# David A Broniatowski

List of Publications by Year
in descending order



| 68 | 2,925 | 304701 22 | 189881 50 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 75 | 75 | 75 | 3422 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Weaponized Health Communication: Twitter Bots and Russian Trolls Amplify the Vaccine Debate. American Journal of Public Health, 2018, 108, 1378-1384. | 2.7 | 770 |
| 2 | National and Local Influenza Surveillance through Twitter: An Analysis of the 2012-2013 Influenza Epidemic. PLoS ONE, 2013, 8, e83672. | 2.5 | 375 |
| 3 | Twitter Improves Influenza Forecasting. PLOS Currents, 2014, 6, . | 1.4 | 191 |
| 4 | Decoupling of the minority PhD talent pool and assistant professor hiring in medical school basic science departments in the US. ELife, 2016, 5, . | 6.0 | 139 |
| 5 | Zika vaccine misconceptions: A social media analysis. Vaccine, 2016, 34, 3441-3442. | 3.8 | 110 |
| 6 | Understanding Vaccine Refusal. American Journal of Preventive Medicine, 2016, 50, 550-552. | 3.0 | 105 |
| 7 | Not just conspiracy theories: Vaccine opponents and proponents add to the COVID-19 â€˜infodemicâ€™ on Twitter. , 2020, 1, . | | 102 |
| 8 | Volatility of vaccine confidence. Science, 2021, 371, 1289-1289. | 12.6 | 59 |
| 9 | Malicious Actors on Twitter: A Guide for Public Health Researchers. American Journal of Public Health, 2019, 109, 688-692. | 2.7 | 58 |
| 10 | Vaccine-related advertising in the Facebook Ad Archive. Vaccine, 2020, 38, 512-520. | 3.8 | 56 |
| 11 | Adapting and Extending a Typology to Identify Vaccine Misinformation on Twitter. American Journal of Public Health, 2020, 110, S331-S339. | 2.7 | 56 |
| 12 | Germs Are Germs, and Why Not Take a Risk? Patientsâ€™ Expectations for Prescribing Antibiotics in an Inner-City Emergency Department. Medical Decision Making, 2015, 35, 60-67. | 2.4 | 55 |
| 13 | Effective vaccine communication during the disneyland measles outbreak. Vaccine, 2016, 34, 3225-3228. | 3.8 | 54 |
| 14 | Categorical Risk Perception Drives Variability in Antibiotic Prescribing in the Emergency Department: A Mixed Methods Observational Study. Journal of General Internal Medicine, 2017, 32, 1083-1089. | 2.6 | 47 |
| 15 | A formal model of fuzzy-trace theory: Variations on framing effects and the Allais Paradox.. Decision, 2018, 5, 205-252. | 0.5 | 47 |
| 16 | Using Social Media to Perform Local Influenza Surveillance in an Inner-City Hospital: A Retrospective Observational Study. JMIR Public Health and Surveillance, 2015, 1, e5. | 2.6 | 42 |
| 17 | Measuring Flexibility, Descriptive Complexity, and Rework Potential in Generic System Architectures. Systems Engineering, 2016, 19, 207-221. | 2.7 | 39 |
| 18 | Characterizing Trends in Human Papillomavirus Vaccine Discourse on Reddit (2007-2015): An Observational Study. JMIR Public Health and Surveillance, 2019, 5, e12480. | 2.6 | 36 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Twitter Social Mobility Index: Measuring Social Distancing Practices With Geolocated Tweets. Journal of Medical Internet Research, 2020, 22, e21499. | 4.3 | 35 |
| 20 | Facebook Pages, the â€œDisneylandâ€•Measles Outbreak, and Promotion of Vaccine Refusal as a Civil Right, 2009â€“2019. American Journal of Public Health, 2020, 110, S312-S318. | 2.7 | 33 |
| 21 | Twitter: Big data opportunities. Science, 2014, 345, 148-148. | 12.6 | 32 |
| 22 | Chinese social media suggest decreased vaccine acceptance in China: An observational study on Weibo following the 2018 Changchun Changsheng vaccine incident. Vaccine, 2020, 38, 2764-2770. | 3.8 | 30 |
