.2	43
123	Self-organized network evolution coupled to extremal dynamics. Nature Physics, 2007, 3, 813-817.	6.5	92
124	Interplay between topology and dynamics in the World Trade Web. European Physical Journal B, 2007, 57, 159-164.	0.6	102
125	Large Scale Structure and Dynamics of Complex Networks. Complex Systems and Interdisciplinary Science, 2007, , .	0.2	118
126	Fitness model for the Italian interbank money market. Physical Review E, 2006, 74, 066112.	0.8	142



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127	Preferential attachment in the growth of social networks: The internet encyclopedia Wikipedia. Physical Review E, 2006, 74, 036116.	0.8	229
128	The skeleton of the Shareholders Networks. , 2006, , 297-301.		2
129	The scale-free topology of market investments. Physica A: Statistical Mechanics and Its Applications, 2005, 350, 491-499.	1.2	169
130	Detecting communities in large networks. Physica A: Statistical Mechanics and Its Applications, 2005, 352, 669-676.	1.2	249
131	Universal scaling in food-web structure? (reply). Nature, 2005, 435, E4-E4.	13.7	5
132	Loops structure of the Internet at the Autonomous System Level. Physical Review E, 2005, 71, 066116.	0.8	33
133	Assortative model for social networks. Physical Review E, 2004, 70, 037101.	0.8	91
134	Vertex intrinsic fitness: How to produce arbitrary scale-free networks. Physical Review E, 2004, 70, 056126.	0.8	121
135	Preferential exchange: Strengthening connections in complex networks. Physical Review E, 2004, 70, 027102.	0.8	10
136	Widespread occurrence of the inverse square distribution in social sciences and taxonomy. Physical Review E, 2004, 69, 035101.	0.8	15
137	Structure of cycles and local ordering in complex networks. European Physical Journal B, 2004, 38, 183-186.	0.6	66
138	Virtual Round Table on ten leading questions for network research. European Physical Journal B, 2004, 38, 143-145.	0.6	43
139	Networks of equities in financial markets. European Physical Journal B, 2004, 38, 363-371.	0.6	319
140	Statistical features of drainage basins in mars channel networks. European Physical Journal B, 2004, 38, 387-391.	0.6	31
141	The corporate boards networks. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 98-106.	1.2	39
142	Social network growth with assortative mixing. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 119-124.	1.2	41
143	Dynamic fracture model for acoustic emission. European Physical Journal B, 2003, 36, 203-207.	0.6	38
144	Universal scaling relations in food webs. Nature, 2003, 423, 165-168.	13.7	261

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145	Quantitative description and modeling of real networks. <i>Physical Review E</i> , 2003, 68, 047101.	0.8	12
146	Topology of correlation-based minimal spanning trees in real and model markets. <i>Physical Review E</i> , 2003, 68, 046130.	0.8	353
147	Food Web Structure and the Evolution of Complex Networks. <i>Lecture Notes in Physics</i> , 2003, , 148-166.	0.3	1
148	Probabilistic approach to the Bak-Sneppen model. <i>Physical Review E</i> , 2002, 65, 046101.	0.8	5
149	Local rigidity in sandpile models. <i>Physical Review E</i> , 2002, 66, 016133.	0.8	0
150	Scale-Free Networks from Varying Vertex Intrinsic Fitness. <i>Physical Review Letters</i> , 2002, 89, 258702.	2.9	612
151	Sex-oriented stable matchings of the marriage problem with correlated and incomplete information. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 299, 268-272.	1.2	11
152	Beauty and distance in the stable marriage problem. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 300, 325-331.	1.2	35
153	Cold and warm denaturation of proteins. <i>Journal of Biological Physics</i> , 2001, 27, 229-241.	0.7	40
154	Percolation in real wildfires. <i>Europhysics Letters</i> , 2001, 56, 510-516.	0.7	46
155	Fractal growth from local instabilities. <i>Europhysics Letters</i> , 2001, 54, 187-193.	0.7	0
156	Cold and warm swelling of hydrophobic polymers. <i>Physical Review E</i> , 2001, 63, 031802.	0.8	34
157	Perturbative Approach to the Bak-Sneppen Model. <i>Physical Review Letters</i> , 2001, 86, 1896-1899.	2.9	13
158	Growing dynamics of Internet providers. <i>Physical Review E</i> , 2001, 64, 035105.	0.8	13
159	Cellular models for river networks. <i>Physical Review E</i> , 2001, 63, 021118.	0.8	15
160	Self-affine properties of fractures in brittle materials. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 280, 161-165.	1.2	15
161	Using stochastic dynamics to model multispecies communities. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	0
162	The fractal properties of Internet. <i>Europhysics Letters</i> , 2000, 52, 386-391.	0.7	160

