Qian Zhang

List of Publications by Year
in descending order

22 papers	1,125 citations	687363 13 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	1867 citing authors

#	Article	IF	Citations
1	Spread of Zika virus in the Americas. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4334-E4343.	7.1	249
2	The Twitter of Babel: Mapping World Languages through Microblogging Platforms. PLoS ONE, 2013, 8, e61981.	2.5	191
3	Collective attention in the age of (mis)information. Computers in Human Behavior, 2015, 51, 1198-1204.	8.5	127
4	Collaborative efforts to forecast seasonal influenza in the United States, 2015â€"2016. Scientific Reports, 2019, 9, 683.	3.3	90
5	Results from the second year of a collaborative effort to forecast influenza seasons in the United States. Epidemics, 2018, 24, 26-33.	3.0	83
6	Phase transitions in information spreading on structured populations. Nature Physics, 2020, 16, 590-596.	16.7	53
7	Forecasting Seasonal Influenza Fusing Digital Indicators and a Mechanistic Disease Model. , 2017, , .		47
8	Combining Participatory Influenza Surveillance with Modeling and Forecasting: Three Alternative Approaches. JMIR Public Health and Surveillance, 2017, 3, e83.	2.6	42
9	The economy of attention in the age of (mis)information. Journal of Trust Management, 2014, 1, .	0.4	37
10	Characterizing scientific production and consumption in Physics. Scientific Reports, 2013, 3, 1640.	3.3	32
11	Committed activists and the reshaping of status-quo social consensus. Physical Review E, 2015, 92, 042805.	2.1	29
12	Epidemic spreading on time-varying multiplex networks. Physical Review E, 2018, 98, .	2.1	28
13	Social Data Mining and Seasonal Influenza Forecasts: The FluOutlook Platform. Lecture Notes in Computer Science, 2015, , 237-240.	1.3	18
14	Mapping the physics research space: a machine learning approach. EPJ Data Science, 2019, 8, .	2.8	17
15	Topical differences between Chinese language Twitter and Sina Weibo. , 2016, , .		12
16	Immunobiological Outcomes of Repeated Chlamydial Infection from Two Models of Within-Host Population Dynamics. PLoS ONE, 2009, 4, e6886.	2.5	11
17	Quantifying the risk of local Zika virus transmission in the contiguous US during the 2015â€"2016 ZIKV epidemic. BMC Medicine, 2018, 16, 195.	5.5	11
18	Link transmission centrality in large-scale social networks. EPJ Data Science, 2018, 7, .	2.8	7

#	ARTICLE	IF	CITATIONS
19	Predicting seasonal influenza using supermarket retail records. PLoS Computational Biology, 2021, 17, e1009087.	3.2	5
20	Global epidemic invasion thresholds in directed cattle subpopulation networks having source, sink, and transit nodes. Journal of Theoretical Biology, 2015, 367, 203-221.	1.7	3
21	Using simulated infectious disease outbreaks to inform site selection and sample size for individually randomized vaccine trials during an ongoing epidemic. Clinical Trials, 2021, 18, 630-638.	1.6	3
22	Structural Patterns of the Occupy Movement on Facebook. Studies in Computational Intelligence, 2017, , 595-606.	0.9	2