| 23 | Patientsâ€™ and Cliniciansâ€™ Perceptions of Antibiotic Prescribing for Upper Respiratory Infections in the Acute Care Setting. Medical Decision Making, 2018, 38, 547-561. | 2.4 | 28 |
| 24 | Viruses, vaccines, and COVID-19: Explaining and improving risky decision-making.. Journal of Applied Research in Memory and Cognition, 2021, 10, 491-509. | 1.1 | 28 |
| 25 | Why Debunking Misinformation Is Not Enough to Change Peopleâ€™s Minds About Vaccines. American Journal of Public Health, 2021, 111, 1058-1060. | 2.7 | 25 |
| 26 | Spread of Misinformation About Face Masks and COVID-19 by Automated Software on Facebook. JAMA Internal Medicine, 2021, 181, 1251. | 5.1 | 25 |
| 27 | â€œFirst Do No Harmâ€• Effective Communication About COVID-19 Vaccines. American Journal of Public Health, 2021, 111, 1055-1057. | 2.7 | 24 |
| 28 | Discordance Between Human Papillomavirus Twitter Images and Disparities in Human Papillomavirus Risk and Disease in the United States: Mixed-Methods Analysis. Journal of Medical Internet Research, 2018, 20, e10244. | 4.3 | 24 |
| 29 | Twitter and Facebook posts about COVID-19 are less likely to spread misinformation compared to other health topics. PLoS ONE, 2022, 17, e0261768. | 2.5 | 24 |
| 30 | IQOS marketing strategies in the USA before and after US FDA modified risk tobacco product authorisation. Tobacco Control, 2023, 32, 418-427. | 3.2 | 22 |
| 31 | Vaccine opponents' use of Twitter during the 2016 US presidential election: Implications for practice and policy. Vaccine, 2017, 35, 4670-4672. | 3.8 | 21 |
| 32 | How Does Twitter User Behavior Vary Across Demographic Groups?. , 2017, , . | | 19 |
| 33 | Flexibility Due to Abstraction and Decomposition. Systems Engineering, 2017, 20, 98-117. | 2.7 | 17 |
| 34 | Assessing causal claims about complex engineered systems with quantitative data: internal, external, and construct validity. Systems Engineering, 2017, 20, 483-496. | 2.7 | 15 |
| 35 | A framework for evaluating international cooperation in space exploration. Space Policy, 2008, 24, 181-189. | 1.5 | 14 |
| 36 | Building the tower without climbing it: Progress in engineering systems. Systems Engineering, 2018, 21, 259-281. | 2.7 | 14 |

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|---|---|---|---|
| 37 | Government Role in Regulating Vaccine Misinformation on Social Media Platforms. JAMA Pediatrics, 2019, 173, 1011. | 6.2 | 13 |
| 38 | 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, 2013â€“2017. BMJ Open, 2019, 9, e024018. | 1.9 | 13 |
| 39 | Vaccine Communication as Weaponized Identity Politics. American Journal of Public Health, 2020, 110, 617-618. | 2.7 | 13 |
| 40 | The political sustainability of space exploration. Space Policy, 2008, 24, 148-157. | 1.5 | 12 |
| 41 | The Emergence and Collapse of Knowledge Boundaries. IEEE Transactions on Engineering Management, 2017, 64, 337-350. | 3.5 | 10 |
| 42 | To illuminate and motivate: a fuzzy-trace model of the spread of information online. Computational and Mathematical Organization Theory, 2020, 26, 431-464. | 2.0 | 10 |
| 43 | An Investigation of Influential Users in the Promotion and Marketing of Heated Tobacco Products on Instagram: A Social Network Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 1686. | 2.6 | 10 |
| 44 | The impact of Facebookâ€™s vaccine misinformation policy on user endorsements of vaccine content: An interrupted time series analysis. Vaccine, 2022, 40, 2209-2214. | 3.8 | 9 |
