

Guido Caldarelli

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189 papers	10,394 citations	53 h-index	98 g-index
202 ext. papers	12,514 ext. citations	4.3 avg, IF	6.57 L-index

#	Paper	IF	Citations
189	Why polls fail to predict elections. <i>Journal of Big Data</i> , 2021 , 8,	11.7	1
188	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,	11.5	13
187	SARS-COV-2 comorbidity network and outcome in hospitalized patients in Crema, Italy. <i>PLoS ONE</i> , 2021 , 16, e0248498	3.7	18
186	Controlling systemic risk: Network structures that minimize it and node properties to calculate it. <i>Physical Review E</i> , 2021 , 103, 042304	2.4	0
185	The physics of financial networks. <i>Nature Reviews Physics</i> , 2021 , 3, 490-507	23.6	12
184	Firms challenges and social responsibilities during Covid-19: A Twitter analysis. <i>PLoS ONE</i> , 2021 , 16, e0254748	3.7	6
183	The unbalanced reorganization of weaker functional connections induces the altered brain network topology in schizophrenia. <i>Scientific Reports</i> , 2021 , 11, 15400	4.9	1
182	(So) Big Data and the transformation of the city. <i>International Journal of Data Science and Analytics</i> , 2021 , 11, 311-340	2	11
181	Flow of online misinformation during the peak of the COVID-19 pandemic in Italy. <i>EPJ Data Science</i> , 2021 , 10, 34	3.4	14
180	Italian Twitter semantic network during the Covid-19 epidemic. <i>EPJ Data Science</i> , 2021 , 10, 47	3.4	5
179	The role of bot squads in the political propaganda on Twitter. <i>Communications Physics</i> , 2020 , 3,	5.4	25
178	A perspective on complexity and networks science. <i>Journal of Physics Complexity</i> , 2020 , 1, 021001	1.8	9
177	Network valuation in financial systems. <i>Mathematical Finance</i> , 2020 , 30, 1181-1204	2.3	21
176	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,	6.3	14
175	Portfolio diversification, differentiation and the robustness of holdings networks. <i>Applied Network Science</i> , 2020 , 5,	2.9	1
174	The ambiguity of nestedness under soft and hard constraints. <i>Scientific Reports</i> , 2020 , 10, 19903	4.9	7
173	Systemic risk from investment similarities. <i>PLoS ONE</i> , 2019 , 14, e0217141	3.7	19

172	Reconstructing Mesoscale Network Structures. <i>Complexity</i> , 2019 , 2019, 1-13	1.6	8
171	Exploiting the interplay between cross-sectional and longitudinal data in Class III malocclusion patients. <i>Scientific Reports</i> , 2019 , 9, 6189	4.9	2
170	Grand canonical ensemble of weighted networks. <i>Physical Review E</i> , 2019 , 99, 030301	2.4	15
169	The multilayer structure of corporate networks. <i>New Journal of Physics</i> , 2019 , 21, 025002	2.9	12
168	Extracting significant signal of news consumption from social networks: the case of Twitter in Italian political elections. <i>Palgrave Communications</i> , 2019 , 5,	5.3	16
167	Entropy-based randomization of rating networks. <i>Physical Review E</i> , 2019 , 99, 022306	2.4	6
166	The statistical physics of real-world networks. <i>Nature Reviews Physics</i> , 2019 , 1, 58-71	23.6	114
165	A Complex Network Approach for the Estimation of the Energy Demand of Electric Mobility. <i>Scientific Reports</i> , 2018 , 8, 268	4.9	17
164	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	1.5	5
163	Reconstruction methods for networks: The case of economic and financial systems. <i>Physics Reports</i> , 2018 , 757, 1-47	27.7	35
162	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	11.5	23
161	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	1.5	10
160	Critical field-exponents for secure message-passing in modular networks. <i>New Journal of Physics</i> , 2018 , 20, 053001	2.9	5
159	Optimal positioning of storage systems in microgrids based on complex networks centrality measures. <i>Scientific Reports</i> , 2018 , 8, 16658	4.9	7
158	Bond and site color-avoiding percolation in scale-free networks. <i>Physical Review E</i> , 2018 , 98,	2.4	5
157	Physics of humans, physics for society. <i>Nature Physics</i> , 2018 , 14, 870-870	16.2	12
156	Understanding interactions among cephalometrics variables during growth in untreated Class III subjects. <i>European Journal of Orthodontics</i> , 2017 , 39, 395-401	3.3	8
155	Pathways towards instability in financial networks. <i>Nature Communications</i> , 2017 , 8, 14416	17.4	109

