Supplementary Material

Table 1: Overview

		Sample	
		n	%
Journal	Journal of Science Communication	86	21.3
	Public Understanding of Science	174	43.1
	Science Communication	144	35.6
Groups	Media effect sample	182	45.0
	Non-randomized public opinion research samples	77	19.1
	Randomized public opinion research samples	41	10.1
	Communicator samples	50	12.4
	Science communication audience samples	20	5.0
	Other samples	35	8.7
	N	404	100

Note: The table provides an overview of all papers included in our analysis.

Table 2: Papers analyzed

#	Authors	*Title*	*Journal*	*Year*
1	Achterberg, Peter; de Koster, Willem; van der Waal, Jeroen	A science confidence gap: Education, trust in scientific methods, and trust in scientific institutions in the United States, 2014	Public Understanding of Science	2017
2	Ahern, Lee; Connolly-Ahern, Colleen; Hoewe, Jennifer	Worldviews, Issue Knowledge, and the Pollution of a Local Science Information Environment	Science Communication	2016
3	Ahola, Salla	Why (not) disagree? Human values and the readiness to question experts' views	Public Understanding of Science	2017
4	Al-Eisawi, Zaynab; Jacoub, Khaldun; Alsukker, Akram	A large-scale study exploring understanding of the national premarital screening program among Jordanians: Is an at-risk marriage a valid option for Jordanians?	Public Understanding of Science	2021
5	Alessandro Strobbe; Michelle C. Chirinos-Arias; Joe Lucero; Enrique Rojas	The teaching of science communication in higher medical education in Peru in the context of the COVID-19 post-pandemic	Journal of Science Communication	2023
6	Alexandra L. Frank; Michael A. Cacciatore; Sara K. Yeo; Leona Yi-Fan Su	Wit meets wisdom: the relationship between satire and anthropomorphic humor on scientists' likability and legitimacy	Journal of Science Communication	2025
7	Alfred Chan; Chammika Udalagama	Exploring the use of positive humour as a tool in science communication: do science and non-science undergraduates differ in their receptiveness to humour in popular science articles?	Journal of Science Communication	2021

8	Amazeen, Michelle A.; Krishna, Arunima; Eschmann, Rob	Cutting the Bunk: Comparing the Solo and Aggregate Effects of Prebunking and Debunking Covid-19 Vaccine Misinformation	Science Communication	2022
9	Andrews, Emily A.; Walter, Nathan; Atad, Erga	Should We Retire the Concept of Source Credibility? An Experimental Exploration of When Credibility Is (and Is Not) Useful	Science Communication	2025
10	Anna Hilliard; Nicola Sugden; Kristin Bass; Chris Gunter	Survey-based analysis of a science of science communication scientific interest group: member feedback and perspectives on science communication	Journal of Science Communication	2025
11	Anne M. Land-Zandstra; Mara M. van Beusekom; Carl E. Koppeschaar; Jos M. van den Broek	Journal of Science Communication - Motivation and learning impact of Dutch flu-trackers	Journal of Science Communication	2016
12	Anzivino, Monia	Is public engagement gendered? An analytical proposal using some evidence from Italy	Public Understanding of Science	2021
13	Appiah, Bernard; Gastel, Barbara; Burdine, James N.; Russell, Leon H.	Science reporting in Accra, Ghana: Sources, barriers and motivational factors	Public Understanding of Science	2015
14	April A. Eichmeier; Luye Bao; Michael A. Xenos; Dominique Brossard; Dietram A. Scheufele	Fictional scenarios, real concerns: science fiction and perceptions of human genome editing	Journal of Science Communication	2023
15	Arlt, Dorothee; Wolling, Jens	Fukushima effects in Germany? Changes in media coverage and public opinion on nuclear power	Public Understanding of Science	2016
16	Arrese, Angel	Institutional and non-institutional news trust as predictors of COVID-19 beliefs: Evidence from three European countries	Public Understanding of Science	2024
17	Asako Miura; Mei Yamagata; Jin Higashijima; Toshiya Kobayashi; Masaki Nakamura	Who trusts in scientific research? Cross-national surveys of Japan, the United Kingdom, and the United States	Journal of Science Communication	2024
18	Asiyanbi, Adeniyi P.	I don't get this climate stuff!' Making sense of climate change among the corporate middle class in Lagos	Public Understanding of Science	2015
19	Axel Pfleger; Alexander Gerber; Alexander Struck	Strategic communication at the European Space Agency: juxtaposing strategy and public attitudes	Journal of Science Communication	2022
20	Bao, Luye; Calice, Mikhaila N.; Brossard, Dominique; Beets, Becca; Scheufele, Dietram A.; Rose, Kathleen M.	How institutional factors at US land-grant universities impact scientists' public scholarship	Public Understanding of Science	2023
21	Bao, Luye; Calice, Mikhaila N.; Brossard, Dominique; Scheufele, Dietram A.; Markowitz, Ezra M.	Are Productive Scientists More Willing to Engage With the Public?	Science Communication	2024
22	Baptiste Bedessem; Anne Dozi• res; Anne-Caroline Pr?vot; Romain Julliard	Science knowledge and trust in science in biodiversity citizen science projects	Journal of Science Communication	2023

23	Battistoli, B. F.	Evaluating elements of trust: Race and class in risk communication in post-Katrina New Orleans	Public Understanding of Science	2016
24	Beets, Becca; Brossard, Dominique; Scheufele, Dietram A.	A Mixed-Methods Study of Public Understanding of Scientific Uncertainty	Science Communication	2025
25	Bellamy, Rob	Public perceptions of climate tipping points	Public Understanding of Science	2023
26	Bertoldo, Raquel; Mays, Claire; Bohm, Gisela; Poortinga, Wouter; Poumadere, Marc; Tvinnereim, Endre; Arnold, Annika; Steentjes, Katharine; Pidgeon, Nick	Scientific truth or debate: On the link between perceived scientific consensus and belief in anthropogenic climate change	Public Understanding of Science	2019
27	Besley, John C.	The National Science Foundation's science and technology survey and support for science funding, 2006-2014	Public Understanding of Science	2018
28	Besley, John C. C.; Tiffany, Leigh Anne	What are you assessing when you measure trust in scientists with a direct measure?	Public Understanding of Science	2023
29	Besley, John C.; Downs, Martha R.	Ecologists Prioritize Listening to Community Perspectives When They See the Benefit: Norms and Self-Efficacy Beliefs Appear to Have Little Impact	Science Communication	2024
30	Besley, John C.; Dudo, Anthony; Yuan, Shupei	Scientists' views about communication objectives	Public Understanding of Science	2018
31	Besley, John C.; Dudo, Anthony; Yuan, Shupei; Lawrence, Frank	Understanding Scientists' Willingness to Engage	Science Communication	2018
32	Besley, John C.; Lee, Nicole M.; Pressgrove, Geah	Reassessing the Variables Used to Measure Public Perceptions of Scientists	Science Communication	2021
33	Besley, John C.; Newman, Todd P.; Dudo, Anthony; Tiffany, Leigh Anne	Exploring scholars' public engagement goals in Canada and the United States	Public Understanding of Science	2020
34	Besley, John C.; Newman, Todd P.; Dudo, Anthony; Tiffany, Leigh Anne	American Scientists' Willingness to Use Different Communication Tactics	Science Communication	2021
35	Bethany Alender	Understanding volunteer motivations to participate in citizen science projects: a deeper look at water quality monitoring	Journal of Science Communication	2016
36	Bieniek-Tobasco, Ashley; Rimal, Rajiv N.; McCormick, Sabrina; Harrington, Cherise B.	The Power of Being Transported: Efficacy Beliefs, Risk Perceptions, and Political Affiliation in the Context of Climate Change	Science Communication	2020
37	Bingaman, James; Brewer, Paul R.; Paintsil, Ashley; Wilson, David C.	Siri, Show Me Scary Images of AI: Effects of Text-Based Frames and Visuals on Support for Artificial Intelligence	Science Communication	2021
38	Bingbing Zhang; Michael Schmierbach	Comparing the efficacy of narrative and didactic inoculation in combating climate change misinformation: impact on misbeliefs and intention to share misinformation	Journal of Science Communication	2025

39	Bode, Leticia; Vraga, Emily K.; Tully, Melissa	Correcting Misperceptions About Genetically Modified Food on Social Media: Examining the Impact of Experts, Social Media Heuristics, and the Gateway Belief Model	Science Communication	2021
40	Boersma, Reginald; Poortvliet, P. Marijn; Gremmen, Bart	The elephant in the room: How a technology's name affects its interpretation	Public Understanding of Science	2019
41	Bolsen, Toby; Palm, Risa; Kingsland, Justin T.	Counteracting Climate Science Politicization With Effective Frames and Imagery	Science Communication	2019
42	Bolsen, Toby; Palm, Risa; Kingsland, Justin T.	The Impact of Message Source on the Effectiveness of Communications About Climate Change	Science Communication	2019
43	Bozeman, Bryan B.; Condit, Celeste M.; Grossman, Gary D.	Do Conservation Films Generate Support for Conservation? A Case Study Using Transportation Theory and Hidden Rivers	Science Communication	2022
44	Brewer, Paul R.; Bingaman, James; Paintsil, Ashley; Wilson, David C.; Dawson, Wyatt	Media Use, Interpersonal Communication, and Attitudes Toward Artificial Intelligence	Science Communication	2022
45	Brewer, Paul R.; McKnight, Jessica	Climate as Comedy: The Effects of Satirical Television News on Climate Change Perceptions	Science Communication	2015
46	Bruno Pinto; Hauke Riesch	Are audiences receptive to humour in popular science articles? An exploratory study using articles on environmental issues	Journal of Science Communication	2017
47	Bullock, Olivia M.; Amill, Daniel Colon; Shulman, Hillary C.; Dixon, Graham N.	Jargon as a barrier to effective science communication: Evidence from metacognition	Public Understanding of Science	2019
48	Cacciatore, Michael A.; Becker, Amy B.; Anderson, Ashley A.; Yeo, Sara K.	Laughing With Science: The Influence of Audience Approval on Engagement	Science Communication	2020
49	Cacciatore, Michael A.; Browning, Nick; Scheufele, Dietram A.; Brossard, Dominique; Xenos, Michael A.; Corley, Elizabeth A.	Opposing ends of the spectrum: Exploring trust in scientific and religious authorities	Public Understanding of Science	2018
50	Calice, Mikhaila N.; Bao, Luye; Beets, Becca; Brossard, Dominique; Scheufele, Dietram A.; Feinstein, Noah Weeth; Heisler, Laura; Tangen, Travis; Handelsman, Jo	A triangulated approach for understanding scientists' perceptions of public engagement with science	Public Understanding of Science	2023
51	Camara, Montana; Munoz van den Eynde, Ana; Lopez Cerezo, Jose A.	Attitudes towards science among Spanish citizens: The case of critical engagers	Public Understanding of Science	2018
52	Carla Morais; Luciano Moreira; Ana Teixeira; Teresa Aguiar; AntÑnio Coelho; Vasco Pereira; Alexandre Jacinto; Marta Varzim; JoÜo C. Paiva; Miriam Rosa	Visitors come to experience science: towards a non-obtrusive evaluation method based on immersive virtual reality	Journal of Science Communication	2022

