Harry Eugene Stanley

List of Publications by Year
in descending order

663	94,819	334 137	326 287
papers	citations	h-index	g-index

696	696	696	43492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Measuring the systemic risk in indirect financial networks. European Journal of Finance, 2022, 28, 1053-1098.	1.7	9
2	Short-run disequilibrium adjustment and long-run equilibrium in the international stock markets: A network-based approach. International Review of Financial Analysis, 2022, 79, 102002.	3.1	2
3	Three-state majority-vote model on small-world networks. Scientific Reports, 2022, 12, 282.	1.6	12
4	Decompression dynamics of high density amorphous ice above and below the liquid-liquid critical point. Journal of Non-Crystalline Solids: X, 2022, 13, 100081.	0.5	4
5	FLUCTUATIONS, NOISE AND SCALING IN THE CARDIO-PULMONARY SYSTEM. , 2022, , 269-293.		0
6	Percolation behaviors of finite components on complex networks. New Journal of Physics, 2022, 24, 043027.	1.2	4
7	Impacts of Export Restrictions on the Global Personal Protective Equipment Trade Network During COVIDâ€19. Advanced Theory and Simulations, 2022, 5, 2100352.	1.3	2
8	A New Look at Calendar Anomalies: Multifractality and Day-of-the-Week Effect. Entropy, 2022, 24, 562.	1.1	2
9	Three Risky Decades: A Time for Econophysics?. Entropy, 2022, 24, 627.	1.1	2
10	Network resilience. Physics Reports, 2022, 971, 1-108.	10.3	51
11	A Matrix Factorization Model for Hellinger-Based Trust Management in Social Internet of Things. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2274-2285.	3.7	8
12	Tracking Performance Limitations of Networked Control Systems With Repeated Zeros and Poles. IEEE Transactions on Automatic Control, 2021, 66, 1902-1909.	3.6	18
13	Multilayer information spillover networks: measuring interconnectedness of financial institutions. Quantitative Finance, 2021, 21, 1163-1185.	0.9	42
14	Assessing the Attraction of Cities on Venture Capital From a Scaling Law Perspective. IEEE Access, 2021, 9, 48052-48063.	2.6	12
15	A Spatio-Temporal Co-Clustering Framework for Discovering Mobility Patterns: A Study of Manhattan Taxi Data. IEEE Access, 2021, 9, 34338-34351.	2.6	7
16	A Novel Causal Riskâ€Based Decisionâ€Making Methodology: The Case of Coronavirus. Risk Analysis, 2021, 41, 814-830.	1.5	4
17	Diffusion interactions between crossing fibers of the brain. Magnetic Resonance in Medicine, 2021, 86, 429-441.	1.9	0
18	Percolation on coupled networks with multiple effective dependency links. Chaos, 2021, 31, 033152.	1.0	7

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19	Optimal resilience of modular interacting networks. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	41
20	Multilayer financial networks and systemic importance: Evidence from China. International Review of Financial Analysis, 2021, 78, 101882.	3.1	29
21	Gravity model in dockless bike-sharing systems within cities. Physical Review E, 2021, 103, 012312.	0.8	15
22	A quantification method of non-failure cascading spreading in a network of networks. Chaos, 2021, 31, 123122.	1.0	2
23	Manifesto for a post-pandemic modeling. Physica A: Statistical Mechanics and Its Applications, 2020, 559, 125086.	1.2	5
24	Multiple metastable network states in urban traffic. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17528-17534.	3.3	36
25	Freedom of choice adds value to public goods. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 17516-17521.	3.3	17
26	Experimental tests for a liquid-liquid critical point in water. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	11
27	Nonlinear model of cascade failure in weighted complex networks considering overloaded edges. Scientific Reports, 2020, 10, 13428.	1.6	13
28	Realistic modelling of information spread using peer-to-peer diffusion patterns. Nature Human Behaviour, 2020, 4, 1198-1207.	6.2	18
29	Three-State Majority-vote Model on Scale-Free Networks and the Unitary Relation for Critical Exponents. Scientific Reports, 2020, 10, 8255.	1.6	14
30	Unveiling the Physics of the Mutual Interactions in Paramagnets. Scientific Reports, 2020, 10, 7981.	1.6	5
31	Power-law distribution of degreeâ€“degree distance: A better representation of the scale-free property of complex networks. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14812-14818.	3.3	32
32	An Integrated Approach for Assessing the Impact of Largeâ€Scale Future Floods on a Highway Transport System. Risk Analysis, 2020, 40, 1780-1794.	1.5	14
33	Asymmetric interdependent networks with multiple-dependence relation. Physical Review E, 2020, 101, 022314.	0.8	14
34	Unveiling causal interactions in complex systems. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7599-7605.	3.3	25
35	Universal patterns in passenger flight departure delays. Scientific Reports, 2020, 10, 6890.	1.6	13
36	History-dependent percolation on multiplex networks. National Science Review, 2020, 7, 1296-1305.	4.6	13