154	Modeling confirmation bias and polarization. <i>Scientific Reports</i> , 2017 , 7, 40391	4.9	83
153	Mapping social dynamics on Facebook: The Brexit debate. <i>Social Networks</i> , 2017 , 50, 6-16	3.9	98
152	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	11.5	110
151	Complexity Science for Sustainable Smart Water Grids. <i>Communications in Computer and Information Science</i> , 2017 , 26-41	0.3	2
150	Enhanced capital-asset pricing model for the reconstruction of bipartite financial networks. <i>Physical Review E</i> , 2017 , 96, 032315	2.4	12
149	The network of plants volatile organic compounds. <i>Scientific Reports</i> , 2017 , 7, 11050	4.9	66
148	Grand canonical validation of the bipartite international trade network. <i>Physical Review E</i> , 2017 , 96, 022306	3.0	18
147	Bayesian Networks Analysis of Malocclusion Data. <i>Scientific Reports</i> , 2017 , 7, 15236	4.9	15
146	Organization and hierarchy of the human functional brain network lead to a chain-like core. <i>Scientific Reports</i> , 2017 , 7, 4888	4.9	10
145	Inferring monopartite projections of bipartite networks: an entropy-based approach. <i>New Journal of Physics</i> , 2017 , 19, 053022	2.9	45
144	Debunking in a world of tribes. <i>PLoS ONE</i> , 2017 , 12, e0181821	3.7	121
143	Structural Patterns of the Occupy Movement on Facebook. <i>Studies in Computational Intelligence</i> , 2017 , 595-606	0.8	1
142	The price of complexity in financial networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10031-6	11.5	99
141	Islanding the power grid on the transmission level: less connections for more security. <i>Scientific Reports</i> , 2016 , 6, 34797	4.9	27
140	Mitigating cascades in sandpile models: an immunization strategy for systemic risk?. <i>European Physical Journal: Special Topics</i> , 2016 , 225, 2017-2023	2.3	3
139	Networks of plants: how to measure similarity in vegetable species. <i>Scientific Reports</i> , 2016 , 6, 27077	4.9	5
138	Homophily and polarization in the age of misinformation. <i>European Physical Journal: Special Topics</i> , 2016 , 225, 2047-2059	2.3	49
137	Concurrent enhancement of percolation and synchronization in adaptive networks. <i>Scientific Reports</i> , 2016 , 6, 27111	4.9	10