53	Carlisle, Daniel P.; Feetham, Pamela M.; Wright, Malcolm J.; Teagle, Damon A. H.	Public engagement with emerging technologies: Does reflective thinking affect survey responses?	Public Understanding of Science	2022
54	Chan, Esther	Are the religious suspicious of science? Investigating religiosity, religious context, and orientations towards science	Public Understanding of Science	2018
55	Chan, Esther; Mehta, Sharan Kaur	Fertilizing morality: How religiosity and orientations toward science shape the morality, immorality, and amorality of reproductive technologies	Public Understanding of Science	2022
56	Chang, Chingching	Seeking Scientific Health Information for Empowerment: Empowered-Get-More-Empowered Effects	Science Communication	2022
57	Chang, Chingching	Motivated Processing: How People Perceive News Covering Novel or Contradictory Health Research Findings	Science Communication	2015
58	Chang, Jeong-Heon; Kim, Sei-Hill; Kang, Myung-Hyun; Shim, Jae Chul; Ma, Dong Hoon	The gap in scientific knowledge and role of science communication in South Korea	Public Understanding of Science	2018
59	Chen, Anfan; Zhang, Xing; Jin, Jianbin	The Sagan Effect and Scientists' Public Outreach Participation in China: Multilayered Roles of Social Norms and Rewards	Science Communication	2023
60	Chen, Liang; Tang, Hongjie	Intention of health experts to counter health misinformation in social media: Effects of perceived threat to online users, correction efficacy, and self-affirmation	Public Understanding of Science	2023
61	Chen, Meng; Wang, Jilong; Yin, Zhian	Identifying the Active Ingredients of Climate Change Narratives: A Model of Temporal Perspective, Narrator Perspective, and Psychological Distance	Science Communication	2024
62	Chinn, Sedona; Hasell, Ariel; Roden, Jessica; Zichettella, Brianna	Threatening experts: Correlates of viewing scientists as a social threat	Public Understanding of Science	2024
63	Chinn, Sedona; Lane, Daniel S.; Philip, S.	In consensus we trust? Persuasive effects of scientific consensus communication	Public Understanding of Science	2018
64	Choi, Sukyoung; Lee, Chul-joo; Park, Andrew; Lee, Jung Ah	How the Public Makes Sense of Artificial Intelligence: The Interplay Between Communication and Discrete Emotions	Science Communication	2025
65	Chrystian Carletti; Luisa Massarani	Explainers of science centres and museums: a study on these stakeholders in the mediation between science and the public in Brazil	Journal of Science Communication	2015
66	Chu, Haoran; Yang, Janet Z.; Liu, Sixiao	Not My Pandemic: Solution Aversion and the Polarized Public Perception of COVID-19	Science Communication	2021
67	Chu, Haoran; Yuan, Shupei; Liu, Sixiao	Call them COVIDiots: Exploring the effects of aggressive communication style and psychological distance in the communication of COVID-19	Public Understanding of Science	2021

68	Cibele Maria Garcia de Aguiar; Sergio Luiz Monteiro Salles Filho; S?rgio Parreiras Pereira; Fernando Antonio Basile Colugnati	Are we on the right path? Insights from Brazilian universities on monitoring and evaluation of Public Communication of Science and Technology in the digital environment	Journal of Science Communication	2024
69	Clare Wilkinson; Elena Milani; Andy Ridgway; Emma Weitkamp	Roles, incentives, training and audiences for science communication: perspectives from female science communicators	Journal of Science Communication	2022
70	Clement, Pierre	Muslim teachers' conceptions of evolution in several countries	Public Understanding of Science	2015
71	Cohen, Elizabeth L.	Stars-They're Sick Like Us! The Effects of a Celebrity Exemplar on COVID-19-Related Risk Cognitions, Emotions, and Preventative Behavioral Intentions	Science Communication	2020
72	Coleman, Renita; Thorson, Esther; Chen, Weiyue	But Is That Mediator Really the Cause? An Experiment Manipulating Persuasion Knowledge as a Mediator for How Adaptive Frames Create Positive Responses to Climate Change News	Science Communication	2025
73	Comfort, Ryan N.; Gruszczynski, Mike	Indigenous Biologists and Culture Frames: Effects on Stereotype Perceptions and Conservation Policy Support in Environmental News	Science Communication	2025
74	Cooper, Emily A.; Farid, Hany	Does the Sun revolve around the Earth? A comparison between the general public and online survey respondents in basic scientific knowledge	Public Understanding of Science	2016
75	Cooper, Kathryn E.; Nisbet, Erik C.	Green Narratives: How Affective Responses to Media Messages Influence Risk Perceptions and Policy Preferences About Environmental Hazards	Science Communication	2016
76	Copple, Jacob; Bennett, Nichole; Dudo, Anthony; Moon, Won-Ki; Newman, Todd P.; Besley, John; Leavey, Nicole; Lindenfeld, Laura; Volpe, Chris	Contribution of Training to Scientists' Public Engagement Intentions: A Test of Indirect Relationships Using Parallel Multiple Mediation	Science Communication	2020
77	Corinna Oschatz; Marcus Maurer; J?rg Ha¤ler	Learning from the news about the consequences of climate change: an amendment of the cognitive mediation model	Journal of Science Communication	2019
78	Cortinas-Rovira, Sergi; Alonso-Marcos, Felipe; Pont-Sorribes, Carles; Escriba-Sales, Eudald	Science journalists' perceptions and attitudes to pseudoscience in Spain	Public Understanding of Science	2015
79	Crescenzi-Lanna, Lucrezia; Valente, Riccardo; Cataldi, Silvia; Martire, Fabrizio	Predictors of young people's anti-vaccine attitudes in the context of the COVID-19 pandemic	Public Understanding of Science	2024
80	Critchley, Christine; Nicol, Dianne; Otlowski, Margaret; Chalmers, Don	Public reaction to direct-to-consumer online genetic tests: Comparing attitudes, trust and intentions across commercial and conventional providers	Public Understanding of Science	2015
81	Critchley, Christine; Wiersma, Miriam; Lipworth, Wendy; Light, Edwina; Dive, Lisa; Kerridge, Ian	Examining diversity in public willingness to participate in offshore human biobanking: An Australian mixed methods study	Public Understanding of Science	2020

82	Cui, Xi	Livestreaming Science: How Awe-Inspiring Media Events May Foster Science Interest Through Meta-Emotional Gratification and Eudaimonic Appreciation	Science Communication	2025
83	Dan M. Kahan	The ñGateway Beliefî illusion: reanalyzing the results of a scientific-consensus messaging study	Journal of Science Communication	2017
84	Dan, Viorela; Osterheider, Angela; Raupp, Juliana	The Diffusion of Innovations in Agricultural Circles: An Explorative Study on Alternative Antimicrobial Agents	Science Communication	2019
85	David, Prabu; Choung, Hyesun; Seberger, John S.	Who is responsible? US Public perceptions of AI governance through the lenses of trust and ethics	Public Understanding of Science	2024
86	Davis, Lloyd S.; Leon, Bienvenido; Bourk, Michael J.; Finkler, Wiebke	Transformation of the media landscape: Infotainment versus expository narrations for communicating science in online videos	Public Understanding of Science	2020
87	de Kluis, Tirsa; Romp, Sanne; Land-Zandstra, Anne M.	Science museum educators' views on object-based learning: The perceived importance of authenticity and touch	Public Understanding of Science	2024
88	De Silva-Schmidt, Fenja; Brueggemann, Michael; Hoppe, Imke; Arlt, Dorothee	Learning about climate politics during COP 21: Explaining a diminishing knowledge gap	Public Understanding of Science	2022
89	Dieckmann, Nathan F.; Johnson, Branden B.; Gregory, Robin; Mayorga, Marcus; Han, Paul K. J.; Slovic, Paul	Public perceptions of expert disagreement: Bias and incompetence or a complex and random world?	Public Understanding of Science	2017
90	Dobos, Amy R.; Orthia, Lindy A.; Lamberts, Rod	Does a picture tell a thousand words? The uses of digitally produced, multimodal pictures for communicating information about Alzheimer's disease	Public Understanding of Science	2015
91	Dries, Charlotte; Mcdowell, Michelle; Rebitschek, Felix G.; Leuker, Christina	When evidence changes: Communicating uncertainty protects against a loss of trust	Public Understanding of Science	2024
92	Duan, Ran	Visualizing Climate Change: The Interplay of Construal Level, Threat Perception, and Coping Efficacy	Science Communication	2025
93	Duan, Ran; Takahashi, Bruno; Zwickle, Adam	How Effective Are Concrete and Abstract Climate Change Images? The Moderating Role of Construal Level in Climate Change Visual Communication	Science Communication	2021
94	Duan, Ran; Takahashi, Bruno; Zwickle, Adam	Abstract or concrete? The effect of climate change images on people's estimation of egocentric psychological distance	Public Understanding of Science	2019
95	Dunwoody, Sharon; Kohl, Patrice A.	Using Weight-of-Experts Messaging to Communicate Accurately About Contested Science	Science Communication	2017
96	Elizaveta P. Sheremet; Inna F. Deviatko	Plausibility of scientific findings: institutional factors in lay evaluations	Journal of Science Communication	2022
97	Emanuele Fantini; Emilie Buist	Searching for the Sources of the Nile through a podcast: what did we find?	Journal of Science Communication	2021

