

Christopher M Danforth

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,805
citations

304602

22
h-index

206029

48
g-index

56
all docs

56
docs citations

56
times ranked

2847
citing authors

#	ARTICLE	IF	CITATIONS
1	Sentiment and structure in word co-occurrence networks on Twitter. <i>Applied Network Science</i> , 2022, 7, .	0.8	7
2	Doomscrolling during COVID-19: The negative association between daily social and traditional media consumption and mental health symptoms during the COVID-19 pandemic.. <i>Psychological Trauma: Theory, Research, Practice, and Policy</i> , 2022, 14, 1338-1346.	1.4	40
3	Quantifying Changes in the Language Used Around Mental Health on Twitter Over 10 Years: Observational Study. <i>JMIR Mental Health</i> , 2022, 9, e33685.	1.7	5
4	Ecological and Coevolutionary Dynamics in Modern Markets Yield Nonstationarity in Market Efficiencies. <i>Complexity</i> , 2022, 2022, 1-14.	0.9	1
5	How the worldâ€™s collective attention is being paid to a pandemic: COVID-19 related n-gram time series for 24 languages on Twitter. <i>PLoS ONE</i> , 2021, 16, e0244476.	1.1	37
6	The growing amplification of social media: measuring temporal and social contagion dynamics for over 150 languages on Twitter for 2009â€“2020. <i>EPJ Data Science</i> , 2021, 10, 15.	1.5	29
7	Ratioing the President: An exploration of public engagement with Obama and Trump on Twitter. <i>PLoS ONE</i> , 2021, 16, e0248880.	1.1	10
8	Local information sources received the most attention from Puerto Ricans during the aftermath of Hurricane Maria. <i>PLoS ONE</i> , 2021, 16, e0251704.	1.1	2
9	Storywrangler: A massive exploratorium for sociolinguistic, cultural, socioeconomic, and political timelines using Twitter. <i>Science Advances</i> , 2021, 7, .	4.7	19
10	Generalized word shift graphs: a method for visualizing and explaining pairwise comparisons between texts. <i>EPJ Data Science</i> , 2021, 10, .	1.5	30
11	Augmenting Semantic Lexicons Using Word Embeddings and Transfer Learning. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 783778.	2.0	3
12	Computational timeline reconstruction of the stories surrounding Trump: Story turbulence, narrative control, and collective chronopathy. <i>PLoS ONE</i> , 2021, 16, e0260592.	1.1	4
13	Story Arcs in Serious Illness: Natural Language Processing features of Palliative Care Conversations. <i>Patient Education and Counseling</i> , 2020, 103, 826-832.	1.0	15
14	The shocklet transform: a decomposition method for the identification of local, mechanism-driven dynamics in sociotechnical time series. <i>EPJ Data Science</i> , 2020, 9, .	1.5	4
15	Hahahahaha, Duuuuude, Yeeessss!: A two-parameter characterization of stretchable words and the dynamics of mistypings and misspellings. <i>PLoS ONE</i> , 2020, 15, e0232938.	1.1	4
16	Noncooperative dynamics in election interference. <i>Physical Review E</i> , 2020, 101, 022307.	0.8	0
17	Title is missing!. , 2020, 15, e0232938.		0
18	Title is missing!. , 2020, 15, e0232938.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0232938.		0
20	Title is missing!. , 2020, 15, e0232938.		0
21	Visitors to urban greenspace have higher sentiment and lower negativity on Twitter. <i>People and Nature</i> , 2019, 1, 476-485.	1.7	53
22	Social media usage patterns during natural hazards. <i>PLoS ONE</i> , 2019, 14, e0210484.	1.1	76
23	English verb regularization in books and tweets. <i>PLoS ONE</i> , 2018, 13, e0209651.	1.1	10
24	Continuum rich-get-richer processes: Mean field analysis with an application to firm size. <i>Physical Review E</i> , 2018, 97, 062317.	0.8	1
25	Divergent discourse between protests and counter-protests: #BlackLivesMatter and #AllLivesMatter. <i>PLoS ONE</i> , 2018, 13, e0195644.	1.1	85
26	Is language evolution grinding to a halt? The scaling of lexical turbulence in English fiction suggests it is not. <i>Journal of Computational Science</i> , 2017, 21, 24-37.	1.5	11
27	Forecasting the onset and course of mental illness with Twitter data. <i>Scientific Reports</i> , 2017, 7, 13006.	1.6	245
28	Simon's fundamental rich-get-richer model entails a dominant first-mover advantage. <i>Physical Review E</i> , 2017, 95, 052301.	0.8	8
29	Instagram photos reveal predictive markers of depression. <i>EPJ Data Science</i> , 2017, 6, .	1.5	208
30	The Lexicocalorimeter: Gauging public health through caloric input and output on social media. <i>PLoS ONE</i> , 2017, 12, e0168893.	1.1	22
31	Tracking Climate Change through the Spatiotemporal Dynamics of the Teletherms, the Statistically Hottest and Coldest Days of the Year. <i>PLoS ONE</i> , 2016, 11, e0154184.	1.1	2
32	Game story space of professional sports: Australian rules football. <i>Physical Review E</i> , 2016, 93, 052314.	0.8	13
33	Predicting Flow Reversals in a Computational Fluid Dynamics Simulated Thermosyphon Using Data Assimilation. <i>PLoS ONE</i> , 2016, 11, e0148134.	1.1	3
34	Vaporous Marketing: Uncovering Pervasive Electronic Cigarette Advertisements on Twitter. <i>PLoS ONE</i> , 2016, 11, e0157304.	1.1	65
35	Text mixing shapes the anatomy of rank-frequency distributions. <i>Physical Review E</i> , 2015, 91, 052811.	0.8	22
36	Identifying missing dictionary entries with frequency-conserving context models. <i>Physical Review E</i> , 2015, 92, 042808.	0.8	5