136	The spreading of misinformation online. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 554-9	11.5	813
135	Coupling News Sentiment with Web Browsing Data Improves Prediction of Intra-Day Price Dynamics. <i>PLoS ONE</i> , 2016 , 11, e0146576	3.7	21
134	Users Polarization on Facebook and Youtube. <i>PLoS ONE</i> , 2016 , 11, e0159641	3.7	89
133	The Financial System as a Nexus of Interconnected Networks. <i>Understanding Complex Systems</i> , 2016 , 195-229	0.4	7
132	Network Valuation in Financial Systems. <i>SSRN Electronic Journal</i> , 2016 ,	1	28
131	Distress Propagation in Complex Networks: The Case of Non-Linear DebtRank. <i>PLoS ONE</i> , 2016 , 11, e0163825	3.7	35
130	Leveraging the network: A stress-test framework based on DebtRank. <i>Statistics and Risk Modeling</i> , 2016 , 33, 117-138	0.2	39
129	Echo Chambers: Emotional Contagion and Group Polarization on Facebook. <i>Scientific Reports</i> , 2016 , 6, 37825	4.9	178
128	Cascades in interdependent flow networks. <i>Physica D: Nonlinear Phenomena</i> , 2016 , 323-324, 35-39	3.3	19
127	Viral Misinformation 2015 ,		35
126	Quantifying randomness in real networks. <i>Nature Communications</i> , 2015 , 6, 8627	17.4	98
125	Hyperbolicity measures democracy in real-world networks. <i>Physical Review E</i> , 2015 , 92, 032812	2.4	15
124	The Price of Complexity in Financial Networks. <i>SSRN Electronic Journal</i> , 2015 ,	1	6
123	Science vs conspiracy: collective narratives in the age of misinformation. <i>PLoS ONE</i> , 2015 , 10, e0118093	3.7	246
122	Trend of Narratives in the Age of Misinformation. <i>PLoS ONE</i> , 2015 , 10, e0134641	3.7	53
121	Green Power Grids: How Energy from Renewable Sources Affects Networks and Markets. <i>PLoS ONE</i> , 2015 , 10, e0135312	3.7	21
120	The Effects of Twitter Sentiment on Stock Price Returns. <i>PLoS ONE</i> , 2015 , 10, e0138441	3.7	156
119	Emotional Dynamics in the Age of Misinformation. <i>PLoS ONE</i> , 2015 , 10, e0138740	3.7	95

118	Leveraging the Network: A Stress-Test Framework Based on DebtRank. <i>SSRN Electronic Journal</i> , 2015 ,	1	11
117	Hierarchical mutual information for the comparison of hierarchical community structures in complex networks. <i>Physical Review E</i> , 2015 , 92, 062825	2.4	15
116	DebtRank: A Microscopic Foundation for Shock Propagation. <i>PLoS ONE</i> , 2015 , 10, e0130406	3.7	62
115	Twitter-Based Analysis of the Dynamics of Collective Attention to Political Parties. <i>PLoS ONE</i> , 2015 , 10, e0131184	3.7	19
114	Reconstructing Topological Properties of Complex Networks Using the Fitness Model. <i>Lecture Notes in Computer Science</i> , 2015 , 323-333	0.9	4
113	Credit Default Swaps networks and systemic risk. <i>Scientific Reports</i> , 2014 , 4, 6822	4.9	25
112	Opinion dynamics on interacting networks: media competition and social influence. <i>Scientific Reports</i> , 2014 , 4, 4938	4.9	97
111	Self-healing networks: redundancy and structure. <i>PLoS ONE</i> , 2014 , 9, e87986	3.7	57
110	A multi-level geographical study of Italian political elections from Twitter data. <i>PLoS ONE</i> , 2014 , 9, e95809	3.7	46
109	The rise of China in the International Trade Network: a community core detection approach. <i>PLoS ONE</i> , 2014 , 9, e105496	3.7	26
108	Financial Networks. <i>Understanding Complex Systems</i> , 2014 , 311-321	0.4	1
107	Social Determinants of Content Selection in the Age of (Mis)Information. <i>Lecture Notes in Computer Science</i> , 2014 , 259-268	0.9	22
106	Power Grids, Smart Grids and Complex Networks. <i>NATO Science for Peace and Security Series C: Environmental Security</i> , 2014 , 97-110	0.3	2
105	Low-Temperature Behaviour of Social and Economic Networks. <i>Entropy</i> , 2013 , 15, 3148-3169	2.8	8
104	Bootstrapping Topological Properties and Systemic Risk of Complex Networks Using the Fitness Model. <i>Journal of Statistical Physics</i> , 2013 , 151, 720-734	1.5	66
103	Economic complexity: Conceptual grounding of a new metrics for global competitiveness. <i>Journal of Economic Dynamics and Control</i> , 2013 , 37, 1683-1691	1.3	81
102	Default cascades in complex networks: topology and systemic risk. <i>Scientific Reports</i> , 2013 , 3, 2759	4.9	95
101	Weighted networks as randomly reinforced urn processes. <i>Physical Review E</i> , 2013 , 87, 020106	2.4	9