98	Emma Weitkamp; Elena Milani; Andy Ridgway; Clare Wilkinson	Exploring the digital media ecology: Insights from a study of healthy diets and climate change communication on digital and social media	Journal of Science Communication	2021
99	Emma Weitkamp; Ruth Larbey; Mahmoud Bukar Maina; Katy Petherick; Mustapha Shehu Muhammad; Abdullahi Tsanni; Xinyang Hong; Abdulhamid Al-Gazali	Science Communication practices and Trust in information sources amongst Nigerian scientists and journalists	Journal of Science Communication	2023
100	Esa V?liverronen; Sampsa Saikkonen	Science communicators intimidated: researchers' freedom of expression and the rise of authoritarian populism	Journal of Science Communication	2021
101	Esther Greussing; Lars Guenther; Ayelet Baram-Tsabari; Shakked Dabran-Zivan; Evelyn Jonas; Inbal Klein-Avraham; Monika Taddicken; Torben Agergaard; Becca Beets; Dominique Brossard; Anwesha Chakraborty; Antoinette Fage-Butler; Chun-Ju Huang; Siddharth Kankaria; Yin-Yueh Lo; Lindsey Middleton; Kristian H. Nielsen; Michelle Riedlinger; Hyunjin Song	Exploring temporal and cross-national patterns: The use of generative AI in science-related information retrieval across seven countries	Journal of Science Communication	2025
102	Fabian Zimmermann; Christine Petersen; Matthias Kohring	Who, if not science, can you trust to guide you through a crisis? The relationship between public trust in science and exposure to established and alternative online sources in times of crisis	Journal of Science Communication	2024
103	Falade, Bankole A.; Bauer, Martin W.	I have faith in science and in God': Common sense, cognitive polyphasia and attitudes to science in Nigeria	Public Understanding of Science	2018
104	Federica Cornali; Gianfranco Pomatto; Selena Agnella	Deliberating science in Italian high school. The case of the Scienza Attiva project	Journal of Science Communication	2017
105	Feldman, Lauren; Hart, P. Sol	Using Political Efficacy Messages to Increase Climate Activism: The Mediating Role of Emotions	Science Communication	2016
106	Flemming, Danny; Cress, Ulrike; Kimmerle, Joachim	Processing the Scientific Tentativeness of Medical Research: An Experimental Study on the Effects of Research News and User Comments in Online Media	Science Communication	2017
107	Fogg-Rogers, Laura; Bay, Jacquie L.; Burgess, Hannah; Purdy, Suzanne C.	Knowledge Is Power: A Mixed-Methods Study Exploring Adult Audience Preferences for Engagement and Learning Formats Over 3 Years of a Health Science Festival	Science Communication	2015
108	Fraser, Breanna C.; Sharman, Rachael; Nunn, Patrick D.	Associations of locus of control, information processing style and anti-reflexivity with climate change scepticism in an Australian sample	Public Understanding of Science	2023

109	Frauhammer, Luna T.; Neubaum, German	The Effects of Climate Change Meta-Knowledge on Selective Exposure, Selective Elaboration, and Behavioral Intentions	Science Communication	2025
110	Fuchslin, Tobias; Schafer, Mike S.; Metag, Julia	Who wants to be a citizen scientist? Identifying the potential of citizen science and target segments in Switzerland	Public Understanding of Science	2019
111	Fung, Timothy K. F.; Leung, Ho Man; Zhou, Xiyuan; Zheng, Shenting	What Might Happen With Generative AI? Examining the Role of Prefactual Thinking in the Cognitive Mediation Model in the Context of Emerging Technologies	Science Communication	2025
112	Gabriela Reznik; Carla Almeida	"We are capable and we must not be silent!": the science-theatre interface as a catalyst for female empowerment	Journal of Science Communication	2023
113	Geiger, Nathaniel; Swim, Janet K.; Fraser, John; Flinner, Kate	Catalyzing Public Engagement With Climate Change Through Informal Science Learning Centers	Science Communication	2017
114	Geraldine Klaus; Lisa Oswald; Andreas Ernst; Christine Merk	Effects of opinion statements on laypeopleÍs acceptance of a climate engineering technology. Comparing the source credibility of researchers, politicians and a citizensÍ jury	Journal of Science Communication	2021
115	Getson, Jackie M.; Sjostrand, Anders E.; Church, Sarah P.; Weiner, Roberta; Hatfield, Jerry L.; Prokopy, Linda S.	Do scientists have a responsibility to provide climate change expertise to mitigation and adaptation strategies? Perspectives from climate professionals	Public Understanding of Science	2021
116	Goldberg, Matthew H.; Gustafson, Abel; Ballew, Matthew T.; Rosenthal, Seth A.; Leiserowitz, Anthony	A Social Identity Approach to Engaging Christians in the Issue of Climate Change	Science Communication	2019
117	Goldfarb, Jillian L.; Kriner, Douglas L.	Building Public Support for Science Spending: Misinformation, Motivated Reasoning, and the Power of Corrections	Science Communication	2017
118	Gong, Yuanchao; Tian, Jianchi; Li, Yang; Zhou, Jie; Pongpiachan, Siwatt; Chen, Xuefeng; Sun, Yan	Mitigating Perceived Environment Insignificance Through Information Engagement	Science Communication	2023
119	Gong, Ziyang; Su, Leona Yi-Fan	Exploring the Influence of Interactive and Empathetic Chatbots on Health Misinformation Correction and Vaccination Intentions	Science Communication	2025
120	Greil, Arthur L.; Slauson-Blevins, Kathleen S.; Shreffler, Karina M.; Johnson, Katherine M.; Lowry, Michelle H.; Burch, Andrea R.; McQuillan, Julia	Decline in ethical concerns about reproductive technologies among a representative sample of US women	Public Understanding of Science	2017

121	Greussing, Esther; Guenther, Lars; Baram-Tsabari, Ayelet; Dabran-Zivan, Shakked; Jonas, Evelyn; Klein-Avraham, Inbal; Taddicken, Monika; Agergaard, Torben Esbo; Beets, Becca; Brossard, Dominique; Chakraborty, Anwesha; Fage-Butler, Antoinette; Huang, Chun-Ju; Kankaria, Siddharth; Lo, Yin-Yueh; Nielsen, Kristian H.; Riedlinger, Michelle; Song, Hyunjin	The perception and use of generative AI for science-related information search: Insights from a cross-national study	Public Understanding of Science	2025
122	Greussing, Esther; Kessler, Sabrina Heike; Boomgaarden, Hajo G.	Learning From Science News via Interactive and Animated Data Visualizations: An Investigation Combining Eye Tracking, Online Survey, and Cued Retrospective Reporting	Science Communication	2020
123	Guenther, Lars; Ruhrmann, Georg	Scientific evidence and mass media: Investigating the journalistic intention to represent scientific uncertainty	Public Understanding of Science	2016
124	Guenther, Lars; Weingart, Peter	Promises and reservations towards science and technology among South African publics: A culture-sensitive approach	Public Understanding of Science	2018
125	Gustafson, Abel; Goldberg, Matthew H.; Lee, Sanguk; Remshard, Miriam; Luttrell, Andrew; Rosenthal, Seth A.; Leiserowitz, Anthony	Testing the Durability of Persuasion From Moral Appeals About Renewable Energy	Science Communication	2025
126	Gustafson, Abel; Rice, Ronald E.	The Effects of Uncertainty Frames in Three Science Communication Topics	Science Communication	2019
127	Han, Jiyoung; Kim, Yungwook	Defeating Merchants of Doubt: Subjective certainty and self-affirmation ameliorate attitude polarization via partisan motivated reasoning	Public Understanding of Science	2020
128	Han, Jiyoung; Lee, Eun-Ju	Polarization or Mainstreaming? How COVID-19 News Exposure Affects Perceived Seriousness of the Pandemic and the Susceptibility to COVID-19 Misinformation?	Science Communication	2023
129	Hardy, Bruce W.; Tallapragada, Meghnaa; Baik, Elizabeth Sungsoo; Koshy, Abraham	Issue ownership of science in the United States	Public Understanding of Science	2024
130	Hardy, Bruce W.; Tallapragada, Meghnaa; Besley, John C.; Yuan, Shupei	The Effects of the War on Science Frame on Scientists' Credibility	Science Communication	2019
131	Hart, P. Sol; Feldman, Lauren	The Benefit of Focusing on Air Pollution Instead of Climate Change: How Discussing Power Plant Emissions in the Context of Air Pollution, Rather than Climate Change, Influences Perceived Benefits, Costs, and Political Action for Policies to Limit Emissions	Science Communication	2021

