

Bruno Goncalves

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.

63

papers

4,983

citations

31

h-index

64

g-index

64

ext. papers

5,802

ext. citations

3.8

avg, IF

5.63

L-index

#	Paper	IF	Citations
63	What counts as a weak tie? A comparison of filtering techniques to analyze co-exposure networks. <i>Social Networks</i> , 2022 , 68, 386-393	3.9	0
62	What Counts as a Weak Tie? A Comparison of Filtering Techniques for Weighted Networks. <i>SSRN Electronic Journal</i> , 2019 ,	1	3
61	Networks of Audience Overlap in the Consumption of Digital News. <i>Journal of Communication</i> , 2018 , 68, 26-50	2.4	48
60	Immigrant community integration in world cities. <i>PLoS ONE</i> , 2018 , 13, e0191612	3.7	33
59	The contagion effects of repeated activation in social networks. <i>Social Networks</i> , 2018 , 54, 326-335	3.9	17
58	Network Happiness: How Online Social Interactions Relate to Our Well Being. <i>Computational Social Sciences</i> , 2018 , 257-268	0.7	2
57	Mapping the Americanization of English in space and time. <i>PLoS ONE</i> , 2018 , 13, e0197741	3.7	36
56	Semantic homophily in online communication: Evidence from Twitter. <i>Online Social Networks and Media</i> , 2017 , 2, 1-18	3.3	13
55	The happiness paradox: your friends are happier than you. <i>EPJ Data Science</i> , 2017 , 6,	3.4	31
54	The dynamics of information-driven coordination phenomena: A transfer entropy analysis. <i>Science Advances</i> , 2016 , 2, e1501158	14.3	54
53	Touristic site attractiveness seen through Twitter. <i>EPJ Data Science</i> , 2016 , 5,	3.4	23
52	Topical differences between Chinese language Twitter and Sina Weibo 2016 ,		7
51	Human diffusion and city influence. <i>Journal of the Royal Society Interface</i> , 2015 , 12, 20150473	4.1	33
50	Reply to Biersteker: When methods matter. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, E1815	11.5	
49	Modeling and Predicting Human Infectious Diseases 2015 , 59-83		10
48	Assessing the bias in samples of large online networks. <i>Social Networks</i> , 2014 , 38, 16-27	3.9	137
47	Crowdsourcing dialect characterization through Twitter. <i>PLoS ONE</i> , 2014 , 9, e112074	3.7	40

46	Entangling mobility and interactions in social media. <i>PLoS ONE</i> , 2014 , 9, e92196	3.7	56
45	Links that speak: the global language network and its association with global fame. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5616-22	11.5	72
44	The Spanish Indignados Movement: Time Dynamics, Geographical Distribution, and Recruitment Mechanisms. <i>Lecture Notes in Social Networks</i> , 2014 , 155-177	0.6	2
43	Emergence of Influential Spreaders in Modified Rumor Models. <i>Journal of Statistical Physics</i> , 2013 , 151, 383-393	1.5	45
42	The role of information diffusion in the evolution of social networks 2013 ,		88
41	Human mobility and the worldwide impact of intentional localized highly pathogenic virus release. <i>Scientific Reports</i> , 2013 , 3, 810	4.9	14
40	Social Networks, Contagion Processes and the Spreading of Infectious Diseases 2013 , 515-527		1
39	Characterizing scientific production and consumption in physics. <i>Scientific Reports</i> , 2013 , 3, 1640	4.9	29
38	The Bridges and Brokers of Global Campaigns in the Context of Social Media. <i>SSRN Electronic Journal</i> , 2013 ,	1	9
37	The Twitter of Babel: mapping world languages through microblogging platforms. <i>PLoS ONE</i> , 2013 , 8, e61981	3.7	148
36	Dynamical classes of collective attention in twitter 2012 ,		170
35	Random walks and search in time-varying networks. <i>Physical Review Letters</i> , 2012 , 109, 238701	7.4	133
34	Partisan asymmetries in online political activity. <i>EPJ Data Science</i> , 2012 , 1,	3.4	136
33	Beating the news using social media: the case study of American Idol. <i>EPJ Data Science</i> , 2012 , 1,	3.4	41
32	Real-time numerical forecast of global epidemic spreading: case study of 2009 A/H1N1pdm. <i>BMC Medicine</i> , 2012 , 10, 165	11.4	178
31	Assessing the Bias in Communication Networks Sampled from Twitter. <i>SSRN Electronic Journal</i> , 2012 ,	1	14
30	Predicting the Political Alignment of Twitter Users 2011 ,		199
29	Modeling users' activity on twitter networks: validation of Dunbar's number. <i>PLoS ONE</i> , 2011 , 6, e22656	3.7	324

