Jordi Duch

List of Publications by Year
in descending order

26 papers	4,362 citations	687363 13 h-index	552781 26 g-index
32 all docs	32 docs citations	32 times ranked	4080 citing authors

#	Article	IF	Citations
1	Comparing community structure identification. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P09008-P09008.	2.3	1,889
2	Community detection in complex networks using extremal optimization. Physical Review E, 2005, 72, 027104.	2.1	1,233
3	Size reduction of complex networks preserving modularity. New Journal of Physics, 2007, 9, 176-176.	2.9	255
4	Quantifying the Performance of Individual Players in a Team Activity. PLoS ONE, 2010, 5, e10937.	2.5	236
5	The Possible Role of Resource Requirements and Academic Career-Choice Risk on Gender Differences in Publication Rate and Impact. PLoS ONE, 2012, 7, e51332.	2.5	179
6	Differences in Collaboration Patterns across Discipline, Career Stage, and Gender. PLoS Biology, 2016, 14, e1002573.	5.6	100
7	Scaling of Fluctuations in Traffic on Complex Networks. Physical Review Letters, 2006, 96, 218702.	7.8	89
8	Quantum Navigation and Ranking in Complex Networks. Scientific Reports, 2012, 2, 605.	3.3	83
9	Humans display a reduced set of consistent behavioral phenotypes in dyadic games. Science Advances, 2016, 2, e1600451.	10.3	67
10	Efficacy of a mobile application for smoking cessation in young people: study protocol for a clustered, randomized trial. BMC Public Health, 2013, 13, 704.	2.9	42
11	Analysis of large social datasets by community detection. European Physical Journal: Special Topics, 2007, 143, 257-259.	2.6	24
12	Resource heterogeneity leads to unjust effort distribution in climate change mitigation. PLoS ONE, 2018, 13, e0204369.	2.5	23
13	Evaluation of the Tobbstop Mobile App for Smoking Cessation: Cluster Randomized Controlled Clinical Trial. JMIR MHealth and UHealth, 2020, 8, e15951.	3.7	23
14	Tracking Traders' Understanding of the Market Using e-Communication Data. PLoS ONE, 2011, 6, e26705.	2.5	19
15	Exploring Efficacy of a Serious Game (Tobbstop) for Smoking Cessation During Pregnancy: Randomized Controlled Trial. JMIR Serious Games, 2019, 7, e12835.	3.1	17
16	Citizen Social Lab: A digital platform for human behavior experimentation within a citizen science framework. PLoS ONE, 2018, 13, e0207219.	2.5	11
17	Optimal prediction of decisions and model selection in social dilemmas using block models. EPJ Data Science, 2018, 7, .	2.8	10
18	Coping Strategies and Social Support in a Mobile Phone Chat App Designed to Support Smoking Cessation: Qualitative Analysis. JMIR MHealth and UHealth, 2018, 6, e11071.	3.7	10

#	Article	IF	Citations
19	Impact of heterogeneity and socioeconomic factors on individual behavior in decentralized sharing ecosystems. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15322-15327.	7.1	9
20	Quantitative account of social interactions in a mental health care ecosystem: cooperation, trust and collective action. Scientific Reports, 2018, 8, 3794.	3.3	8
21	Market Imitation and Win-Stay Lose-Shift Strategies Emerge as Unintended Patterns in Market Direction Guesses. PLoS ONE, 2016, 11, e0159078.	2.5	7
22	Effect of random failures on traffic in complex networks. , 2007, , .		6
23	A model to study the scaling of traffic fluctuations on complex networks. European Physical Journal: Special Topics, 2007, 143, 253-255.	2.6	5
24	Complex decision-making strategies in a stock market experiment explained as the combination of few simple strategies. EPJ Data Science, 2021, 10, .	2.8	5
25	Reciprocal interactions out of congestion-free adaptive networks. Physical Review E, 2012, 85, 026112.	2.1	3
26	User Behavior and Change. , 2014, , .		2