100	Evolution of controllability in interbank networks. <i>Scientific Reports</i> , 2013 , 3, 1626	4.9	51
99	Measuring the intangibles: a metrics for the economic complexity of countries and products. <i>PLoS ONE</i> , 2013 , 8, e70726	3.7	136
98	Distributed Generation and Resilience in Power Grids. <i>Lecture Notes in Computer Science</i> , 2013 , 71-79	0.9	4
97	Optimal Scales in Weighted Networks. <i>Lecture Notes in Computer Science</i> , 2013 , 346-359	0.9	0
96	An economic and financial exploratory. <i>European Physical Journal: Special Topics</i> , 2012 , 214, 361-400	2.3	16
95	Robustness and assortativity for diffusion-like processes in scale-free networks. <i>Europhysics Letters</i> , 2012 , 97, 68006	1.6	57
94	A new metrics for countries fitness and products complexity. <i>Scientific Reports</i> , 2012 , 2, 723	4.9	218
93	Web search queries can predict stock market volumes. <i>PLoS ONE</i> , 2012 , 7, e40014	3.7	124
92	Using networks to understand medical data: the case of Class III malocclusions. <i>PLoS ONE</i> , 2012 , 7, e44521	3.7	11
91	DebtRank: too central to fail? Financial networks, the FED and systemic risk. <i>Scientific Reports</i> , 2012 , 2, 541	4.9	393
90	A network analysis of countries export flows: firm grounds for the building blocks of the economy. <i>PLoS ONE</i> , 2012 , 7, e47278	3.7	112
89	POPULATION DYNAMICS ON COMPLEX FOOD WEBS. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2011 , 14, 635-647	0.8	2
88	The Structure of Financial Networks 2010 , 131-163		24
87	Topologically biased random walk and community finding in networks. <i>Physical Review E</i> , 2010 , 82, 066109	4.9	37
86	Hypergraph topological quantities for tagged social networks. <i>Physical Review E</i> , 2009 , 80, 036118	2.4	62
85	Random hypergraphs and their applications. <i>Physical Review E</i> , 2009 , 79, 066118	2.4	124
84	Invasion percolation on a tree and queueing models. <i>Physical Review E</i> , 2009 , 79, 041133	2.4	5
83	PageRank equation and localization in the WWW. <i>Europhysics Letters</i> , 2009 , 88, 48002	1.6	16

82	On the rich-club effect in dense and weighted networks. <i>European Physical Journal B</i> , 2009 , 67, 271-275	1.2	40
81	Invasion percolation and the time scaling behavior of a queuing model of human dynamics. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P02046	1.9	5
80	Self-Organization and Complex Networks. <i>Understanding Complex Systems</i> , 2009 , 107-135	0.4	2
79	Quantifying the taxonomic diversity in real species communities. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 224012	2	7
78	Applying weighted network measures to microarray distance matrices. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 224011	2	2
77	Folksonomies and clustering in the collaborative system CiteULike. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 224016	2	16
76	A network analysis of the Italian overnight money market. <i>Journal of Economic Dynamics and Control</i> , 2008 , 32, 259-278	1.3	304
75	A self-organized model for network evolution. <i>European Physical Journal B</i> , 2008 , 64, 585-591	1.2	9
74	Trading strategies in the Italian interbank market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 376, 467-479	3.3	34
73	Self-organized network evolution coupled to extremal dynamics. <i>Nature Physics</i> , 2007 , 3, 813-817	16.2	75
72	Interplay between topology and dynamics in the World Trade Web. <i>European Physical Journal B</i> , 2007 , 57, 159-164	1.2	84
71	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	2	24
70	Ensemble approach to the analysis of weighted networks. <i>Physical Review E</i> , 2007 , 76, 016101	2.4	37
69	Invasion percolation and critical transient in the Barabási model of human dynamics. <i>Physical Review Letters</i> , 2007 , 98, 208701	7.4	35
68	Uncovering the topology of configuration space networks. <i>Physical Review E</i> , 2007 , 76, 026113	2.4	29
67	Large Scale Structure and Dynamics of Complex Networks. <i>Complex Systems and Interdisciplinary Science</i> , 2007 ,		102
66	Scale-Free Networks 2007 ,		568
65	Fitness model for the Italian interbank money market. <i>Physical Review E</i> , 2006 , 74, 066112	2.4	116