132	Hart, P. Sol; Feldman, Lauren	The Impact of Climate Change-Related Imagery and Text on Public Opinion and Behavior Change	Science Communication	2016
133	Hart, P. Sol; Feldman, Lauren; Leiserowitz, Anthony; Maibach, Edward	Extending the Impacts of Hostile Media Perceptions: Influences on Discussion and Opinion Polarization in the Context of Climate Change	Science Communication	2015
134	Hase, Valerie; Schaefer, Mike S.; Metag, Julia; Bischofberger, Mirko; Henry, Luc	Engaging the public or asking your friends? Analysing science-related crowdfunding using behavioural and survey data	Public Understanding of Science	2022
135	Hayat, Tsahi; Hershkovitz, Arnon; Samuel-Azran, Tal	The independent reinforcement effect: The role diverse social ties play in the credibility assessment process	Public Understanding of Science	2019
136	Head, Katharine J.; Kasting, Monica L.; Sturm, Lynne A.; Hartsock, Jane A.; Zimet, Gregory D.	A National Survey Assessing SARS-CoV-2 Vaccination Intentions: Implications for Future Public Health Communication Efforts	Science Communication	2020
137	Helena Thuneberg; Hannu Salmi	To know or not to know: uncertainty is the answer. Synthesis of six different science exhibition contexts	Journal of Science Communication	2018
138	Hendriks, Friederike; Kienhues, Dorothe; Bromme, Rainer	Replication crisis = trust crisis? The effect of successful vs failed replications on laypeople's trust in researchers and research	Public Understanding of Science	2020
139	Hendriks, Friederike; Kienhues, Dorothe; Bromme, Rainer	Evoking vigilance: Would you (dis)trust a scientist who discusses ethical implications of research in a science blog?	Public Understanding of Science	2016
140	Hilgard, Joseph; Jamieson, Kathleen Hall	Does a Scientific Breakthrough Increase Confidence in Science? News of a Zika Vaccine and Trust in Science	Science Communication	2017
141	Hinnant, Amanda; Hu, Sisi; Hong, Yoorim; Young, Rachel	Contested Certainty and Credibility: The Effect of Personal Stories and Scientific Evidence in User Comments on News Story Evaluation and Relevance	Science Communication	2023
142	Ho, Shirley S.; Chuah, Agnes S. F.	Thinking, not talking, predicts knowledge level: Effects of media attention and reflective integration on public knowledge of nuclear energy	Public Understanding of Science	2022
143	Ho, Shirley S.; Wijaya, Stanley Arvan; Ou, Mengxue	Examining Muslims' Opinions Toward Cultured Meat in Singapore: The Influence of Presumed Media Influence and Halal Consciousness	Science Communication	2024
144	Hong, Hyehyun	Audience responses to television news coverage of medical advances: The mediating role of audience emotions and identification	Public Understanding of Science	2015
145	Houck, Aaron M.; King, Aaron S.; Taylor, J. Benjamin	The effect of experts on attitude change in public-facing political science: Scientific communication on term limits in the United States	Public Understanding of Science	2025
146	Huang, Guanxiong; Li, Kang; Li, Hairong	Show, Not Tell: The Contingency Role of Infographics Versus Text in the Differential Effects of Message Strategies on Optimistic Bias	Science Communication	2019

147	Huang, Yan	Crafting Persuasive Stories: How Uncertainty and Sidedness Influence Narrative Efficacy in Promoting Updated COVID-19 Vaccination	Science Communication	2025
148	Huang, Yan; Liu, Wenlin	Promoting COVID-19 Vaccination: The Interplay of Message Framing, Psychological Uncertainty, and Public Agency as a Message Source	Science Communication	2022
149	Huang, Yan; Wang, Weirui	Overcoming Confirmation Bias in Misinformation Correction: Effects of Processing Motive and Jargon on Climate Change Policy Support	Science Communication	2024
150	Huang, Yan; Yang, Chun	A Metacognitive Approach to Reconsidering Risk Perceptions and Uncertainty: Understand Information Seeking During COVID-19	Science Communication	2020
151	Huber, Brigitte; Barnidge, Matthew; Gil de Zuniga, Homero; Liu, James	Fostering public trust in science: The role of social media	Public Understanding of Science	2019
152	Hubner, Austin Y.; Bullock, Olivia M.	Why Science Should Have a Female Face: Female Experts Increase Liking, Competence, and Trust in Science	Science Communication	2025
153	Hwang, Yoori; Jeong, Se-Hoon	Information Insufficiency and Information Seeking: An Experiment	Science Communication	2016
154	Ikkatai, Yuko; Inoue, Atsushi; Minamizaki, Azusa; Kano, Kei; McKay, Euan; Yokoyama, Hiromi M.	Masculinity in the public image of physics and mathematics: a new model comparing Japan and England	Public Understanding of Science	2021
155	Iles, Irina A.; Gillman, Arielle S.; Platter, Heather N.; Ferrer, Rebecca A.; Klein, William M. P.	Investigating the Potential of Inoculation Messages and Self-Affirmation in Reducing the Effects of Health Misinformation	Science Communication	2021
156	Ilona M. B. Benneker; Nikki C. Lee; Sibel Altikula• ; Chiel van der Veen; Lydia Krabbendam; Nienke van Atteveldt	The reported effects of neuroscience literacy and belief in neuromyths among parents of adolescents	Journal of Science Communication	2023
157	Im, Dong-Hyeon; Chung, Ji-Bum; Kim, Eun-Sung; Moon, Ji-Won	Public perception of geothermal power plants in Korea following the Pohang earthquake: A social representation theory study	Public Understanding of Science	2021
158	Imke Hoppe; Monika Taddicken; Anne Reif	What do people know about climate change „ and how confident are they? On measurements and analyses of science related knowledge	Journal of Science Communication	2018
159	Iniguez-Gallardo, Veronica; Bride, Ian; Tzanopoulos, Joseph	Between concepts and experiences: understandings of climate change in southern Ecuador	Public Understanding of Science	2020
160	Ionica Smeets; Charlotte B. C. M. Egger; Sicco de Knecht; Anne M. Land-Zandstra; Aletta L. Meinsma; Ward Peeters; Sanne Romp; Julie Schoorl; Winnifred Wijnker; Alex Verkade	Citizens' perspectives on science communication	Journal of Science Communication	2025

161	Irene Celino; Gloria Re Calegari; Mario Scrocca; Jaime Zamorano; Esteban Gonzalez Guardia	Participant motivation to engage in a citizen science campaign: the case of the TESS network	Journal of Science Communication	2021
162	Jagadish Thaker; Brian Floyd	Co-benefits associated with public support for climate-friendly COVID-19 recovery policies and political activism	Journal of Science Communication	2021
163	Jana Laura Egelhofer; Christina Seeger; Alice Binder	The effects of witnessing harassment of scientists on public perceptions of science	Journal of Science Communication	2024
164	Jasmin Baake; Josephine Schmitt; Julia Metag	Balancing Realism and Trust: AI Avatars In Science Communication	Journal of Science Communication	2025
165	Javier de Sola	Science in the media: the scientific community's perception of the COVID-19 media coverage in Spain	Journal of Science Communication	2021
166	Jennings, Freddie J.; Russell, Frank M.	Civility, credibility, and health information: The impact of uncivil comments and source credibility on attitudes about vaccines	Public Understanding of Science	2019
167	Jensen, Jakob D.; Barbour, Joshua B.; Lillie, Helen M.; Ratcliff, Chelsea L.; Pokharel, Manusheela; King, Andy J.	Perceptions of Pandemic Messaging Across 36 Weeks: A Repeated Cross-Section Design With US Adults	Science Communication	2025
168	Jensen, Robin E.; Blumling, Allison N.	Justifying an ideal first pregnancy age: Vernacular science knowledge and the facilitation of lay argument	Public Understanding of Science	2018
169	Jiemin Looi; Shirley S. Ho	Spokespersons for science: examining social media influencers' popularization of controversial technologies on YouTube	Journal of Science Communication	2023
170	JoaquÕn M. Azagra-Caro; Vincenzo Pavone	The effect of scientific impact on science communication through art from the lens of deviance theories	Journal of Science Communication	2024
171	Johnson, Branden B.	Counting votes in public responses to scientific disputes	Public Understanding of Science	2018
172	Johnson, Branden B.; Dieckmann, Nathan F.	Lay Americans' views of why scientists disagree with each other	Public Understanding of Science	2018
173	Jonas, Mark; Kerwer, Martin; Chasiotis, Anita; Rosman, Tom	Indicators of trustworthiness in lay-friendly research summaries: Scientificness surpasses easiness	Public Understanding of Science	2024
174	Jonathan Roberts; Richard Milne; Anna Middleton; Christine Patch; Katherine Morley	Opportunities for poaching: using the public's enjoyment of popular culture to foster dialogues around genetics	Journal of Science Communication	2022
175	Joshua T. L. Anderson; Emily L. Howell; Michael A. Xenos; Dietram A. Scheufele; Dominique Brossard	Learning without seeking?: Incidental exposure to science news on social media & knowledge of gene editing	Journal of Science Communication	2021
176	Justus Henke	The new normal: The increasing adoption of generative AI in university communication	Journal of Science Communication	2025

