

David A Broniatowski

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.

62

papers

1,799

citations

19

h-index

42

g-index

75

ext. papers

2,427

ext. citations

4.8

avg, IF

5.66

L-index

#	Paper	IF	Citations
62	Twitter and Facebook posts about COVID-19 are less likely to spread misinformation compared to other health topics.. <i>PLoS ONE</i> , 2022 , 17, e0261768	3.7	2
61	Anticipating IQOS market expansion in the United States.. <i>Tobacco Prevention and Cessation</i> , 2022 , 8, 04	1.2	0
60	The impact of Facebook's vaccine misinformation policy on user endorsements of vaccine content: An interrupted time series analysis.. <i>Vaccine</i> , 2022 ,	4.1	3
59	Research Methods for Supporting Engineering Systems Design 2021 , 1-26		
58	Questioning the Yelp Effect: Mixed Methods Analysis of Web-Based Reviews of Urgent Cares. <i>Journal of Medical Internet Research</i> , 2021 , 23, e29406	7.6	0
57	"First Do No Harm": Effective Communication About COVID-19 Vaccines. <i>American Journal of Public Health</i> , 2021 , 111, 1055-1057	5.1	4
56	Spread of Misinformation About Face Masks and COVID-19 by Automated Software on Facebook. <i>JAMA Internal Medicine</i> , 2021 , 181, 1251-1253	11.5	4
55	OPEX: Development of a novel overall patient experience measure to facilitate interpretation of comparison effectiveness studies. <i>PLoS ONE</i> , 2021 , 16, e0245598	3.7	2
54	Misconceptions, misinformation, and moving forward in theories of COVID-19 risky behaviors.. <i>Journal of Applied Research in Memory and Cognition</i> , 2021 , 10, 537-541	2.3	
53	Viruses, Vaccines, and COVID-19: Explaining and Improving Risky Decision-making.. <i>Journal of Applied Research in Memory and Cognition</i> , 2021 , 10, 491-509	2.3	14
52	Does gist drive NASA experts' design decisions?. <i>Systems Engineering</i> , 2020 , 23, 460-479	1.8	2
51	Chinese social media suggest decreased vaccine acceptance in China: An observational study on Weibo following the 2018 Changchun Changsheng vaccine incident. <i>Vaccine</i> , 2020 , 38, 2764-2770	4.1	17
50	Validating Social Media Monitoring: Statistical Pitfalls and Opportunities from Public Opinion. <i>Lecture Notes in Computer Science</i> , 2020 , 65-74	0.9	
49	Abstraction: An alternative neurocognitive account of recognition, prediction, and decision making. <i>Behavioral and Brain Sciences</i> , 2020 , 43, e144	0.9	
48	Facebook Pages, the "Disneyland" Measles Outbreak, and Promotion of Vaccine Refusal as a Civil Right, 2009-2019. <i>American Journal of Public Health</i> , 2020 , 110, S312-S318	5.1	13
47	The Twitter Social Mobility Index: Measuring Social Distancing Practices With Geolocated Tweets. <i>Journal of Medical Internet Research</i> , 2020 , 22, e21499	7.6	19
46	Not just conspiracy theories: Vaccine opponents and proponents add to the COVID-19 'infodemic' on Twitter 2020 , 1,		42

45	Vaccine-related advertising in the Facebook Ad Archive. <i>Vaccine</i> , 2020 , 38, 512-520	4.1	26
44	Adapting and Extending a Typology to Identify Vaccine Misinformation on Twitter. <i>American Journal of Public Health</i> , 2020 , 110, S331-S339	5.1	25
43	To illuminate and motivate: A fuzzy-trace model of the spread of information online. <i>Computational and Mathematical Organization Theory</i> , 2020 , 26, 431-464	2.1	3
42	Selective stimulation of human intrinsic laryngeal muscles: Analysis in a mathematical three-dimensional space. <i>Laryngoscope</i> , 2020 , 130, 967-973	3.6	
41	Government Role in Regulating Vaccine Misinformation on Social Media Platforms. <i>JAMA Pediatrics</i> , 2019 , 173, 1011-1012	8.3	10
40	Characterizing System Architectures Using Network Data. <i>Procedia Computer Science</i> , 2019 , 153, 301-308.6		
39	Communicating Meaning in the Intelligence Enterprise. <i>Policy Insights From the Behavioral and Brain Sciences</i> , 2019 , 6, 38-46	2.1	1
38	Malicious Actors on Twitter: A Guide for Public Health Researchers. <i>American Journal of Public Health</i> , 2019 , 109, 688-692	5.1	42
37	Does Causal Coherence Predict Online Spread of Social Media?. <i>Lecture Notes in Computer Science</i> , 2019 , 184-193	0.9	1
36	Characterizing Trends in Human Papillomavirus Vaccine Discourse on Reddit (2007-2015): An Observational Study. <i>JMIR Public Health and Surveillance</i> , 2019 , 5, e12480	11.4	24
35	Can online self-reports assist in real-time identification of influenza vaccination uptake? A cross-sectional study of influenza vaccine-related tweets in the USA, 2013-2017. <i>BMJ Open</i> , 2019 , 9, e024018	2.0	6
34	Building the tower without climbing it: Progress in engineering systems. <i>Systems Engineering</i> , 2018 , 21, 259-281	1.8	11
33	Do design decisions depend on "dictators"?. <i>Research in Engineering Design - Theory, Applications, and Concurrent Engineering</i> , 2018 , 29, 67-85	3.5	1
32	Weaponized Health Communication: Twitter Bots and Russian Trolls Amplify the Vaccine Debate. <i>American Journal of Public Health</i> , 2018 , 108, 1378-1384	5.1	473
31	Discordance Between Human Papillomavirus Twitter Images and Disparities in Human Papillomavirus Risk and Disease in the United States: Mixed-Methods Analysis. <i>Journal of Medical Internet Research</i> , 2018 , 20, e10244	7.6	16
30	The Flexibility of Generic Architectures: Lessons from the Human Nervous System 2018 , 585-598		
29	A formal model of fuzzy-trace theory: Variations on framing effects and the Allais paradox. <i>Decision</i> , 2018 , 5, 205-252	1.9	32
28	Patients' and Clinicians' Perceptions of Antibiotic Prescribing for Upper Respiratory Infections in the Acute Care Setting. <i>Medical Decision Making</i> , 2018 , 38, 547-561	2.5	15