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37	Measuring social response to different journalistic techniques on Facebook. Humanities and Social Sciences Communications, 2020, 7, .	1.3	2
38	Control of mobile chaotic agents with jump-based connection adaption strategy. New Journal of Physics, 2020, 22, 073032.	1.2	3
39	Repulsive synchronization in complex networks. Chaos, 2019, 29, 053130.	1.0	8
40	Enhanced GrÃ¼neisen Parameter in Supercooled Water. Scientific Reports, 2019, 9, 12006.	1.6	13
41	Dynamic behavior analysis of an internet flow interaction model under cascading failures. Physical Review E, 2019, 100, 022309.	0.8	9
42	Increasing trend of scientists to switch between topics. Nature Communications, 2019, 10, 3439.	5.8	75
43	Robustness on interdependent networks with a multiple-to-multiple dependent relationship. Chaos, 2019, 29, 073107.	1.0	18
44	Waterâ€™s two-critical-point scenario in the Ising paradigm. Journal of Chemical Physics, 2019, 150, 244509.	1.2	19
45	Universal behavior of cascading failures in interdependent networks. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22452-22457.	3.3	68
46	NON-POISSON DONATION BEHAVIORS IN VIRTUAL WORLDS. Fractals, 2019, 27, 1950061.	1.8	7
47	Propinquity drives the emergence of network structure and density. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20360-20365.	3.3	6
48	Ultrafast synchronization via local observation. New Journal of Physics, 2019, 21, 013040.	1.2	4
49	Universal fluctuations in growth dynamics of economic systems. Scientific Reports, 2019, 9, 713.	1.6	2
50	Hydrophilic and hydrophobic competition in water-methanol solutions. Science China: Physics, Mechanics and Astronomy, 2019, 62, 1.	2.0	8
51	Extreme risk induced by communities in interdependent networks. Communications Physics, 2019, 2, .	2.0	8
52	Hidden interactions in financial markets. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10646-10651.	3.3	58
53	Local floods induce large-scale abrupt failures of road networks. Nature Communications, 2019, 10, 2114.	5.8	69
54	Scale-free resilience of real traffic jams. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8673-8678.	3.3	92

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55	Communities and regularities in the behavior of investment fund managers. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6569-6574.	3.3	14
56	Revisiting the weak-form efficiency of the EUR/CHF exchange rate market: Evidence from episodes of different Swiss franc regimes. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 734-746.	1.2	26
57	Localized attack on networks with clustering. New Journal of Physics, 2019, 21, 013014.	1.2	10
58	Identifying the peak point of systemic risk in international crude oil importing trade. Energy, 2019, 176, 281-291.	4.5	23
59	Critical transitions in heterogeneous networks: Loss of low-degree nodes as an early warning signal. Physical Review E, 2019, 99, 040301.	0.8	6
60	Spatial reciprocity in the evolution of cooperation. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190041.	1.2	46
61	Robustness of partially interdependent networks under combined attack. Chaos, 2019, 29, 021101.	1.0	20
62	Structural and functional robustness of networked critical infrastructure systems under different failure scenarios. Physica A: Statistical Mechanics and Its Applications, 2019, 523, 476-487.	1.2	14
63	P-Tensor Product in Compressed Sensing. IEEE Internet of Things Journal, 2019, 6, 3492-3511.	5.5	15
64	Switch between critical percolation modes in city traffic dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23-28.	3.3	100
65	Multiple phase transitions in networks of directed networks. Physical Review E, 2019, 99, 012312.	0.8	19
66	Multiple-scale perturbation method on integro-differential equations: Application to continuous-time quantum walks on regular networks in non-Markovian reservoirs. Physical Review Research, 2019, 1, .	1.3	3
67	Effects of time-delays in the dynamics of social contagions. New Journal of Physics, 2018, 20, 013034.	1.2	19
68	The impact of margin trading on share price evolution: A cascading failure model investigation. Physica A: Statistical Mechanics and Its Applications, 2018, 505, 69-76.	1.2	12
69	Exact results of the limited penetrable horizontal visibility graph associated to random time series and its application. Scientific Reports, 2018, 8, 5130.	1.6	22
70	Theq-dependent detrended cross-correlation analysis of stock market. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 023402.	0.9	28
71	Dual-induced multifractality in online viewing activity. Chaos, 2018, 28, 013114.	1.0	4
72	Flexibility of thought in high creative individuals represented by percolation analysis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 867-872.	3.3	125