#	ARTICLE	IF	CITATIONS
37	Zipf's law holds for phrases, not words. <i>Scientific Reports</i> , 2015, 5, 12209.	1.6	26
38	Reply to Garcia et al.: Common mistakes in measuring frequency-dependent word characteristics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2984-5.	3.3	7
39	Human language reveals a universal positivity bias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2389-2394.	3.3	242
40	Robustness of spatial micronetworks. <i>Physical Review E</i> , 2015, 91, 042813.	0.8	11
41	Climate Change Sentiment on Twitter: An Unsolicited Public Opinion Poll. <i>PLoS ONE</i> , 2015, 10, e0136092.	1.1	173
42	Characterizing the Google Books Corpus: Strong Limits to Inferences of Socio-Cultural and Linguistic Evolution. <i>PLoS ONE</i> , 2015, 10, e0137041.	1.1	243
43	Estimation of Global Network Statistics from Incomplete Data. <i>PLoS ONE</i> , 2014, 9, e108471.	1.1	24
44	Nutrient enrichment alters dynamics in experimental plant populations. <i>Population Ecology</i> , 2014, 56, 97-107.	0.7	4
45	Standing Swells Surveyed Showing Surprisingly Stable Solutions for the Lorenz '96 Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014, 24, 1430027.	0.7	12
46	Limited Imitation Contagion on Random Networks: Chaos, Universality, and Unpredictability. <i>Physical Review Letters</i> , 2013, 110, 158701.	2.9	33
47	Predicting Critical Transitions From Time Series Synchronophasor Data. <i>IEEE Transactions on Smart Grid</i> , 2012, 3, 1832-1840.	6.2	48
48	Defining the Boundaries of Normal Thrombin Generation: Investigations into Hemostasis. <i>PLoS ONE</i> , 2012, 7, e30385.	1.1	51
49	Predicting flow reversals in chaotic natural convection using data assimilation. <i>Tellus, Series A: Dynamic Meteorology and Oceanography</i> , 2012, 64, 17598.	0.8	6
50	Temporal Patterns of Happiness and Information in a Global Social Network: Hedonometrics and Twitter. <i>PLoS ONE</i> , 2011, 6, e26752.	1.1	544
51	Measuring the Happiness of Large-Scale Written Expression: Songs, Blogs, and Presidents. <i>Journal of Happiness Studies</i> , 2010, 11, 441-456.	1.9	236
52	The impact of uncertainty in a blood coagulation model. <i>Mathematical Medicine and Biology</i> , 2009, 26, 323-336.	0.8	55
53	Impact of online empirical model correction on nonlinear error growth. <i>Geophysical Research Letters</i> , 2008, 35, .	1.5	17
54	Using Singular Value Decomposition to Parameterize State-Dependent Model Errors. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 1467-1478.	0.6	28