177	Kaakinen, Johanna K.; Havu-Nuutinen, Sari; Haikio, Tuomo; Julku, Hanna; Koskela, Teija; Mikkila-Erdmann, Mirjamaija; Pihlajamaki, Milla; Pritup, Daria; Pulkkinen, Kirsi; Saarikivi, Katri; Simola, Jaana; Wikstroem, Valtteri	Science capital: Results from a Finnish population survey	Public Understanding of Science	2025
178	Kahlor, Lee Ann; Dudo, Anthony; Liang, Ming-Ching; Lazard, Allison J.; AbiGhannam, Niveen	Ethics Information Seeking and Sharing Among Scientists: The Case of Nanotechnology	Science Communication	2016
179	Kaiping Chen; Luye Bao; Anqi Shao; Pauline Ho; Shiyu Yang; Christopher D. Wirz; Dominique Brossard; Markus Brauer; Lori DiPrete Brown	How public perceptions of social distancing evolved over a critical time period: communication lessons learnt from the American state of Wisconsin	Journal of Science Communication	2020
180	Kalny, Callie; Walter, Nathan	Tipping the Scales of Psychological Reactance: A Closer Look at Imperative Language and the Role of Epistemic Certainty	Science Communication	2024
181	Kamila Navarro; Merryn McKinnon	Challenges of communicating science: perspectives from the Philippines	Journal of Science Communication	2020
182	Kamolpattana, Supara; Chen, Ganigar; Sonchaeng, Pichai; Wilkinson, Clare; Willey, Neil; Bultitude, Karen	Thai visitors' expectations and experiences of explainer interaction within a science museum context	Public Understanding of Science	2015
183	Kantack, Benjamin R.; Paschall, Collin E.	Perceptions of policy problems and solutions: Climate change and structural racism	Public Understanding of Science	2023
184	Kathryn Stofer; Savanna Turner; Joy N. Rumble; Brandon McFadden; Kevin Folta; Adithi Jeevan; Tracy Ouncap; Kirsten Hecht; Cierra Cummins; Robert Thiel	U.S. adult viewers of information treatments express overall positive views but some concerns about gene editing technology	Journal of Science Communication	2023
185	Kato-Nitta, Naoko; Maeda, Tadahiko; Iwahashi, Kensuke; Tachikawa, Masashi	Understanding the public, the visitors, and the participants in science communication activities	Public Understanding of Science	2018
186	Kelp, Nicole C.; Witt, Jessica K.; Sivakumar, Gayathri	To Vaccinate or Not? The Role Played by Uncertainty Communication on Public Understanding and Behavior Regarding COVID-19	Science Communication	2022
187	Kessler, Sabrina Heike; Schaefer, Mike S.; Johann, David; Rauhut, Heiko	Mapping mental models of science communication: How academics in Germany, Austria and Switzerland understand and practice science communication	Public Understanding of Science	2022
188	Kim Trollip; Michael Gastrow; Shandir Ramlagan; Yolande Shean	Harnessing multimodal and multilingual science communication to combat misinformation in a diverse country setting	Journal of Science Communication	2024

189	Kim, Hye Kyung; Ahn, Jisoo; Atkinson, Lucy; Kahlor, Lee Ann	Effects of COVID-19 Misinformation on Information Seeking, Avoidance, and Processing: A Multicountry Comparative Study	Science Communication	2020
190	Kim, Jarim; Lee, Jiyeon; Baek, Jinha; Ju, Jiyeon	Communicating uncertainties regarding COVID-19 vaccination: Moderating roles of trust in science, government, and society	Public Understanding of Science	2024
191	Kim, Nahyun; Skurka, Chris; Madden, Stephanie	The effects of self-disclosure and gender on a climate scientist's credibility and likability on social media	Public Understanding of Science	2024
192	Kimmerle, Joachim; Flemming, Danny; Feinkohl, Insa; Cress, Ulrike	How Laypeople Understand the Tentativeness of Medical Research News in the Media: An Experimental Study on the Perception of Information About Deep Brain Stimulation	Science Communication	2015
193	Klimmt, Christoph; Spreen, Nico	Bettering Biotech Foods' Foul Flavor: An Experiment on Correcting Citizens' Misconceptions About Genetic Modification	Science Communication	2024
194	Klinger, Kira; Metag, Julia; Schafer, Mike S.; Fuchslin, Tobias; Mede, Niels	Are science communication audiences becoming more critical? Reconstructing migration between audience segments based on Swiss panel data	Public Understanding of Science	2022
195	Koenig, Lars; Jucks, Regina	Hot topics in science communication: Aggressive language decreases trustworthiness and credibility in scientific debates	Public Understanding of Science	2019
196	Koso, Ayumi	The press club as indicator of science medialization: How Japanese research organizations adapt to domestic media conventions	Public Understanding of Science	2021
197	Kostka, Genia; Steinacker, Lea; Meckel, Miriam	Between security and convenience: Facial recognition technology in the eyes of citizens in China, Germany, the United Kingdom, and the United States	Public Understanding of Science	2021
198	Krause, Nicole M.	Placing trust in science: The urban-rural divide and Americans' feelings of warmth toward scientists	Public Understanding of Science	2023
199	Kunovich, Robert M.	Work and the public understanding of science	Public Understanding of Science	2024
200	Kuo, Christine; Koralesky, Katherine E.; von Keyserlingk, Marina A. G.; Weary, Daniel M.	Gene editing in animals: What does the public want to know and what information do stakeholder organizations provide?	Public Understanding of Science	2024
201	Lars Guenther; Justin T. Schr?der; Anne Reif; Janise BrÙck; Monika Taddicken; Peter Weingart; Evelyn Jonas	Intermediaries in the limelight: how exposure to trust cues in content about science affects public trust in science	Journal of Science Communication	2024
202	Lars K?nig; Priska Breves	Providing health information via Twitter: professional background and message style influence source trustworthiness, message credibility and behavioral intentions	Journal of Science Communication	2021

203	Lazard, Allison; Atkinson, Lucy	Putting Environmental Infographics Center Stage: The Role of Visuals at the Elaboration Likelihood Model's Critical Point of Persuasion	Science Communication	2015
204	Lee, Sangwon; Taylor, Marshall A.; Ahmed, Saifuddin; Moon, Won-Ki	Going beyond political ideology: A computational analysis of civic trust in science	Public Understanding of Science	2024
205	Lee, Soobum; Kim, Sei-Hill	Scientific Knowledge and Attitudes Toward Science in South Korea: Does Knowledge Lead to Favorable Attitudes?	Science Communication	2018
206	Li, Shu-Chu Sarrina	Lifestyles and gratifications obtained from news: Comparing science news with health news and political news	Public Understanding of Science	2019
207	Li, Wenbo; Xu, Shan; Zheng, Xia; Sun, Ruoyu	Bridging the Knowledge Gap in Artificial Intelligence: The Roles of Social Media Exposure and Information Elaboration	Science Communication	2024
208	Li, Zongya	Role of Affective Mediators in the Effects of Media Use on Proenvironmental Behavior	Science Communication	2021
209	Li, Zongya; Zhou, Qi; Zhang, Renwen	The Persuasion Effects of Vaccination Message: The Interactive Effects of Language Style, Source Type, and the Provision of Choice	Science Communication	2025
210	Liang, Xuan; Ho, Shirley S.; Brossard, Dominique; Xenos, Michael A.; Scheufele, Dietram A.; Anderson, Ashley A.; Hao, Xiaoming; He, Xiaoyu	Value predispositions as perceptual filters: Comparing of public attitudes toward nanotechnology in the United States and Singapore	Public Understanding of Science	2015
211	Liao, Mengqi; Sajjadi, Pejman; Sundar, S. Shyam	How Does VR Affect Emotional Appeal and Persuasiveness of Gain Versus Loss-Framed Messages?	Science Communication	2024
212	Lindy A. Orthia	How does science fiction television shape fans' relationships to science? Results from a survey of 575 ïDoctor WhoÍ viewers	Journal of Science Communication	2019
213	Link, Ann-Christine; Franca, Thais; Vandamme, Malte; Brenner, Thomas	Shifting Narratives: The Role of Science Slams in Climate Mobility Communication	Science Communication	2025
214	Link, Elena; Baumann, Eva; Schrimpff, Charlotte; Fisse, Tanja; Klimmt, Christoph	What Drives or Inhibits Individuals' Intention to Seek Information About Medical Innovations? Findings From an Online Survey Among German Residents	Science Communication	2024
215	Lisa F. Smith; Kimberly K. Arcand; Randall K. Smith; Jay Bookbinder; Jeffrey S. Smith	Capturing the many faces of an exploded star: communicating complex and evolving astronomical data	Journal of Science Communication	2017
216	Little, Hannah; Sulik, Justin	How do you argue with a science denial meme? Memed responses may be counter-productive for responding to science denial online	Public Understanding of Science	2025
217	Liu, Zhuling; Yang, Janet Zheng	For My Own Sake: The Role of Personal Relevance in Information Seeking	Science Communication	2023
218	Lo, Alex Y.	National income and environmental concern: Observations from 35 countries	Public Understanding of Science	2016

219	Lo, Alex Y.; Jim, C. Y.	Come rain or shine? Public expectation on local weather change and differential effects on climate change attitude	Public Understanding of Science	2015
220	Lo, Yin-Yueh; Peters, Hans Peter	Taiwanese life scientists less medialized than their Western colleagues	Public Understanding of Science	2015
221	Logemann, Hannah Timna; Tomczyk, Samuel	How Media Reports on COVID-19 Conspiracy Theories Impact Consensus Beliefs and Protective Action: A Randomized Controlled Online Trial	Science Communication	2023
222	Lu, Hang	The Role of Repeated Exposure and Message Fatigue in Influencing Willingness to Help Polar Bears and Support Climate Change Mitigation	Science Communication	2022
223	Lu, Hang; Chu, Haoran; Ma, Yanni	Experience, experts, statistics, or just science? Predictors and consequences of reliance on different evidence types during the COVID-19 infodemic	Public Understanding of Science	2021
224	Lucien Hanssen; Anne M. Dijkstra; Susanne Sleenhoff; Lynn J. Frewer; Jan M. Gutteling	Revisiting Public Debate on Genetic Modification and Genetically Modified Organisms. Explanations for contemporary Dutch public attitudes	Journal of Science Communication	2018
225	Luis Arroyo-Barriguete, Jose; Bellon Nunez-Mera, Carlos; Labrador Fernandez, Jesus; Luis De Nicolas, Victor	Dunning-Kruger effect and flat-earthers: An exploratory analysis	Public Understanding of Science	2023
226	Luisa Massarani; Luiz Felipe Fernandes Neves; Marta Entradas; Tim Lougheed; Martin W. Bauer	Perceptions of the impact of the COVID-19 pandemic on the work of science journalists: global perspectives	Journal of Science Communication	2021
227	Lukic, Petar; Zezelj, Iris	Delineating between scientism and science enthusiasm: Challenges in measuring scientism and the development of novel scale	Public Understanding of Science	2024
228	Luong, Kate T.; Garrett, R. Kelly; Slater, Michael D.	Promoting Persuasion With Ideologically Tailored Science Messages: A Novel Approach to Research on Emphasis Framing	Science Communication	2019
229	Lyons, Benjamin	Reducing Group Alignment in Factual Disputes? The Limited Effects of Social Identity Interventions	Science Communication	2018
230	Lyons, Benjamin A. A.; Merola, Vittorio; Reifler, Jason; Spaelti, Anna Katharina; Stedtnitz, Christine; Stoeckel, Florian	When experts matter: Variations in consensus messaging for vaccine and genetically modified organism safety	Public Understanding of Science	2024
231	Lyons, Benjamin A.; Hasell, Ariel; Tallapragada, Meghnaa; Jamieson, Kathleen Hall	Conversion messages and attitude change: Strong arguments, not costly signals	Public Understanding of Science	2019
232	Lyons, Benjamin; Hasell, Ariel	Communicating Republicans' Level of Support for Climate Policy Briefly Increases Personal Support in the United States	Science Communication	2024

