

Aaron Clauset

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4085684/publications.pdf>

Version: 2024-02-01

67
papers

21,397
citations

108046

37
h-index

111975

67
g-index

99
all docs

99
docs citations

99
times ranked

25669
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fine Art of Scientific Advocacy: A Tribute to Tom Lovejoy. <i>Science Advances</i> , 2022, 8, eabn9704.	4.7	0
2	The unequal impact of parenthood in academia. <i>Science Advances</i> , 2021, 7, .	4.7	115
3	Denoising large-scale biological data using network filters. <i>BMC Bioinformatics</i> , 2021, 22, 157.	1.2	3
4	Decoding the dynamic tumor microenvironment. <i>Science Advances</i> , 2021, 7, .	4.7	5
5	Fairness in Networks. , 2021, , .		2
6	Examining the consumption of radical content on YouTube. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	56
7	The dynamics of faculty hiring networks. <i>EPJ Data Science</i> , 2021, 10, .	1.5	8
8	In Science Journals. <i>Science</i> , 2021, 374, 950-953.	6.0	0
9	Evaluating Overfit and Underfit in Models of Network Community Structure. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2020, 32, 1722-1735.	4.0	57
10	Stacking models for nearly optimal link prediction in complex networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23393-23400.	3.3	74
11	The Capacity of the Ovarian Cancer Tumor Microenvironment to Integrate Inflammation Signaling Conveys a Shorter Disease-free Interval. <i>Clinical Cancer Research</i> , 2020, 26, 6362-6373.	3.2	32
12	On the Frequency and Severity of Interstate Wars. <i>Pioneers in Arts, Humanities, Science, Engineering, Practice</i> , 2020, , 113-127.	0.1	8
13	Productivity, prominence, and the effects of academic environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10729-10733.	3.3	116
14	Scale-free networks are rare. <i>Nature Communications</i> , 2019, 10, 1017.	5.8	632
15	Trends and fluctuations in the severity of interstate wars. <i>Science Advances</i> , 2018, 4, eaao3580.	4.7	38
16	Prestige drives epistemic inequality in the diffusion of scientific ideas. <i>EPJ Data Science</i> , 2018, 7, .	1.5	48
17	Automatically assembling a full census of an academic field. <i>PLoS ONE</i> , 2018, 13, e0202223.	1.1	5
18	Data-driven predictions in the science of science. <i>Science</i> , 2017, 355, 477-480.	6.0	142

#	ARTICLE	IF	CITATIONS
19	The ground truth about metadata and community detection in networks. <i>Science Advances</i> , 2017, 3, e1602548.	4.7	307
20	Eigenvector-Based Centrality Measures for Temporal Networks. <i>Multiscale Modeling and Simulation</i> , 2017, 15, 537-574.	0.6	120
21	A communal catalogue reveals Earth's multiscale microbial diversity. <i>Nature</i> , 2017, 551, 457-463.	13.7	1,942
22	The misleading narrative of the canonical faculty productivity trajectory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9216-E9223.	3.3	77
23	Using null models to infer microbial co-occurrence networks. <i>PLoS ONE</i> , 2017, 12, e0176751.	1.1	67
24	Structure and inference in annotated networks. <i>Nature Communications</i> , 2016, 7, 11863.	5.8	227
25	Detectability Thresholds and Optimal Algorithms for Community Structure in Dynamic Networks. <i>Physical Review X</i> , 2016, 6, .	2.8	51
26	Gender, Productivity, and Prestige in Computer Science Faculty Hiring Networks. , 2016, , .		49
27	Synthesis aided design: The biological designâ€buildâ€test engineering paradigm?. <i>Biotechnology and Bioengineering</i> , 2016, 113, 7-10.	1.7	9
28	Assembling thefacebook. , 2015, , .		15
29	Systematic inequality and hierarchy in faculty hiring networks. <i>Science Advances</i> , 2015, 1, e1400005.	4.7	365
30	Predicting Sports Scoring Dynamics with Restoration and Anti-Persistence. , 2015, , .		4
31	Learning latent block structure in weighted networks. <i>Journal of Complex Networks</i> , 2015, 3, 221-248.	1.1	184
32	Ape parasite origins of human malaria virulence genes. <i>Nature Communications</i> , 2015, 6, 8368.	5.8	41
33	Forecasting the Risk of Extreme Massacres in Syria. <i>ERIS â€“ European Review of International Studies</i> , 2014, 1, 50-68.	0.4	14
34	Efficiently inferring community structure in bipartite networks. <i>Physical Review E</i> , 2014, 90, 012805.	0.8	142
35	Body mass evolution and diversification within horses (family Equidae). <i>Ecology Letters</i> , 2014, 17, 211-220.	3.0	29
36	Power-law distributions in binned empirical data. <i>Annals of Applied Statistics</i> , 2014, 8, .	0.5	181