64	Preferential attachment in the growth of social networks: the internet encyclopedia Wikipedia. <i>Physical Review E</i> , 2006 , 74, 036116	2.4	176
63	The skeleton of the Shareholders Networks 2006 , 297-301		2
62	The Topology of Shareholding Networks. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2005 , 189-199	0.4	
61	The scale-free topology of market investments. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 350, 491-499	3.3	122
60	Detecting communities in large networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2005 , 352, 669-676	3.3	182
59	Universal scaling in food-web structure? (reply). <i>Nature</i> , 2005 , 435, E4-E4	50.4	3
58	Loops structure of the Internet at the autonomous system level. <i>Physical Review E</i> , 2005 , 71, 066116	2.4	30
57	Emergence of Complexity in Financial Networks. <i>Lecture Notes in Physics</i> , 2004 , 399-423	0.8	29
56	Assortative model for social networks. <i>Physical Review E</i> , 2004 , 70, 037101	2.4	74
55	Vertex intrinsic fitness: how to produce arbitrary scale-free networks. <i>Physical Review E</i> , 2004 , 70, 056126	1.4	84
54	Preferential exchange: strengthening connections in complex networks. <i>Physical Review E</i> , 2004 , 70, 027102	2.4	9
53	Widespread occurrence of the inverse square distribution in social sciences and taxonomy. <i>Physical Review E</i> , 2004 , 69, 035101	2.4	14
52	Structure of cycles and local ordering in complex networks. <i>European Physical Journal B</i> , 2004 , 38, 183-186	1.2	56
51	Virtual Round Table on ten leading questions for network research. <i>European Physical Journal B</i> , 2004 , 38, 143-145	1.2	35
50	Networks of equities in financial markets. <i>European Physical Journal B</i> , 2004 , 38, 363-371	1.2	236
49	Statistical features of drainage basins in mars channel networks. <i>European Physical Journal B</i> , 2004 , 38, 387-391	1.2	11
48	The corporate boards networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 338, 98-106	3.3	34
47	Social network growth with assortative mixing. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 338, 119-124	3.3	36

46	Communities Detection in Large Networks. <i>Lecture Notes in Computer Science</i> , 2004 , 181-187	0.9	19
45	Dynamic fracture model for acoustic emission. <i>European Physical Journal B</i> , 2003 , 36, 203-207	1.2	33
44	Universal scaling relations in food webs. <i>Nature</i> , 2003 , 423, 165-8	50.4	211
43	Quantitative description and modeling of real networks. <i>Physical Review E</i> , 2003 , 68, 047101	2.4	11
42	Topology of correlation-based minimal spanning trees in real and model markets. <i>Physical Review E</i> , 2003 , 68, 046130	2.4	288
41	Probabilistic approach to the Bak-Sneppen model. <i>Physical Review E</i> , 2002 , 65, 046101	2.4	4
40	Local rigidity in sandpile models. <i>Physical Review E</i> , 2002 , 66, 016133	2.4	
39	Scale-free networks from varying vertex intrinsic fitness. <i>Physical Review Letters</i> , 2002 , 89, 258702	7.4	514
38	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	3.3	11
37	Beauty and distance in the stable marriage problem. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001 , 300, 325-331	3.3	29
36	Cold and warm denaturation of proteins. <i>Journal of Biological Physics</i> , 2001 , 27, 229-41	1.6	37
35	Percolation in real wildfires. <i>Europhysics Letters</i> , 2001 , 56, 510-516	1.6	38
34	Fractal growth from local instabilities. <i>Europhysics Letters</i> , 2001 , 54, 187-193	1.6	
33	Cold and warm swelling of hydrophobic polymers. <i>Physical Review E</i> , 2001 , 63, 031802	2.4	32
32	Perturbative approach to the Bak-Sneppen model. <i>Physical Review Letters</i> , 2001 , 86, 1896-9	7.4	12
31	Growing dynamics of Internet providers. <i>Physical Review E</i> , 2001 , 64, 035105	2.4	12
30	Cellular models for river networks. <i>Physical Review E</i> , 2001 , 63, 021118	2.4	13
29	Self-affine properties of fractures in brittle materials. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 280, 161-165	3.3	13