233	Mackey, Cameron D.; Rios, Kimberly; Scheitle, Christopher P.; Corcoran, Katie E.; DiGregorio, Bernard D.	Science on the mind: Examining question ordering effects when asking about science on large-scale surveys	Public Understanding of Science	2024
234	Madelijn Strick; Stephanie Helfferich	Active ingredients of science communication impact: a quantitative study at a science festival	Journal of Science Communication	2023
235	Makarovs, Kirils; Achterberg, Peter	Science to the people: A 32-nation survey	Public Understanding of Science	2018
236	Makarovs, Kirils; Allum, Nick	Social identity and racial disparities in science literacy	Public Understanding of Science	2023
237	Marcio David Macedo da Silva; Ligia Terezinha Lopes Simonian	How advertising and sustainability dialog in Pan-Amazonia: the perspective of advertising professionals in Peru and Brazil	Journal of Science Communication	2016
238	MarÕa • lvarez-RementerÕa • lvarez; Gorka Roman Etxebarrieta; Maria Dosil Santamaria	How do we tackle the COVID-19 crisis? Mass media and psychological responses to the health crisis in Spain	Journal of Science Communication	2021
239	Markus Schug; Helena Bilandzic; Susanne Kinnebrock	Public perceptions of trustworthiness and authenticity towards scientists in controversial scientific fields	Journal of Science Communication	2024
240	Martin, Victoria Y.	Citizen Science as a Means for Increasing Public Engagement in Science: Presumption or Possibility?	Science Communication	2017
241	Martin, Victoria; Smith, Liam; Bowling, Alison; Christidis, Les; Lloyd, David; Pecl, Gretta	Citizens as Scientists: What Influences Public Contributions to Marine Research?	Science Communication	2016
242	Matthew S. VanDyke; Sara K. Yeo	Can media inspire public engagement with astronomy? Assessing information modalities and potential mechanisms for inspiration in a basic science context	Journal of Science Communication	2024
243	McDonald, Lisa; Barriault, Chantal; Merritt, Thomas	Effects of gender harassment on science popularization behaviors	Public Understanding of Science	2020
244	McGellin, Rockwell Tomson Lyon; Grand, Ann; Sullivan, Miriam	Stop avoiding the inevitable: The effects of anthropomorphism in science writing for non-experts	Public Understanding of Science	2021
245	Meaghan McKasy; Michael A. Cacciatore; Leona Yi-Fan Su; Sara K. Yeo; Liane OÍNeill	Operationalizing science literacy: an experimental analysis of measurement	Journal of Science Communication	2020
246	Mede, Niels G.; Howell, Emily L.; Schafer, Mike S.; Metag, Julia; Beets, Becca; Brossard, Dominique	Measuring Science Literacy in a Digital World: Development and Validation of a Multi-Dimensional Survey Scale	Science Communication	2025
247	Mede, Niels G.; Schaefer, Mike S.	Science-related populism declining during the COVID-19 pandemic: A panel survey of the Swiss population before and after the Coronavirus outbreak	Public Understanding of Science	2022

248	Mede, Niels G.; Schaefer, Mike S.; Ziegler, Ricarda; Weisskopf, Markus	The replication crisis in the public eye: Germans' awareness and perceptions of the (ir)reproducibility of scientific research	Public Understanding of Science	2021
249	Meirick, Patrick C.	Television News, Political Comedy, Party, and Political Knowledge in Global Warming Belief: Evidence From a Large-Scale Panel Survey	Science Communication	2022
250	Metag, Julia	What drives science media use? Predictors of media use for information about science and research in digital information environments	Public Understanding of Science	2020
251	Metag, Julia; Fuechslin, Tobias; Schafer, Mike S.	Global warming's five Germanys: A typology of Germans' views on climate change and patterns of media use and information	Public Understanding of Science	2017
252	Michalovich, Amir; Hershkovitz, Arnon	Assessing YouTube science news' credibility: The impact of web-search on the role of video, source, and user attributes	Public Understanding of Science	2020
253	Mike S. Sch?fer; Bastian Kremer; Niels G. Mede; Liliann Fischer	Trust in science, trust in ChatGPT? How Germans think about generative AI as a source in science communication	Journal of Science Communication	2024
254	Miller, Jon D.; Scott, Eugenie C.; Ackerman, Mark S.; Laspra, Belen; Branch, Glenn; Polino, Carmelo; Huffaker, Jordan S.	Public acceptance of evolution in the United States, 1985-2020	Public Understanding of Science	2022
255	Miyamoto, Keiko; Iwakuma, Miho; Nakayama, Takeo	Residents' awareness and attitudes about an ongoing community-based genome cohort study in Nagahama, Japan	Public Understanding of Science	2015
256	Momme, Jane Martha; Hendriks, Friederike; Enzingmueller, Carolin	From Participation to Trust? Understanding Trust Dynamics in Participatory Science Communication	Science Communication	2025
257	Moormann, Alexandra; Beniermann, Anna; Fiedler, Daniela	Natural history museum visitors' use of key concepts and misconceptions in written explanations of evolutionary scenarios	Public Understanding of Science	2025
258	Motta, Matt; Benegal, Salil	How pandemic-related changes in global attitudes toward the scientific community shape post-pandemic environmental opinion	Public Understanding of Science	2023
259	Moyer-Guse, Emily; Tchernev, John M.; Walther-Martin, Whitney	The Persuasiveness of a Humorous Environmental Narrative Combined With an Explicit Persuasive Appeal	Science Communication	2019
260	Myers, Teresa A.; Kotcher, John; Stenhouse, Neil; Anderson, Ashley A.; Maibach, Edward; Beall, Lindsey; Leiserowitz, Anthony	Predictors of trust in the general science and climate science research of US federal agencies	Public Understanding of Science	2017
261	Myrick, Jessica Gall; Ahern, Lee; Shao, Ruosi; Conlin, Jeff	Technology Name and Celebrity Endorsement Effects of Autonomous Vehicle Promotional Messages: Mechanisms and Moderators	Science Communication	2019

262	Nabi, Robin L.; Gustafson, Abel; Jensen, Risa	Framing Climate Change: Exploring the Role of Emotion in Generating Advocacy Behavior	Science Communication	2018
263	Namyeon Lee; Sungkyoung Lee	Effects of message frames and visual cues on cell-cultured meat communication: sensation seeking as a moderator	Journal of Science Communication	2024
264	Nan Li; Dominique Brossard; Dietram A. Scheufele; Paul H. Wilson; Kathleen M. Rose	Communicating data: interactive infographics, scientific data and credibility	Journal of Science Communication	2018
265	Nathanael Johnson; Glenn Sparks	Narrative misinformation from a credible source can be discredited with counternarrative	Journal of Science Communication	2024
266	Nauroth, Peter; Gollwitzer, Mario; Kozuchowski, Henrik; Bender, Jens; Rothmun, Tobias	The effects of social identity threat and social identity affirmation on laypersons' perception of scientists	Public Understanding of Science	2017
267	Neresini, Federico; Lorenzet, Andrea	Can media monitoring be a proxy for public opinion about technoscientific controversies? The case of the Italian public debate on nuclear power	Public Understanding of Science	2016
268	Newman, Eryn J.; Schwarz, Norbert	Good Sound, Good Research: How Audio Quality Influences Perceptions of the Research and Researcher	Science Communication	2018
269	Newman, Todd P.; Nisbet, Erik C.; Nisbet, Matthew C.	Climate change, cultural cognition, and media effects: Worldviews drive news selectivity, biased processing, and polarized attitudes	Public Understanding of Science	2018
270	Niemi, Mari K.; Pitkaenen, Ville	Gendered use of experts in the media: Analysis of the gender gap in Finnish news journalism	Public Understanding of Science	2017
271	Nina Wicke; Monika Taddicken	Listen to the audience(s)! Expectations and characteristics of expert debate attendants	Journal of Science Communication	2020
272	Noy, Shiri; O'Brien, Timothy L.	Science for good? The effects of education and national context on perceptions of science	Public Understanding of Science	2019
273	Nuria Saladie; Carolina Llorente; Gema Revuelta	Is training in science communication useful to find and practice a specialised job?	Journal of Science Communication	2023
274	O'Brien, Timothy L.	Gender and support for expert advisers and elected officials in the US public sphere	Public Understanding of Science	2018
275	Oh, Jeeyun; Sudarshan, Sabitha; Jin, Eunjoo; Nah, Soya; Yu, Na	How 360-Degree Video Influences Content Perceptions and Environmental Behavior: The Moderating Effect of Environmental Self-Efficacy	Science Communication	2020
276	Okamura, Keisuke	Dynamic development of public attitudes towards science policymaking	Public Understanding of Science	2016
277	Olivia F. McRae; Ellie Downing; Alice Motion; Chiara O'Reilly; Reyne Pullen	"Easy to join in your pyjamas": benefits and barriers of online science engagement at Australia's 2020 National Science Week	Journal of Science Communication	2022