27	The Emergence and Collapse of Knowledge Boundaries. <i>IEEE Transactions on Engineering Management</i> , 2017 , 64, 337-350	2.6	6
26	Flexibility Due to Abstraction and Decomposition. <i>Systems Engineering</i> , 2017 , 20, 98-117	1.8	12
25	Vaccine opponents' use of Twitter during the 2016 US presidential election: Implications for practice and policy. <i>Vaccine</i> , 2017 , 35, 4670-4672	4.1	18
24	Categorical Risk Perception Drives Variability in Antibiotic Prescribing in the Emergency Department: A Mixed Methods Observational Study. <i>Journal of General Internal Medicine</i> , 2017 , 32, 1083-1089 ³⁰	4.1	18
23	Assessing causal claims about complex engineered systems with quantitative data: internal, external, and construct validity. <i>Systems Engineering</i> , 2017 , 20, 483-496	1.8	12
22	How Does Twitter User Behavior Vary Across Demographic Groups? 2017 ,		6
21	Measuring Perceived Causal Relationships Between Narrative Events with a Crowdsourcing Application on Mturk. <i>Lecture Notes in Computer Science</i> , 2017 , 349-355	0.9	
20	Understanding Vaccine Refusal: Why We Need Social Media Now. <i>American Journal of Preventive Medicine</i> , 2016 , 50, 550-552	6.1	72
19	Decoupling of the minority PhD talent pool and assistant professor hiring in medical school basic science departments in the US. <i>ELife</i> , 2016 , 5,	8.9	86
18	Modeling Influenza by Modulating Flu Awareness. <i>Lecture Notes in Computer Science</i> , 2016 , 262-271	0.9	4
17	Measuring Flexibility, Descriptive Complexity, and Rework Potential in Generic System Architectures. <i>Systems Engineering</i> , 2016 , 19, 207-221	1.8	30
16	Zika vaccine misconceptions: A social media analysis. <i>Vaccine</i> , 2016 , 34, 3441-2	4.1	80
15	Effective vaccine communication during the disneyland measles outbreak. <i>Vaccine</i> , 2016 , 34, 3225-8	4.1	46
14	Germs are germs, and why not take a risk? Patients' expectations for prescribing antibiotics in an inner-city emergency department. <i>Medical Decision Making</i> , 2015 , 35, 60-7	2.5	40
13	Using Social Media to Perform Local Influenza Surveillance in an Inner-City Hospital: A Retrospective Observational Study. <i>JMIR Public Health and Surveillance</i> , 2015 , 1, e5	11.4	28
12	Twitter: big data opportunities. <i>Science</i> , 2014 , 345, 148	33.3	24
11	Twitter improves influenza forecasting. <i>PLOS Currents</i> , 2014 , 6,		135
10	Does seating location impact voting behavior on Food and Drug Administration advisory committees?. <i>American Journal of Therapeutics</i> , 2013 , 20, 502-6	1	1

9	National and local influenza surveillance through Twitter: an analysis of the 2012-2013 influenza epidemic. <i>PLoS ONE</i> , 2013 , 8, e83672	3.7	287
8	Studying Group Behaviors: A tutorial on text and network analysis methods. <i>IEEE Signal Processing Magazine</i> , 2012 , 29, 22-32	9.4	7
7	Extracting social values and group identities from social media text data 2012 ,		1
6	Towards a Computational Analysis of Status and Leadership Styles on FDA Panels. <i>Lecture Notes in Computer Science</i> , 2011 , 212-218	0.9	1
5	Analysis of Social Dynamics on FDA Panels Using Social Networks Extracted from Meeting Transcripts 2010 ,		2
4	The political sustainability of space exploration. <i>Space Policy</i> , 2008 , 24, 148-157	1.4	9
3	A framework for evaluating international cooperation in space exploration. <i>Space Policy</i> , 2008 , 24, 181-189	1.9	11
2	Articulating the space exploration policyTechnology feedback cycle. <i>Acta Astronautica</i> , 2008 , 63, 649-656.	0.9	3
1	The Twitter Social Mobility Index: Measuring Social Distancing Practices With Geolocated Tweets (Preprint)		4