| 45 | Studying Group Behaviors: A tutorial on text and network analysis methods. IEEE Signal Processing Magazine, 2012, 29, 22-32. | 5.6 | 8 |
| 46 | Anticipating IQOS market expansion in the United States. Tobacco Prevention and Cessation, 2022, 8, 1-4. | 0.4 | 8 |
| 47 | Modeling Influenza by Modulating Flu Awareness. Lecture Notes in Computer Science, 2016, , 262-271. | 1.3 | 7 |
| 48 | OPEX: Development of a novel overall patient experience measure to facilitate interpretation of comparison effectiveness studies. PLoS ONE, 2021, 16, e0245598. | 2.5 | 6 |
| 49 | Does gist drive NASA expertsâ€™ design decisions?. Systems Engineering, 2020, 23, 460-479. | 2.7 | 4 |
| 50 | Articulating the space exploration policyâ€“technology feedback cycle. Acta Astronautica, 2008, 63, 649-656. | 3.2 | 3 |
| 51 | Does Seating Location Impact Voting Behavior on Food and Drug Administration Advisory Committees?. American Journal of Therapeutics, 2013, 20, 502-506. | 0.9 | 3 |
| 52 | Communicating Meaning in the Intelligence Enterprise. Policy Insights From the Behavioral and Brain Sciences, 2019, 6, 38-46. | 2.4 | 3 |
| 53 | Questioning the Yelp Effect: Mixed Methods Analysis of Web-Based Reviews of Urgent Cares. Journal of Medical Internet Research, 2021, 23, e29406. | 4.3 | 3 |
| 54 | Analysis of Social Dynamics on FDA Panels Using Social Networks Extracted from Meeting Transcripts. , 2010, , . | | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Do design decisions depend on â€œdictatorsâ€?. Research in Engineering Design - Theory, Applications, and Concurrent Engineering, 2018, 29, 67-85. | 2.1 | 2 |
| 56 | Selective stimulation of human intrinsic laryngeal muscles: Analysis in a mathematical threeâ€dimensional space. Laryngoscope, 2020, 130, 967-973. | 2.0 | 2 |
| 57 | EvolvabilityÂanalysis framework: Adding transition path and stakeholder diversity to infrastructure planning. Systems Engineering, 2022, 25, 35-50. | 2.7 | 2 |
| 58 | Political Sustainability in Space Exploration: A Game Theoretic Approach. , 2005, , . | | 1 |
| 59 | Extracting social values and group identities from social media text data. , 2012, , . | | 1 |
| 60 | Does Causal Coherence Predict Online Spread of Social Media?. Lecture Notes in Computer Science, 2019, , 184-193. | 1.3 | 1 |
| 61 | Misconceptions, misinformation, and moving forward in theories of COVID-19 risky behaviors.. Journal of Applied Research in Memory and Cognition, 2021, 10, 537-541. | 1.1 | 1 |
| 62 | Political Sustainability in Space Exploration Architectures. , 2006, , . | | 0 |
| 63 | Characterizing System Architectures Using Network Data. Procedia Computer Science, 2019, 153, 301-308. | 2.0 | 0 |
| 64 | Computational Analysis of Committee Decision-Making. SSRN Electronic Journal, 0, , . | 0.4 | 0 |
| 65 | Measuring Perceived Causal Relationships Between Narrative Events with a Crowdsourcing Application on Mturk. Lecture Notes in Computer Science, 2017, , 349-355. | 1.3 | 0 |
| 66 | The Flexibility of Generic Architectures: Lessons from the Human Nervous System. , 2018, , 585-598. | | 0 |
| 67 | Validating Social Media Monitoring: Statistical Pitfalls and Opportunities from Public Opinion. Lecture Notes in Computer Science, 2020, , 65-74. | 1.3 | 0 |
| 68 | Abstraction: An alternative neurocognitive account of recognition, prediction, and decision making. Behavioral and Brain Sciences, 2020, 43, e144. | 0.7 | 0 |