278	Ophir, Yotam; Jamieson, Kathleen Hall	The effects of media narratives about failures and discoveries in science on beliefs about and support for science	Public Understanding of Science	2021
279	Ou, Mengxue; Ho, Shirley S.; Wijaya, Stanley A.	Harnessing AI to Address Misinformation on Cultivated Meat: The Impact of Chatbot Expertise and Correction Sidedness	Science Communication	2025
280	Paige Brown Jarreau	Science bloggers' self-perceived communication roles	Journal of Science Communication	2015
281	Palm, Risa; Kingsland, Justin T.; Bolsen, Toby	Framing Affects Support for the Development of Artificial Intelligence in the United States	Science Communication	2025
282	Papadelos, Pam; Beasley, Chris	What Is Valued and What Counts: Relationality, Gender, and Science Communication in Scientific Societies	Science Communication	2025
283	Park, Hyung Wook	South Koreans' responses to evolution and creationism: A survey and its implications	Public Understanding of Science	2022
284	Pasek, Josh	It's not my consensus: Motivated reasoning and the sources of scientific illiteracy	Public Understanding of Science	2018
285	Paul R. Brewer; Liam Cuddy	Who Thinks We'll Be Uploading Minds on Terraformed Planets? Science Fiction, Science News, and Attitudes toward Speculative Technologies	Journal of Science Communication	2025
286	Pavel BÕna; Fredrik Broun?us; Dick Kasperowski; Niclas Hagen; Martin Bergman; Gustav Bohlin; Mari J?nsson; Stephen Coulson; Tim Hofmeester	Awareness, views and experiences of Citizen Science among Swedish researchers „ two surveys	Journal of Science Communication	2021
287	Pechar, Emily; Bernauer, Thomas; Mayer, Frederick	Beyond Political Ideology: The Impact of Attitudes Towards Government and Corporations on Trust in Science	Science Communication	2018
288	Peng, Yilang	The role of ideological dimensions in shaping acceptance of facial recognition technology and reactions to algorithm bias	Public Understanding of Science	2023
289	Peter, Christina; Koch, Thomas	When Debunking Scientific Myths Fails (and When It Does Not): The Backfire Effect in the Context of Journalistic Coverage and Immediate Judgments as Prevention Strategy	Science Communication	2016
290	Peterman, Karen; Evia, Jane Robertson; Cloyd, Emily; Besley, John C.	Assessing Public Engagement Outcomes by the Use of an Outcome Expectations Scale for Scientists	Science Communication	2017
291	Petit, John; Li, Cong; Millet, Barbara; Ali, Khudejah; Sun, Ruoyu	Can We Stop the Spread of False Information on Vaccination? How Online Comments on Vaccination News Affect Readers' Credibility Assessments and Sharing Behaviors	Science Communication	2021
292	Petra B?ttig-Frey; Mirjam West; Rahel Skelton; Verena Berger	How to save the world with zombies? „ A scientainment approach to engage young people	Journal of Science Communication	2023

293	Pinto, Bruno; Marcal, David; Vaz, Sofia G.	Communicating through humour: A project of stand-up comedy about science	Public Understanding of Science	2015
294	Pjesivac, Ivanka; Hayslett, Marlit A.; Binford, Matthew T.	To Eat or Not to Eat: Framing of GMOs in American Media and Its Effects on Attitudes and Behaviors	Science Communication	2020
295	Post, Senja	Communicating science in public controversies: Strategic considerations of the German climate scientists	Public Understanding of Science	2016
296	Post, Senja; Bienzeisler, Nils; Lohoefener, Mareike	A desire for authoritative science? How citizens' informational needs and epistemic beliefs shaped their views of science, news, and policymaking in the COVID-19 pandemic	Public Understanding of Science	2021
297	Post, Senja; Maier, Michaela	Stakeholders' rationales for representing uncertainties of biotechnological research	Public Understanding of Science	2016
298	Pullman, Ashley; Chen, Michelle Y.; Zou, Danjie; Hives, Benjamin A.; Liu, Yan	Researching multiple publics through latent profile analysis: Similarities and differences in science and technology attitudes in China, Japan, South Korea and the United States	Public Understanding of Science	2019
299	Ratcliff, Chelsea L.; Fleerackers, Alice; Wicke, Rebekah; King, Andy J.; Jensen, Jakob D.	Using Preprint Sources in Science News: Do Transparent Disclosures Enhance Credibility?	Science Communication	2025
300	Reif, Anne; Taddicken, Monika; Guenther, Lars; Schroeder, Justin T.; Weingart, Peter	The Public Trust in Science Scale: A Multilevel and Multidimensional Approach	Science Communication	2025
301	Rekker, Roderik	A four-level model of political polarization over science: Evidence from 10 European countries	Public Understanding of Science	2025
302	Retzbach, Joachim; Otto, Lukas; Maier, Michaela	Measuring the perceived uncertainty of scientific evidence and its relationship to engagement with science	Public Understanding of Science	2016
303	Reyes Cordova, Rodrigo	Political ideology-driven perceptions of experts and their claims	Public Understanding of Science	2025
304	Reyes, Joseph Anthony L.	Cross-section analyses of attitudes towards science and nature from the International Social Survey Programme 1993, 2000, and 2010 surveys	Public Understanding of Science	2015
305	Reymund Flores; Xavier Venn Asuncion	Toward an improved risk/crisis communication in this time of COVID-19 pandemic: a baseline study for Philippine local government units	Journal of Science Communication	2020
306	Rickard, Laura N.; Yang, Janet Z.; Liu, Sixiao; Boze, Tabitha	Fish Tales: How Narrative Modality, Emotion, and Transportation Influence Support for Sustainable Aquaculture	Science Communication	2021
307	Riggs, Elizabeth E.; Shulman, Hillary C.; Lopez, Rachel	Using infographics to reduce the negative effects of jargon on intentions to vaccinate against COVID-19	Public Understanding of Science	2022
308	Rodgers, Shelly; Wang, Ze; Schultz, Jack C.	A Scale to Measure Science Communication Training Effectiveness	Science Communication	2020

309	Roh, Sungjong; Rickard, Laura N.; McComas, Katherine A.; Decker, Daniel J.	Public understanding of One Health messages: The role of temporal framing	Public Understanding of Science	2018
310	Rosman, Tom; Bosnjak, Michael; Silber, Henning; Kossmann, Joanna; Heycke, Tobias	Open science and public trust in science: Results from two studies	Public Understanding of Science	2022
311	Rosman, Tom; Groesser, Sianna	Belief updating when confronted with scientific evidence: Examining the role of trust in science	Public Understanding of Science	2024
312	Ross, Ashley D.; Struminger, Rhonda; Winking, Jeffrey; Wedemeyer-Strombel, Kathryn R.	Science as a Public Good: Findings From a Survey of March for Science Participants	Science Communication	2018
313	Ruth, Taylor K.; Rumble, Joy N.; Lamm, Alexa J.; Irani, Traci; Ellis, Jason D.	Are American's Attitudes Toward GM Science Really Negative? An Academic Examination of Attitudes and Willingness to Expose Attitudes	Science Communication	2019
314	Ruzi, Selina A.; Smith, Adrian A.; Lee, Nicole M.	Communicating biodiversity research on YouTube: An experimental comparison of scientists and third-party presenters	Public Understanding of Science	2025
315	Sam Illingworth; Emma M. Lewis; Carl J. Percival	Does attending a large science event enthuse young people about science careers	Journal of Science Communication	2015
316	Sample, Matthew; Sattler, Sebastian; Boehlen, Wren; Racine, Eric	Brain-computer interfaces, disability, and the stigma of refusal: A factorial vignette study	Public Understanding of Science	2023
317	Sander van der Linden; Anthony Leiserowitz; Edward Maibach	Gateway illusion or cultural cognition confusion	Journal of Science Communication	2017
318	Sanz Merino, Noemi; Tarhuni Navarro, Daniela H.	Attitudes and perceptions of Conacyt researchers towards public communication of science and technology	Public Understanding of Science	2019
319	Sanz-Menendez, Luis; Cruz-Castro, Laura	The credibility of scientific communication sources regarding climate change: A population-based survey experiment	Public Understanding of Science	2019
320	Sanz-Menendez, Luis; Van Ryzin, Gregg G.	Economic crisis and public attitudes toward science: A study of regional differences in Spain	Public Understanding of Science	2015
321	Sapp, Stephen G.; Dorius, Shawn F.; Bertelson, Katharine A.; Harper, Shannon B.	Public support for government use of network surveillance: An empirical assessment of public understanding of ethics in science administration	Public Understanding of Science	2022
322	Sara K. Yeo; Andrew R. Binder; Michael F. Dahlstrom; Dominique Brossard	An inconvenient source? Attributes of science documentaries and their effects on information-related behavioral intentions	Journal of Science Communication	2018
323	Schafer, Mike S.; Fuchslin, Tobias; Metag, Julia; Kristiansen, Silje; Rauchfleisch, Adrian	The different audiences of science communication: A segmentation analysis of the Swiss population's perceptions of science and their information and media use patterns	Public Understanding of Science	2018