#	ARTICLE	IF	CITATIONS
37	Scoring dynamics across professional team sports: tempo, balance and predictability. EPJ Data Science, 2014, 3, .	1.5	42
38	Exploring community structure in biological networks with random graphs. BMC Bioinformatics, 2014, 15, 220.	1.2	64
39	Friends FTW! friendship and competition in halo. , 2013, , .		25
40	A Network Approach to Analyzing Highly Recombinant Malaria Parasite Genes. PLoS Computational Biology, 2013, 9, e1003268.	1.5	73
41	Transformation of social networks in the late pre-Hispanic US Southwest. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5785-5790.	3.3	175
42	Estimating the historical and future probabilities of large terrorist events. Annals of Applied Statistics, 2013, 7, .	0.5	57
43	Rejoinder of "Estimating the historical and future probabilities of large terrorist events" by Aaron Clauset and Ryan Woodard. Annals of Applied Statistics, 2013, 7, .	0.5	5
44	Environmental structure and competitive scoring advantages in team competitions. Scientific Reports, 2013, 3, 3067.	1.6	9
45	How Large Should Whales Be?. PLoS ONE, 2013, 8, e53967.	1.1	29
46	Die Blutspur des Vetos: Eine Prognose zur Gefahr von extremen Massakern in Syrien. Zeitschrift für Friedens- Und Konfliktforschung, 2013, 2, 6-31.	0.5	1
47	The Developmental Dynamics of Terrorist Organizations. PLoS ONE, 2012, 7, e48633.	1.1	59
48	A Generalized Aggregation-Disintegration Model for the Frequency of Severe Terrorist Attacks. Journal of Conflict Resolution, 2010, 54, 179-197.	1.1	35
49	A Novel Explanation of the Power-Law Form of the Frequency of Severe Terrorist Events: Reply to Saperstein. Peace Economics, Peace Science and Public Policy, 2010, 16, .	0.3	9
50	Performance of modularity maximization in practical contexts. Physical Review E, 2010, 81, 046106.	0.8	698
51	Reply to adams: Multi-dimensional edge inference. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, .	3.3	5
52	On the bias of traceroute sampling. Journal of the ACM, 2009, 56, 1-28.	1.8	51
53	Power-Law Distributions in Empirical Data. SIAM Review, 2009, 51, 661-703.	4.2	6,595
54	How Many Species Have Mass $<i>M</i>?</math>. American Naturalist, 2009, 173, 256-263.$	1.0	18

#	ARTICLE	IF	CITATIONS
55	Methodologies for Continuous Cellular Tower Data Analysis. Lecture Notes in Computer Science, 2009, , 342-353.	1.0	12
56	Controlling across complex networks â€“ Emerging links between networks and control. Annual Reviews in Control, 2008, 32, 183-192.	4.4	6
57	Hierarchical structure and the prediction of missing links in networks. Nature, 2008, 453, 98-101.	13.7	1,674
58	The Evolution and Distribution of Species Body Size. Science, 2008, 321, 399-401.	6.0	147
59	On the Frequency of Severe Terrorist Events. Journal of Conflict Resolution, 2007, 51, 58-87.	1.1	287
60	Scale invariance in road networks. Physical Review E, 2006, 73, 026130.	0.8	119
61	Structural Inference of Hierarchies in Networks. , 2006, , 1-13.		66
62	Molecular modeling of mono- and bis-quaternary ammonium salts as ligands at the $\alpha 4\beta 2$ nicotinic acetylcholine receptor subtype using nonlinear techniques. AAPS Journal, 2005, 7, E678-E685.	2.2	10
63	On the bias of traceroute sampling. , 2005, , .		106
64	Finding local community structure in networks. Physical Review E, 2005, 72, 026132.	0.8	609
65	Accuracy and Scaling Phenomena in Internet Mapping. Physical Review Letters, 2005, 94, 018701.	2.9	80
66	Supervised Self-Organizing Maps in Drug Discovery. 1. Robust Behavior with Overdetermined Data Sets. Journal of Chemical Information and Modeling, 2005, 45, 1749-1758.	2.5	34
67	Finding community structure in very large networks. Physical Review E, 2004, 70, 066111.	0.8	5,083