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73	Multiscale multifractal DCCA and complexity behaviors of return intervals for Potts price model. Physica A: Statistical Mechanics and Its Applications, 2018, 492, 889-902.	1.2	20
74	Punishment diminishes the benefits of network reciprocity in social dilemma experiments. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 30-35.	3.3	213
75	Ising-like Models with Energy-Volume Coupling. Physical Review Letters, 2018, 120, 120603.	2.9	6
76	Enabling Controlling Complex Networks with Local Topological Information. Scientific Reports, 2018, 8, 4593.	1.6	19
77	Correlation Structure and Evolution of World Stock Markets: Evidence from Pearson and Partial Correlation-Based Networks. Computational Economics, 2018, 51, 607-635.	1.5	150
78	Geometric Navigation of Axons in a Cerebral Pathway: Comparing dMRI with Tract Tracing and Immunohistochemistry. Cerebral Cortex, 2018, 28, 1219-1232.	1.6	20
79	Short term prediction of extreme returns based on the recurrence interval analysis. Quantitative Finance, 2018, 18, 353-370.	0.9	18
80	Interconnectedness and systemic risk of China's financial institutions. Emerging Markets Review, 2018, 35, 1-18.	2.2	154
81	Social contagions with communication channel alternation on multiplex networks. Physical Review E, 2018, 98, .	0.8	30
82	Forecasting innovations in science, technology, and education. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12573-12581.	3.3	25
83	Extracting h-Backbone as a Core Structure in Weighted Networks. Scientific Reports, 2018, 8, 14356.	1.6	10
84	Statistical mechanics of a coevolving spin system. Physical Review E, 2018, 98, .	0.8	8
85	A multiple perspective method for urban subway network robustness analysis. AIP Advances, 2018, 8, .	0.6	2
86	A methodological framework for vulnerability analysis of interdependent infrastructure systems under deliberate attacks. Chaos, Solitons and Fractals, 2018, 117, 21-29.	2.5	17
87	Information Feedback in Temporal Networks as a Predictor of Market Crashes. Complexity, 2018, 2018, 1-13.	0.9	18
88	Topological properties of the limited penetrable horizontal visibility graph family. Physical Review E, 2018, 97, 052117.	0.8	11
89	Optimal community structure for social contagions. New Journal of Physics, 2018, 20, 053053.	1.2	12
90	Power iteration ranking via hybrid diffusion for vital nodes identification. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 802-815.	1.2	6

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91	Stock market as temporal network. Physica A: Statistical Mechanics and Its Applications, 2018, 506, 1104-1112.	1.2	56
92	Scaling properties of extreme price fluctuations in Bitcoin markets. Physica A: Statistical Mechanics and Its Applications, 2018, 510, 400-406.	1.2	90
93	Degree distributions and motif profiles of limited penetrable horizontal visibility graphs. Physica A: Statistical Mechanics and Its Applications, 2018, 509, 620-634.	1.2	10
94	Local structure can identify and quantify influential global spreaders in large scale social networks. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7468-7472.	3.3	64
95	Analysis of fluctuations in the first return times of random walks on regular branched networks. Journal of Chemical Physics, 2018, 149, 024903.	1.2	10
96	An approach for cascading effects within critical infrastructure systems. Physica A: Statistical Mechanics and Its Applications, 2018, 510, 164-177.	1.2	42
97	Control energy of complex networks towards distinct mixture states. Scientific Reports, 2018, 8, 10866.	1.6	8
98	Dynamics of social contagions with local trend imitation. Scientific Reports, 2018, 8, 7335.	1.6	16
99	Optimal resource diffusion for suppressing disease spreading in multiplex networks. Journal of Statistical Mechanics: Theory and Experiment, 2018, 2018, 053501.	0.9	61
100	Strategy for stopping failure cascades in interdependent networks. Physica A: Statistical Mechanics and Its Applications, 2018, 508, 577-583.	1.2	35
101	Effect of Strong Opinions on the Dynamics of the Majority-Vote Model. Scientific Reports, 2018, 8, 8709.	1.6	26
102	Resilience of networks with community structure behaves as if under an external field. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6911-6915.	3.3	82
103	Contrasting microscopic interactions determine the properties of water/methanol solutions. Frontiers of Physics, 2018, 13, 1.	2.4	10
104	Emergence of communities and diversity in social networks. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2887-2891.	3.3	40
105	Modeling confirmation bias and polarization. Scientific Reports, 2017, 7, 40391.	1.6	126
106	A generalization of random matrix theory and its application to statistical physics. Chaos, 2017, 27, 023104.	1.0	2
107	Unification of theoretical approaches for epidemic spreading on complex networks. Reports on Progress in Physics, 2017, 80, 036603.	8.1	244
108	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