28	The GLEaMviz computational tool, a publicly available software to explore realistic epidemic spreading scenarios at the global scale. <i>BMC Infectious Diseases</i> , 2011 , 11, 37	4	131
27	The dynamics of protest recruitment through an online network. <i>Scientific Reports</i> , 2011 , 1, 197	4.9	311
26	Truthy 2011 ,		240
25	Happiness is assortative in online social networks. <i>Artificial Life</i> , 2011 , 17, 237-51	1.4	162
24	Towards a characterization of behavior-disease models. <i>PLoS ONE</i> , 2011 , 6, e23084	3.7	149
23	Agents, bookmarks and clicks 2010 ,		7
22	Modeling Traffic on the Web Graph. <i>Lecture Notes in Computer Science</i> , 2010 , 50-61	0.9	3
21	Modeling the spatial spread of infectious diseases: the Global Epidemic and Mobility computational model. <i>Journal of Computational Science</i> , 2010 , 1, 132-145	3.4	275
20	Comparing large-scale computational approaches to epidemic modeling: agent-based versus structured metapopulation models. <i>BMC Infectious Diseases</i> , 2010 , 10, 190	4	163
19	Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A(H1N1) influenza in the Northern Hemisphere. <i>Emerging Health Threats Journal</i> , 2009 , 2, 7093		9
18	What's in a session 2009 ,		16
17	Seasonal transmission potential and activity peaks of the new influenza A(H1N1): a Monte Carlo likelihood analysis based on human mobility. <i>BMC Medicine</i> , 2009 , 7, 45	11.4	248
16	Multiscale mobility networks and the spatial spreading of infectious diseases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 21484-9	11.5	821
15	Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A(H1N1) influenza in the Northern Hemisphere. <i>Emerging Health Threats Journal</i> , 2009 , 2, e11		12
14	Estimate of Novel Influenza A/H1N1 cases in Mexico at the early stage of the pandemic with a spatially structured epidemic model. <i>PLOS Currents</i> , 2009 , 1, RRN1129		14
13	Modeling the critical care demand and antibiotics resources needed during the Fall 2009 wave of influenza A(H1N1) pandemic. <i>PLOS Currents</i> , 2009 , 1, RRN1133		16
12	Towards the Characterization of Individual Users through Web Analytics. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2009 , 2247-2254 ^{0.2}		1
11	Anomalous diffusion on the Hanoi networks. <i>Europhysics Letters</i> , 2008 , 84, 30002	1.6	19

10	Hysteretic optimization for spin glasses. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2008 , 2008, P01003	1.9	9
9	Geometry and dynamics for hierarchical regular networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 335003	2	15
8	Magnetic reversal time in open long-range systems. <i>Physical Review E</i> , 2008 , 77, 061119	2.4	2
7	Human dynamics revealed through Web analytics. <i>Physical Review E</i> , 2008 , 78, 026123	2.4	102
6	The peculiar phase structure of random graph bisection. <i>Journal of Mathematical Physics</i> , 2008 , 49, 125219		8
5	Hierarchical regular small-world networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 252001	2	32
4	Ensemble inequivalence in random graphs. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007 , 386, 212-218	3.3	16
3	Transport on weighted networks: When the correlations are independent of the degree. <i>Physical Review E</i> , 2007 , 76, 066106	2.4	32
2	Monte Carlo study of the elastic interaction in heteroepitaxial growth. <i>Physical Review E</i> , 2002 , 65, 061602	2.4	4
1	OSoMe: the IUNI observatory on social media. <i>PeerJ Computer Science</i> , 2, e87	2.7	20