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163	Roughness of fracture surfaces. Europhysics Letters, 2000, 52, 304-310.	0.7	19
164	Damage and cracking in thin mud layers. Journal of Physics A, 2000, 33, 8013-8028.	1.6	4
165	Discretized Diffusion Processes. Physical Review Letters, 2000, 85, 4848-4851.	2.9	10
166	Invasion percolation with temperature and the nature of self-organized criticality in real systems. Physical Review E, 2000, 62, 7638-7641.	0.8	17
167	Putting proteins back into water. Physical Review E, 2000, 62, 8449-8452.	0.8	61
168	Statistical properties of fractures in damaged materials. Europhysics Letters, 1999, 45, 13-19.	0.7	8
169	Criticality in models for fracture in disordered media. Physica A: Statistical Mechanics and Its Applications, 1999, 270, 15-20.	1.2	24
170	Modelling Coevolution in Multispecies Communities. Journal of Theoretical Biology, 1998, 193, 345-358.	0.8	208
171	Mean field theory for ordinary and hot sandpiles. Physica A: Statistical Mechanics and Its Applications, 1998, 252, 295-307.	1.2	10
172	Theory of boundary effects in invasion percolation. Journal of Physics A, 1998, 31, 7429-7446.	1.6	4
173	Stationary self-organized fractal structures in an open, dissipative electrical system. Journal of Physics A, 1998, 31, L337-L343.	1.6	39
174	Dynamics of fractures in quenched disordered media. Physical Review E, 1998, 57, 3878-3885.	0.8	13
175	A prototype model of stock exchange. Europhysics Letters, 1997, 40, 479-484.	0.7	136
176	Surface effects in invasion percolation. Physical Review E, 1997, 56, R1291-R1294.	0.8	6
177	Randomly pinned landscape evolution. Physical Review E, 1997, 55, R4865-R4868.	0.8	50
178	Scaling in currency exchange. Physica A: Statistical Mechanics and Its Applications, 1997, 245, 423-436.	1.2	96
179	Self-Organization and Annealed Disorder in a Fracturing Process. Physical Review Letters, 1996, 77, 2503-2506.	2.9	69
180	Branching Processes and Evolution at the Ends of a Food Chain. Physical Review Letters, 1996, 76, 4983-4986.	2.9	8

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181	Optimal path and directed percolation. <i>Physical Review E</i> , 1996, 53, R2029-R2032.	0.8	5
182	Quenched disorder, memory, and self-organization. <i>Physical Review E</i> , 1996, 53, R13-R16.	0.8	193
183	Hot sandpiles. <i>Europhysics Letters</i> , 1996, 35, 481-486.	0.7	13
184	Fixed scale transformation for fracture growth processes governed by vectorial fields. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1995, 215, 223-232.	1.2	1
185	Self-organized critical scaling at surfaces. <i>Physical Review E</i> , 1995, 52, 72-75.	0.8	16
186	FIXED SCALE TRANSFORMATION APPROACH FOR BORN MODEL OF FRACTURES. <i>Fractals</i> , 1995, 03, 829-837.	1.8	0
187	Fractal and topological properties of directed fractures. <i>Physical Review E</i> , 1994, 49, 2673-2679.	0.8	21
188	Emergence of Complexity in Financial Networks. <i>Lecture Notes in Physics</i> , 0, , 399-423.	0.3	40
189	The Price of Complexity in Financial Networks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
190	Leveraging the Network: A Stress-Test Framework Based on DebtRank. <i>SSRN Electronic Journal</i> , 0, , .	0.4	16
191	Network Valuation in Financial Systems. <i>SSRN Electronic Journal</i> , 0, , .	0.4	33
192	Coupling News Sentiment with Web Browsing Data Improves Prediction of Intra-Day Price Dynamics. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
193	Systemic liquidity contagion in the European interbank market. <i>Journal of Economic Interaction and Coordination</i> , 0, , 1.	0.4	5