28	The fractal properties of Internet. <i>Europhysics Letters</i> , 2000 , 52, 386-391	1.6	127
27	Roughness of fracture surfaces. <i>Europhysics Letters</i> , 2000 , 52, 304-310	1.6	18
26	Damage and cracking in thin mud layers. <i>Journal of Physics A</i> , 2000 , 33, 8013-8028		4
25	Discretized diffusion processes. <i>Physical Review Letters</i> , 2000 , 85, 4848-51	7.4	10
24	Invasion percolation with temperature and the nature of self-organized criticality in real systems. <i>Physical Review E</i> , 2000 , 62, 7638-41	2.4	16
23	Putting proteins back into water. <i>Physical Review E</i> , 2000 , 62, 8449-52	2.4	60
22	Statistical properties of fractures in damaged materials. <i>Europhysics Letters</i> , 1999 , 45, 13-19	1.6	8
21	Criticality in models for fracture in disordered media. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999 , 270, 15-20	3.3	22
20	Modelling Coevolution in Multispecies Communities. <i>Journal of Theoretical Biology</i> , 1998 , 193, 345-358	2.3	167
19	Mean field theory for ordinary and hot sandpiles. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998 , 252, 295-307	3.3	9
18	Theory of boundary effects in invasion percolation. <i>Journal of Physics A</i> , 1998 , 31, 7429-7446		4
17	Stationary self-organized fractal structures in an open, dissipative electrical system. <i>Journal of Physics A</i> , 1998 , 31, L337-L343		17
16	Dynamics of fractures in quenched disordered media. <i>Physical Review E</i> , 1998 , 57, 3878-3885	2.4	13
15	A prototype model of stock exchange. <i>Europhysics Letters</i> , 1997 , 40, 479-484	1.6	116
14	Surface effects in invasion percolation. <i>Physical Review E</i> , 1997 , 56, R1291-R1294	2.4	6
13	Randomly pinned landscape evolution. <i>Physical Review E</i> , 1997 , 55, R4865-R4868	2.4	27
12	Scaling in currency exchange. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997 , 245, 423-436	3.3	84
11	Hot sandpiles. <i>Europhysics Letters</i> , 1996 , 35, 481-486	1.6	12

10	Self-Organization and Annealed Disorder in Fracturing Process. <i>Physical Review Letters</i> , 1996 , 77, 2503-2506	2.4	64
9	Branching Processes and Evolution at the Ends of a Food Chain. <i>Physical Review Letters</i> , 1996 , 76, 4983-4986	2.4	8
8	Optimal path and directed percolation. <i>Physical Review E</i> , 1996 , 53, R2029-R2032	2.4	5
7	Quenched disorder, memory, and self-organization. <i>Physical Review E</i> , 1996 , 53, R13-R16	2.4	186
6	Fixed scale transformation for fracture growth processes governed by vectorial fields. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1995 , 215, 223-232	3.3	1
5	Self-organized critical scaling at surfaces. <i>Physical Review E</i> , 1995 , 52, 72-75	2.4	16
4	FIXED SCALE TRANSFORMATION APPROACH FOR BORN MODEL OF FRACTURES. <i>Fractals</i> , 1995 , 03, 829-837	3.2	
3	Fractal and topological properties of directed fractures. <i>Physical Review E</i> , 1994 , 49, 2673-2679	2.4	20
2	SARS-COV-2 comorbidity network and outcome in hospitalized patients in Crema, Italy		19
1	Systemic liquidity contagion in the European interbank market. <i>Journal of Economic Interaction and Coordination</i> , ¹	1.1	1