324	Scheitle, Christopher P.; Ecklund, Elaine Howard	The influence of science popularizers on the public's view of religion and science: An experimental assessment	Public Understanding of Science	2017
325	Scheitle, Christopher P.; Guthrie, Sara K.	Public responses to scientific research: Does disciplinary attribution matter?	Public Understanding of Science	2019
326	Scheitle, Christopher P.; Johnson, David R.; Ecklund, Elaine Howard	Scientists and religious leaders compete for cultural authority of science	Public Understanding of Science	2018
327	Schmid, Philipp; Betsch, Cornelia	Benefits and Pitfalls of Debunking Interventions to Counter mRNA Vaccination Misinformation During the COVID-19 Pandemic	Science Communication	2022
328	Schmid-Petri, Hannah; Buerger, Moritz	The effect of misinformation and inoculation: Replication of an experiment on the effect of false experts in the context of climate change communication	Public Understanding of Science	2022
329	Schug, Markus; Bilandzic, Helena; Kinnebrock, Susanne	Endorsement of scientific norms among non-scientists: The role of science news consumption, political ideology, and science field	Public Understanding of Science	2025
330	Schuppli, Catherine A.; Molento, Carla F. M.; Weary, Daniel M.	Understanding attitudes towards the use of animals in research using an online public engagement tool	Public Understanding of Science	2015
331	Selina A. Beckmann; Elena Link; Marko Bachl	"ChatGPT, is the influenza vaccination useful?" Comparing Perceived Argument Strength and Correctness of Pro-Vaccination-arguments from AI and Medical Experts	Journal of Science Communication	2025
332	Severtson, Dolores J.	Testing Map Features Designed to Convey the Uncertainty of Cancer Risk: Insights Gained From Assessing Judgments of Information Adequacy and Communication Goals	Science Communication	2015
333	Seyd, Ben; Hamm, Joseph A.; Jennings, Will; McKay, Lawrence; Valgarosson, Viktor; Anness, Meridith	'Follow the science': Popular trust in scientific experts during the coronavirus pandemic	Public Understanding of Science	2025
334	Shauli, Sophie; Baram-Tsabari, Ayelet	The usefulness of science knowledge for parents of hearing-impaired children	Public Understanding of Science	2019
335	Shi, Jingyuan; Li, Zixi; Chen, Liang; Tang, Hongjie	Individual and Collective Actions Against Climate Change Among Chinese Adults: The Effects of Risk, Efficacy, and Consideration of Future Consequences	Science Communication	2023
336	Silke FÙrst; Sophia Charlotte Volk; Mike S. Sch?fer; Daniel Vogler; Isabel S?rensen	Organizational and societal goals in tension? A survey of communication practitioners at Swiss higher education institutions	Journal of Science Communication	2022
337	Skurka, Chris; Niederdeppe, Jeff; Nabi, Robin	Kimmel on Climate: Disentangling the Emotional Ingredients of a Satirical Monologue	Science Communication	2019
338	Skurka, Chris; Romero-Canyas, Rainer; Joo, Helen H.; Niederdeppe, Jeff	How Forced Versus Selective Exposure Matters for the Influence of Emotional Appeals About Climate Change in a Sample of Americans	Science Communication	2025

339	Smith, Ciarra N.; Seitz, Holli H.	Correcting Misinformation About Neuroscience via Social Media	Science Communication	2019
340	Song, Hwanseok; McComas, Katherine A.; Schuler, Krysten L.	Source Effects on Psychological Reactance to Regulatory Policies: The Role of Trust and Similarity	Science Communication	2018
341	Stenhouse, Neil; Heinrich, Richard	Breaking Negative Stereotypes of Climate Activists: A Conjoint Experiment	Science Communication	2019
342	Stubenvoll, Marlis	Investigating the Heterogeneity of Misperceptions: A Latent Profile Analysis of COVID-19 Beliefs and Their Consequences for Information-Seeking	Science Communication	2022
343	Suldovsky, Brianne; Landrum, Asheley; Stroud, Natalie Jomini	Public perceptions of who counts as a scientist for controversial science	Public Understanding of Science	2019
344	Sun, Yanqing	Verification Upon Exposure to COVID-19 Misinformation: Predictors, Outcomes, and the Mediating Role of Verification	Science Communication	2022
345	Taragin-Zeller, Lea; Rozenblum, Yael; Baram-Tsabari, Ayelet	Public Engagement With Science Among Religious Minorities: Lessons From COVID-19	Science Communication	2020
346	Taylor T. Ruth; Joy N. Rumble; Lisa Lundy; Sebastian Galindo; Hannah S. Carter; Kevin M. Folta	Silent science: a mixed-methods analysis of faculty engagement in science communication	Journal of Science Communication	2021
347	Tiffany, Leigh Anne; Hautea, Samantha; Besley, John C.; Newman, Todd P.; Dudo, Anthony	Effect of Context on Scientists' Normative Beliefs	Science Communication	2022
348	Todd Boyette; Jefferson Ramsey	Does the messenger matter? Studying the impacts of scientists and engineers interacting with public audiences at science festival events	Journal of Science Communication	2019
349	Todd P. Newman; Becca Beets	Exploring the brand of science: implications for science communication research and practice	Journal of Science Communication	2023
350	Tranter, Bruce; Lester, Libby	Climate patriots? Concern over climate change and other environmental issues in Australia	Public Understanding of Science	2017
351	Unsworth, Amy; Voas, David	Attitudes to evolution among Christians, Muslims and the Non-Religious in Britain: Differential effects of religious and educational factors	Public Understanding of Science	2018
352	Unsworth, Amy; Voas, David	The Dawkins effect? Celebrity scientists, (non)religious publics and changed attitudes to evolution	Public Understanding of Science	2021
353	Utz, Sonja; Gaiser, Franziska; Wolfers, Lara N.	Guidance in the chaos: Effects of science communication by virologists during the COVID-19 crisis in Germany and the role of parasocial phenomena	Public Understanding of Science	2022
354	van Eck, Christel W.; van der Meer, Toni G. L. A.	Narratives of hope and concern? Examining the impact of climate scientists' communication on credibility and engagement	Public Understanding of Science	2025

355	van Giesen, Roxanne I.; Fischer, Arnout R. H.; van Trijp, Hans C. M.	Changes in the influence of affect and cognition over time on consumer attitude formation toward nanotechnology: A longitudinal survey study	Public Understanding of Science	2018
356	van Stekelenburg, Aart; Schaap, Gabi; Veling, Harm; Buijzen, Moniek	Correcting Misperceptions: The Causal Role of Motivation in Corrective Science Communication About Vaccine and Food Safety	Science Communication	2020
357	Vaupotic, Nina; Kienhues, Dorothe; Jucks, Regina	Complexity appreciated: How the communication of complexity impacts topic-specific intellectual humility and epistemic trustworthiness	Public Understanding of Science	2024
358	Villanueva, Isabel I.; Li, Nan; Jilk, Thomas; Renner, Julianne; Van Matre, Brianna Rae; Brossard, Dominique	When Science Meets Art on Instagram: Examining the Effects of Visual Art on Emotions, Interest, and Social Media Engagement	Science Communication	2024
359	Vraga, Emily K.; Bode, Leticia	Using Expert Sources to Correct Health Misinformation in Social Media	Science Communication	2017
360	W. Gudrun Reijnierse; Britta Brugman; Ellen Droog	The differential effects of metaphor on comprehensibility and comprehension of environmental concepts	Journal of Science Communication	2025
361	Walker, Justice T. T.; Stamato, Lydia; Asgarali-Hoffman, S. Nisa; Hamidi, Foad; Scheifele, Lisa Z. Z.	Community laboratories in the United States: BioMakerspaces for life science learning	Public Understanding of Science	2023
362	Walsh, Lynda; Ross, Andrew B.	The Visual Invention Practices of STEM Researchers: An Exploratory Topology	Science Communication	2015
363	Wang, Jinping; Peng, Lulu	Striking an Emotional Chord: Effects of Emotional Appeals and Chatbot Anthropomorphism on Persuasive Science Communication	Science Communication	2023
364	Wang, Min; Zhang, Kunran; Xu, Haomiao	Chinese public risk perception and acceptance of Facial Recognition Technology applied in law enforcement	Public Understanding of Science	2025
365	Wang, Ming (Bryan); Akin, Heather	Effects of epistemic beliefs, science populism, and social media use on climate change misperceptions	Public Understanding of Science	2025
366	Wang, Wan; Kahlor, Lee Ann; Moon, Won-Ki; Olson, Hilary Clement	Person, Place, or Thing: Individual, Community, and Risk Information Seeking	Science Communication	2021
367	Wang, Weirui; Huang, Yan	Countering the Harmless E-Cigarette Myth: The Interplay of Message Format, Message Sidedness, and Prior Experience With E-Cigarette Use in Misinformation Correction	Science Communication	2021
368	Wang, Weirui; Huang, Yan	Comparing the effects of simple and refutational narratives in misinformation correction: The moderating roles of correction placement and issue involvement	Public Understanding of Science	2023
369	Wang, Xiao	Understanding Climate Change Risk Perceptions in China: Media Use, Personal Experience, and Cultural Worldviews	Science Communication	2017

370	Wang, Xiaohui; Zheng, Han; Huang, Christine Yi-Hui	Examining the Pathways From Information Acquisition to Preventive Behaviors: The Information-Response Model	Science Communication	2023
371	Wang, Yuan	Debunking Misinformation About Genetically Modified Food Safety on Social Media: Can Heuristic Cues Mitigate Biased Assimilation?	Science Communication	2021
372	Williams Kirkpatrick, Alex	The spread of fake science: Lexical concreteness, proximity, misinformation sharing, and the moderating role of subjective knowledge	Public Understanding of Science	2021
373	Wilmo Ernesto Francisco Junior	Brazilian National Science and Technology Week: a case study on engagement behaviors and impacts on the public	Journal of Science Communication	2024
374	Winnifred Wijnker; Ionica Smeets; Peter Burger; Sanne Willems	Debunking strategies for misleading bar charts	Journal of Science Communication	2022
375	Wirz, Christopher D.; