

Scientific communication in a post-truth society

Proceedings of the National Academy of Sciences of the United States of America
116, 7656-7661

DOI: [10.1073/pnas.1805868115](https://doi.org/10.1073/pnas.1805868115)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Discrepancy in scientific authority and media visibility of climate change scientists and contrarians. Nature Communications, 2019, 10, 3502.	5.8	57
2	The Theory of Informative Fictions: A Character-Based Approach to False News and other Misinformation. SSRN Electronic Journal, 0, , .	0.4	2
3	Science communication in a post-truth world: promises and pitfalls. Frontiers in Ecology and the Environment, 2019, 17, 310-312.	1.9	5
4	Optimal structure of groups under exposure to fake news. Applied Network Science, 2019, 4, .	0.8	3
5	The connections between art and science in Antarctica: Activating Science*Art. Polar Record, 2019, 55, 289-296.	0.4	11
6	Role of Knowledge Networks and Boundary Organizations in Coproduction: A Short History of a Decision-Support Tool and Model for Adapting Multiuse Reservoir and Water-Energy Governance to Climate Change in California. Weather, Climate, and Society, 2019, 11, 823-849.	0.5	4
7	Zinc and iron fortification in cassava. Nature Biotechnology, 2019, 37, 130-132.	9.4	6
8	Preventive Medicine for Person, Place, and Planet: Revisiting the Concept of High-Level Wellness in the Planetary Health Paradigm. International Journal of Environmental Research and Public Health, 2019, 16, 238.	1.2	16
9	A Little Knowledge is a Dangerous Thing: Excess Confidence Explains Negative Attitudes Towards Science. SSRN Electronic Journal, 2019, , .	0.4	2
10	Fake science and the knowledge crisis: ignorance can be fatal. Royal Society Open Science, 2019, 6, 190161.	1.1	70
11	The Science of Science Communication III. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7632-7633.	3.3	14
12	Narrative Medicine Meets Planetary Health: Mindsets Matter in the Anthropocene. Challenges, 2019, 10, 17.	0.9	10
13	Scientists in the Politicoscientific Community: Beyond the Lorax. Annals of the Entomological Society of America, 2019, 112, 57-61.	1.3	1
14	Conversations Surrounding the Use of DNA Tests in the Family Reunification of Migrants Separated at the United States-Mexico Border in 2018. Frontiers in Genetics, 2019, 10, 1232.	1.1	4
15	Misinformation and disinformation in science: Examining the social diffusion of rumours about GMOs. Cultures of Science, 2019, 2, 327-340.	0.4	16
16	<i>Proceedings of the National Academy of Sciences</i> â€”Its evolution and adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 704-706.	3.3	2
17	Comments on â€œFactors affecting global flow of scientific knowledge in environmental sciencesâ€•by Sonne et al. (2020). Science of the Total Environment, 2020, 721, 136454.	3.9	7
18	Policy expertise and use of evidence in a populist era. Australian Journal of Political Science, 2020, 55, 110-121.	1.0	10

#	ARTICLE	IF	CITATIONS
19	Teacher perceptions of state standards and climate change pedagogy: opportunities and barriers for implementing consensus-informed instruction on climate change. <i>Climatic Change</i> , 2020, 158, 377-392.	1.7	8
20	Truth in science and in molecular recognition, post-truth in human affairs. <i>Journal of Molecular Recognition</i> , 2020, 33, e2827.	1.1	3
21	Agricultural technology is unavoidable, directional, combinatory, disruptive, unpredictable and has unintended consequences. <i>Outlook on Agriculture</i> , 2020, 49, 293-297.	1.8	3
22	Susceptibility to misinformation about COVID-19 around the world. <i>Royal Society Open Science</i> , 2020, 7, 201199.	1.1	888
23	Competing local and global interactions in social dynamics: How important is the friendship network?. <i>Chaos</i> , 2020, 30, 073105.	1.0	5
24	Trust and the Media: Perceptions of Climate Change News Sources Among US College Students. <i>Postdigital Science and Education</i> , 2021, 3, 910-933.	4.3	11
25	COVID Study Circle: An Experiment in Forming a Digital Collective During a Pandemic. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 647-651.	0.9	0
26	Hate Speech and the Polarization of Japanese National Newspapers. <i>Social Science Japan Journal</i> , 2020, 23, 259-279.	0.5	7
27	Online disinformation on Facebook: the spread of fake news during the Portuguese 2019 election. <i>Journal of Contemporary European Studies</i> , 2022, 30, 297-312.	1.4	19
28	Asymmetric participation of defenders and critics of vaccines to debates on French-speaking Twitter. <i>Scientific Reports</i> , 2020, 10, 6599.	1.6	19
29	Effects of Information Veracity and Message Frames on Information Dissemination: A Case Study of 2016 Zika Epidemic Discussion on Twitter. <i>Health Communication</i> , 2021, 36, 1560-1570.	1.8	7
30	Reconceptualizing nature of science education in the age of social media. <i>Science Education</i> , 2020, 104, 641-666.	1.8	96
31	Correcting Bias in Perceptions of Public Opinion Among American Elected Officials: Results from Two Field Experiments. <i>British Journal of Political Science</i> , 2021, 51, 1792-1800.	2.2	17
32	#JunkScience: Investigating pseudoscience disinformation in the Russian Internet Research Agency tweets. <i>Public Understanding of Science</i> , 2020, 29, 459-472.	1.6	14
33	Research Trends: Advanced approaches for a better understanding of scientific knowledge transfer in forest and forest-related policy. <i>Forest Policy and Economics</i> , 2020, 114, 102165.	1.5	16
34	Preface of Special Issue "Cares in the Age of Communication: Health Education and Healthy Lifestyles" Social Media and Health Communication in a Pandemic?. <i>European Journal of Investigation in Health, Psychology and Education</i> , 2020, 10, 575-578.	1.1	2
35	Ideological diversity, hostility, and discrimination in philosophy. <i>Philosophical Psychology</i> , 2020, 33, 511-548.	0.5	19
36	Blurred Shots: Investigating the Information Crisis Around Vaccination in Italy. <i>American Behavioral Scientist</i> , 2021, 65, 351-370.	2.3	14

#	ARTICLE	IF	CITATIONS
37	The mass, fake news, and cognition security. <i>Frontiers of Computer Science</i> , 2021, 15, 1.	1.6	10
38	The pharmacist's active role in combating COVID-19 medication misinformation. <i>Journal of the American Pharmacists Association: JAPhA</i> , 2021, 61, e71-e74.	0.7	37
39	Meaning-Making in Science Communication: A Case for Precision in Word Choice. <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01794.	0.2	4
40	Are you passing along something true or false? Dissemination of social media messages about genetically modified organisms. <i>Public Understanding of Science</i> , 2021, 30, 285-301.	1.6	7
42	How (many) descriptive claims about political polarization exacerbate polarization. <i>Journal of Social and Political Psychology</i> , 2021, 9, 24-36.	0.6	3
43	Reflections on hateful responses to research on hate in the United States. <i>Public Understanding of Science</i> , 2021, 30, 797-806.	1.6	0
44	Speaking my truth: Why personal experiences can bridge divides but mislead. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	23
45	Web of lies: a tool for determining the limits of verification in preventing the spread of false information on networks. <i>Scientific Reports</i> , 2021, 11, 3845.	1.6	0
46	Understanding and responding to challenges students face when engaging in carbon cycle pool-and-flux reasoning. <i>Journal of Environmental Education</i> , 2021, 52, 98-117.	1.0	6
47	“Brave New World” of Fake News: How It Works. <i>Javnost</i> , 2021, 28, 426-443.	0.7	11
48	Misinformation in and about science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	118
49	The Verification of Ecological Citizen Science Data: Current Approaches and Future Possibilities. <i>Citizen Science: Theory and Practice</i> , 2021, 6, 12.	0.6	10
50	Transparency of informed consent in pilot and feasibility studies is inadequate: a single-center quality assurance study. <i>Pilot and Feasibility Studies</i> , 2021, 7, 96.	0.5	2
51	Why the backfire effect does not explain the durability of political misperceptions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	67
52	Trust in science increases conservative support for social distancing. <i>Group Processes and Intergroup Relations</i> , 2021, 24, 680-697.	2.4	30
53	COVID-19 and the Paradox of Scientific Advice. <i>Perspectives on Politics</i> , 2022, 20, 562-576.	0.2	10
54	Total SciComm: A Strategy for Communicating Open Science. <i>Publications</i> , 2021, 9, 31.	1.9	5
55	How Are the Links between Alcohol Consumption and Breast Cancer Portrayed in Australian Newspapers?: A Paired Thematic and Framing Media Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7657.	1.2	5

#	ARTICLE	IF	CITATIONS
56	The attributes of the images representing the SARS-CoV-2 coronavirus affect people's perception of the virus. <i>PLoS ONE</i> , 2021, 16, e0253738.	1.1	3
57	Design in biology and rational design in vaccinology: A conceptual analysis. <i>Methods</i> , 2021, 195, 120-127.	1.9	3
58	Measuring coordinated versus spontaneous activity in online social movements. <i>New Media and Society</i> , 0, , 146144482110411.	3.1	4
59	The simple regularities in the dynamics of online news impact. <i>Journal of Computational Social Science</i> , 0, , 1.	1.4	0
60	Media Representations of Science during the First Wave of the COVID-19 Pandemic: A Qualitative Analysis of News and Social Media on the Island of Ireland. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9542.	1.2	7
61	Characterization of Vaccine Tweets During the Early Stage of the COVID-19 Outbreak in the United States: Topic Modeling Analysis. <i>JMIR Infodemiology</i> , 2021, 1, e25636.	1.0	13
62	From anxiety to control: Mask-wearing, perceived marketplace influence, and emotional well-being during the COVID-19 pandemic. <i>Journal of Consumer Affairs</i> , 2022, 56, 97-119.	1.2	20
63	Novel approach to delivering pro-environmental messages significantly shifts norms and motivation, but children are not more effective spokespeople than adults. <i>PLoS ONE</i> , 2021, 16, e0255457.	1.1	0
64	Birds of a feather are persuaded together: Perceived source credibility mediates the effect of political bias on misinformation susceptibility. <i>Personality and Individual Differences</i> , 2022, 185, 111269.	1.6	34
65	Public perception of air pollution sources across Europe. <i>Ambio</i> , 2021, 50, 1150-1158.	2.8	31
66	Fake news game confers psychological resistance against online misinformation. <i>Palgrave Communications</i> , 2019, 5, .	4.7	279
67	Credibility of climate change denial in social media. <i>Palgrave Communications</i> , 2019, 5, .	4.7	26
68	Peer Review Matters: Research Quality and the Public Trust. <i>Anesthesiology</i> , 2021, 134, 1-6.	1.3	36
69	Using interpersonal communication strategies to encourage science conversations on social media. <i>PLoS ONE</i> , 2020, 15, e0241972.	1.1	19
70	"Fake News" in Science Communication: Emotions and Strategies of Coping with Dissonance Online. <i>Media and Communication</i> , 2020, 8, 206-217.	1.1	25
71	Belief in Science Influences Physical Distancing in Response to COVID-19 Lockdown Policies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	58
72	Breaking Harmony Square: A game that "inoculates" against political misinformation. , 2020, , .		43
73	Public support for government use of network surveillance: An empirical assessment of public understanding of ethics in science administration. <i>Public Understanding of Science</i> , 2021, , 096366252110495.	1.6	1

#	ARTICLE	IF	CITATIONS
74	Science skepticism reduced compliance with COVID-19 shelter-in-place policies in the United States. <i>Nature Human Behaviour</i> , 2021, 5, 1519-1527.	6.2	29
75	Collaboration, Complexity and Innovation: The Stories We Tell Matter. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
76	Keeping It Real in the Era of Bots and Trolls. <i>Journal of Contemporary Pharmacy Practice</i> , 2019, 66, 7-8.	0.2	0
77	Beware the neuromyths! A critical discussion on the "brainification"™ of early childhood music. <i>International Journal of Music in Early Childhood</i> , 2020, 15, 11-24.	0.4	2
78	Scientists, presidents, and pandemics" comparing the science"politics nexus during the Zika virus and COVID-19 outbreaks. <i>Social Science Quarterly</i> , 2021, 102, 2482-2498.	0.9	6
79	Science as a Political Battlefield. <i>Advances in Public Policy and Administration</i> , 2020, , 29-53.	0.1	2
80	Disseminating Evidence to Policymakers: Accounting for Audience Heterogeneity. , 2021, , 27-48.		3
81	Disseminating Research News in HCI. , 2020, , .		10
82	Trust in researchers and researchers' statements in large carnivore conservation. <i>People and Nature</i> , 2022, 4, 260-273.	1.7	2
83	Effective Communication About Climate Change and Sea-Level Rise. <i>Coastal Research Library</i> , 2022, , 39-52.	0.2	0
85	Transferring Ethnopharmacological Results Back to Traditional Healers in Rural Indigenous Communities " The Ugandan Greater Mpigi Region Example. <i>Video Journal of Education and Pedagogy</i> , 2021, 6, 1-15.	0.2	4
86	A Citizen Science Community of Practice: Relational Patterns Contributing to Shared Practice. <i>Citizen Science: Theory and Practice</i> , 2022, 7, 3.	0.6	5
87	Wired to Doubt: Why People Fear Vaccines and Climate Change and Mistrust Science. <i>Frontiers in Medicine</i> , 2021, 8, 809395.	1.2	7
88	Politicization and COVID-19 vaccine resistance in the U.S.. <i>Progress in Molecular Biology and Translational Science</i> , 2022, 188, 81-100.	0.9	97
89	Effects of politicization on the practice of science. <i>Progress in Molecular Biology and Translational Science</i> , 2022, 188, 45-63.	0.9	5
91	Moral conviction: A challenge in the age of science politicization. <i>Progress in Molecular Biology and Translational Science</i> , 2022, 188, 195-214.	0.9	1
92	Mediatized Voices of Science: News Media Narratives of Science and Populism in the Philippines. <i>Journalism Studies</i> , 0, , 1-19.	1.2	2
94	Views from nowhere, somewhere and everywhere else: The tragedy of the horizon in the early Anthropocene. <i>Infrastructure Asset Management</i> , 2023, 10, 524-540.	1.2	2

#	ARTICLE	IF	CITATIONS
95	Principles for scientists working at the river scienceâ€­policy interface. <i>River Research and Applications</i> , 2022, 38, 819-831.	0.7	1
96	Risk communication and community engagement during COVID-19. <i>International Journal of Disaster Risk Reduction</i> , 2022, 74, 102903.	1.8	26
97	Fake news on the internet: a literature review, synthesis and directions for future research. <i>Internet Research</i> , 2022, 32, 1662-1699.	2.7	21
98	Public engagement for social transformation: Informing or Empowering?. <i>Environmental Science and Policy</i> , 2022, 132, 237-246.	2.4	2
99	Preprint articles as a tool for teaching data analysis and scientific communication. <i>PLoS ONE</i> , 2021, 16, e0261622.	1.1	1
100	The role of grandiose and vulnerable narcissism on mask wearing and vaccination during the COVID-19 pandemic. <i>Current Psychology</i> , 2022, , 1-11.	1.7	4
106	Psychological foundations and behavioral consequences of COVID-19 conspiracy theory beliefs: The Turkish case. <i>International Political Science Review</i> , 2023, 44, 587-606.	2.0	4
107	E-extremism: A conceptual framework for studying the online far right. <i>New Media and Society</i> , 0, , 146144482210983.	3.1	1
108	Advances in transparency and reproducibility in the social sciences. <i>Social Science Research</i> , 2022, 107, 102770.	1.1	5
109	Valuation of ecosystem services through offsets: Why are coastal ecosystems more valuable in Australia than in Brazil?. <i>Ecosystem Services</i> , 2022, 56, 101449.	2.3	2
110	Stewarding relations of trust: citizen scientist perspectives on fostering community trust in science. <i>Environmental Sociology</i> , 2023, 9, 31-50.	1.7	1
111	The Resources of Instructional Contexts: Examples From New Elementary Science Teachers. <i>Journal of Education</i> , 2024, 204, 276-289.	0.7	1
112	Anger can make fake news viral online. <i>Frontiers in Physics</i> , 0, 10, .	1.0	12
113	Social Media News Use and COVID-19 Misinformation Engagement: Survey Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e38944.	2.1	14
114	Die Inhaltsanalyse im Forschungsfeld der Risikoberichterstattung. , 2023, , 193-201.		0
115	Interventions to reduce partisan animosity. <i>Nature Human Behaviour</i> , 2022, 6, 1194-1205.	6.2	34
116	The reporting of pilot and feasibility studies in the top dental specialty journals is suboptimal. <i>Pilot and Feasibility Studies</i> , 2022, 8, .	0.5	0
117	Publishing, Perishing, and the Infodemic of Fake Science. , 2022, , 41-52.		0

#	ARTICLE	IF	CITATIONS
118	Promoting engagement with quality communication in social media. PLoS ONE, 2022, 17, e0275534.	1.1	2
119	Climate Stories: enabling and sustaining arts interventions in climate science communication. Geoscience Communication, 2022, 5, 339-354.	0.5	3
120	Health Security, Vaccine Hesitancy and Post-Truth: A Case of COVID-19 in Pakistan. Journal of Asian and African Studies, 0, , 002190962211303.	0.9	1
121	SciTweets - A Dataset and Annotation Framework for Detecting Scientific Online Discourse. , 2022, , .		0
122	Climate communication: How researchers navigate between scientific truth and media publics. Communication and the Public, 2023, 8, 29-44.	0.6	1
123	The effect of disinformation about COVID-19 on consumer confidence: Insights from a survey experiment. Journal of Behavioral and Experimental Economics, 2023, 102, 101968.	0.5	2
124	Visual, Popular and Political: The Non-profit Influencer and the Public Sphere. Javnost, 2022, 29, 371-387.	0.7	1
125	Information overload: How hot topics distract from news--COVID-19 spread in the US. , 2023, 2, 20220051.		4
126	How to fulfill the expert role in public dialogue: The Dutch dialogue on human germline genetic modification as a case. Frontiers in Communication, 0, 7, .	0.6	0
127	Individual, intergroup and nation-level influences on belief in conspiracy theories. , 2023, 2, 85-97.		10
128	Playing God? Media coverage of CRISPR in the United States. Public Understanding of Science, 2023, 32, 504-521.	1.6	2
129	From neglect to stardom: how the rising popularity of stingless bees threatens diversity and meliponiculture in Mexico. Apidologie, 2022, 53, .	0.9	1
130	Six Human-Centered Artificial Intelligence Grand Challenges. International Journal of Human-Computer Interaction, 2023, 39, 391-437.	3.3	53
131	Towards inclusive international environmental communication scholarship: The role of Latin America. International Journal of Cultural Studies, 2023, 26, 372-391.	0.9	4
132	Punishment and Communication in the Post-Truth Society. Legal Studies in International, European and Comparative Criminal Law, 2023, , 173-190.	0.2	0
133	Supporting Democracy through Content-Neutral Social Media Policies. Journal of Science Policy & Governance, 2023, 22, .	0.1	0
134	â€œI invite you to take a sip from the golden fountain and confirm these statements for yourselfâ€™: preparing undergraduate science students to publicly address pseudoscientific news. International Journal of Science Education, Part B: Communication and Public Engagement, 2024, 14, 47-71.	0.9	0
135	The Legitimacy of Science. Annual Review of Sociology, 2023, 49, 263-279.	3.1	4

#	ARTICLE	IF	CITATIONS
136	Speech and Sign. , 2023, , 93-125.		0
137	Visible elements of Covid 19 representations: Aestheticization of the Coronavirus' Black Sun. CM Communication and Media, 2022, 17, 157-181.	0.4	0
168	Assumptions and contradictions shape public engagement on climate change. Nature Climate Change, 2024, 14, 126-133.	8.1	0
170	Do the Media Refuse Refused Knowledge?. , 2024, , 225-256.		0