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109	How Fear of Future Outcomes Affects Social Dynamics. Journal of Statistical Physics, 2017, 167, 1007-1019.	0.5	6
110	Unveiling Molecular Changes in Water by Small Luminescent Nanoparticles. Small, 2017, 13, 1700968.	5.2	20
111	Social contagions on interdependent lattice networks. Scientific Reports, 2017, 7, 44669.	1.6	19
112	The co-evolution of networks and prisonerâ€™s dilemma game by considering sensitivity and visibility. Scientific Reports, 2017, 7, 45237.	1.6	20
113	Model of brain activation predicts the neural collective influence map of the brain. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3849-3854.	3.3	53
114	Extreme risk spillover network: application to financial institutions. Quantitative Finance, 2017, 17, 1417-1433.	0.9	175
115	Eradicating catastrophic collapse in interdependent networks via reinforced nodes. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3311-3315.	3.3	97
116	Biological conservation law as an emerging functionality in dynamical neuronal networks. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11826-11831.	3.3	10
117	The science of science: From the perspective of complex systems. Physics Reports, 2017, 714-715, 1-73.	10.3	234
118	Generalized model for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>k</mml:mi></mml:math> -core percolation and interdependent networks. Physical Review E, 2017, 96, 032317.	0.8	16
119	MULTIFRACTAL CROSS WAVELET ANALYSIS. Fractals, 2017, 25, 1750054.	1.8	57
120	Analysis and evaluation of the entropy indices of a static network structure. Scientific Reports, 2017, 7, 9340.	1.6	33
121	Emergence of hysteresis loop in social contagions on complex networks. Scientific Reports, 2017, 7, 6103.	1.6	10
122	Simple spatial scaling rules behind complex cities. Nature Communications, 2017, 8, 1841.	5.8	137
123	Controllability of giant connected components in a directed network. Physical Review E, 2017, 95, 042318.	0.8	24
124	Supercooled water reveals its secrets. Science, 2017, 358, 1543-1544.	6.0	67
125	Comparative Analysis and Classification of Cassette Exons and Constitutive Exons. BioMed Research International, 2017, 2017, 1-8.	0.9	14
126	Confidence and self-attribution bias in an artificial stock market. PLoS ONE, 2017, 12, e0172258.	1.1	5

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127	Structural Interpretation of the Large Slowdown of Water Dynamics at Stacked Phospholipid Membranes for Decreasing Hydration Level: All-Atom Molecular Dynamics. Materials, 2016, 9, 319.	1.3	23
128	Community Analysis of Global Financial Markets. Risks, 2016, 4, 13.	1.3	22
129	Water: A Tale of Two Liquids. Chemical Reviews, 2016, 116, 7463-7500.	23.0	627
130	Some Considerations on Confined Water: The Thermal Behavior of Transport Properties in Water-Glycerol and Water-Methanol Mixtures. MRS Advances, 2016, 1, 1891-1902.	0.5	2
131	Multiple tipping points and optimal repairing in interacting networks. Nature Communications, 2016, 7, 10850.	5.8	79
132	The phase behavior study of human antibody solution using multi-scale modeling. Journal of Chemical Physics, 2016, 145, 194901.	1.2	14
133	Estimating Tipping Points in Feedback-Driven Financial Networks. IEEE Journal on Selected Topics in Signal Processing, 2016, 10, 1040-1052.	7.3	14
134	NMR spectroscopy study of local correlations in water. Journal of Chemical Physics, 2016, 145, 214503.	1.2	9
135	Some considerations on the transport properties of water-glycerol suspensions. Journal of Chemical Physics, 2016, 144, 014501.	1.2	7
136	Dynamical properties of water-methanol solutions. Journal of Chemical Physics, 2016, 144, 064506.	1.2	31
137	Suppressing disease spreading by using information diffusion on multiplex networks. Scientific Reports, 2016, 6, 29259.	1.6	118
138	A statistical physics implementation of Coase×³s theory of the firm. Research in Economics, 2016, 70, 536-557.	0.4	7
139	Universality of market superstatistics. Physical Review E, 2016, 94, 042305.	0.8	27
140	Extreme risk spillover effects in world gold markets and the global financial crisis. International Review of Economics and Finance, 2016, 46, 55-77.	2.2	63
141	Locating the source of diffusion in complex networks by time-reversal backward spreading. Physical Review E, 2016, 93, 032301.	0.8	81
142	Multiscale multifractal detrended-fluctuation analysis of two-dimensional surfaces. Physical Review E, 2016, 93, 042213.	0.8	42
143	Percolation of networks with directed dependency links. Physical Review E, 2016, 93, 042312.	0.8	8
144	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>k</mml:mi></mml:math>-core percolation on complex networks: Comparing random, localized, and targeted attacks. Physical Review E, 2016, 93, 062302.	0.8	51

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145	Predicting the epidemic threshold of the susceptible-infected-recovered model. Scientific Reports, 2016, 6, 24676.	1.6	41
146	Skill complementarity enhances heterophily in collaboration networks. Scientific Reports, 2016, 6, 18727.	1.6	71
147	Robustness of assembly supply chain networks by considering risk propagation and cascading failure. Physica A: Statistical Mechanics and Its Applications, 2016, 459, 129-139.	1.2	43
148	Early warning of large volatilities based on recurrence interval analysis in Chinese stock markets. Quantitative Finance, 2016, 16, 1713-1724.	0.9	14
149	Breakdown of interdependent directed networks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1138-1143.	3.3	120
150	The H-index of a network node and its relation to degree and coreness. Nature Communications, 2016, 7, 10168.	5.8	447
151	Energy landscape in protein folding and unfolding. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3159-3163.	3.3	98
152	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
153	Complex interdependent supply chain networks: Cascading failure and robustness. Physica A: Statistical Mechanics and Its Applications, 2016, 443, 58-69.	1.2	125
154	Detrended partial cross-correlation analysis of two nonstationary time series influenced by common external forces. Physical Review E, 2015, 91, 062816.	0.8	178
155	How breadth of degree distribution influences network robustness: Comparing localized and random attacks. Physical Review E, 2015, 92, 032122.	0.8	62
156	Predicting the Lifetime of Dynamic Networks Experiencing Persistent Random Attacks. Scientific Reports, 2015, 5, 14286.	1.6	17
157	Optimization of crystal nucleation close to a metastable fluid-fluid phase transition. Scientific Reports, 2015, 5, 11260.	1.6	21
158	Diffusivity and short-time dynamics in two models of silica. Journal of Chemical Physics, 2015, 142, 104506.	1.2	18
159	Dynamical changes in hydration water accompanying lysozyme thermal denaturation. Frontiers of Physics, 2015, 10, 1.	2.4	9
160	Water and lysozyme: Some results from the bending and stretching vibrational modes. Frontiers of Physics, 2015, 10, 1.	2.4	4
161	Competing for Attention in Social Media under Information Overload Conditions. PLoS ONE, 2015, 10, e0126090.	1.1	78
162	Does the Wage Gap between Private and Public Sectors Encourage Political Corruption?. PLoS ONE, 2015, 10, e0141211.	1.1	3

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163	Topological analyses in APP/PS1 mice reveal that astrocytes do not migrate to amyloid-Î² plaques. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15556-15561.	3.3	39
164	The cost of attack in competing networks. Journal of the Royal Society Interface, 2015, 12, 20150770.	1.5	39
165	Percolation transition in dynamical traffic network with evolving critical bottlenecks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 669-672.	3.3	349
166	Lack of exercise leads to significant and reversible loss of scale invariance in both aged and young mice. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2320-2324.	3.3	49
167	The cascading vulnerability of the directed and weighted network. Physica A: Statistical Mechanics and Its Applications, 2015, 427, 302-325.	1.2	25
168	Multifractal analysis of managed and independent float exchange rates. Physica A: Statistical Mechanics and Its Applications, 2015, 428, 13-18.	1.2	42
169	Toward link predictability of complex networks. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2325-2330.	3.3	315
170	Multifractal properties of price change and volume change of stock market indices. Physica A: Statistical Mechanics and Its Applications, 2015, 428, 46-51.	1.2	60
171	Physics of the Jagla model as the liquid-liquid coexistence line slope varies. Journal of Chemical Physics, 2015, 142, 224501.	1.2	19
172	Dynamical macroprudential stress testing using network theory. Journal of Banking and Finance, 2015, 59, 164-181.	1.4	67
173	Emergence of statistically validated financial intraday lead-lag relationships. Quantitative Finance, 2015, 15, 1375-1386.	0.9	61
174	Percolation of localized attack on complex networks. New Journal of Physics, 2015, 17, 023049.	1.2	135
175	Percolation of interdependent network of networks. Chaos, Solitons and Fractals, 2015, 72, 4-19.	2.5	65
176	Partial correlation analysis: applications for financial markets. Quantitative Finance, 2015, 15, 569-578.	0.9	123
177	Correlation between centrality metrics and their application to the opinion model. European Physical Journal B, 2015, 88, 1.	0.6	87
178	Some thermodynamical aspects of protein hydration water. Journal of Chemical Physics, 2015, 142, 215103.	1.2	22
179	Applying temporal network analysis to the venture capital market. European Physical Journal B, 2015, 88, 1.	0.6	8
180	Dynamically rich, yet parameter-sparse models for spatial epidemiology. Physics of Life Reviews, 2015, 15, 43-46.	1.5	6

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181	Sector dominance ratio analysis of financial markets. Physica A: Statistical Mechanics and Its Applications, 2015, 421, 488-509.	1.2	25
182	Interaction between Fiscal and Monetary Policy in a Dynamic Nonlinear Model. PLoS ONE, 2015, 10, e0118917.	1.1	5
183	Quantifying Stock Return Distributions in Financial Markets. PLoS ONE, 2015, 10, e0135600.	1.1	35
184	Confidence and the Stock Market: An Agent-Based Approach. PLoS ONE, 2014, 9, e83488.	1.1	44
185	Realized Volatility and Absolute Return Volatility: A Comparison Indicating Market Risk. PLoS ONE, 2014, 9, e102940.	1.1	30
186	When a Text Is Translated Does the Complexity of Its Vocabulary Change? Translations and Target Readerships. PLoS ONE, 2014, 9, e110213.	1.1	11
187	Network of Interdependent Networks: Overview of Theory and Applications. Understanding Complex Systems, 2014, , 3-36.	0.3	33
188	Search for a liquid-liquid critical point in models of silica. Journal of Chemical Physics, 2014, 140, 224502.	1.2	61
189	Capital death in the world market. Physical Review E, 2014, 89, 032805.	0.8	8
190	Robustness of a partially interdependent network formed of clustered networks. Physical Review E, 2014, 89, 032812.	0.8	71
191	Emergence of dynamical complexity related to human heart rate variability. Physical Review E, 2014, 90, 062806.	0.8	10
192	Nonconsensus opinion model on directed networks. Physical Review E, 2014, 90, 052811.	0.8	14
193	Behavior of the Widom Line in Critical Phenomena. Physical Review Letters, 2014, 112, 135701.	2.9	51
194	Spontaneous recovery in dynamical networks. Nature Physics, 2014, 10, 34-38.	6.5	251
195	The influence of water on protein properties. Journal of Chemical Physics, 2014, 141, 165104.	1.2	42
196	Quantifying the semantics of search behavior before stock market moves. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11600-11605.	3.3	144
197	Thermodynamic properties of bulk and confined water. Journal of Chemical Physics, 2014, 141, 18C504.	1.2	35
198	Reputation and impact in academic careers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15316-15321.	3.3	222

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199	Analysis of percolation behaviors of clustered networks with partial supportâ€“dependence relations. Physica A: Statistical Mechanics and Its Applications, 2014, 394, 370-378.	1.2	25
200	Anomalous diffusion and multifractality enhance mating encounters in the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2206-2211.	3.3	60
201	Systemic risk and spatiotemporal dynamics of the US housing market. Scientific Reports, 2014, 4, 3655.	1.6	77
202	Statistical physics approach to quantifying differences in myelinated nerve fibers. Scientific Reports, 2014, 4, 4511.	1.6	9
203	Anticipating Stock Market Movements with Google and Wikipedia. NATO Science for Peace and Security Series C: Environmental Security, 2014, , 47-59.	0.1	5
204	Discovering Social Events through Online Attention. PLoS ONE, 2014, 9, e102001.	1.1	8
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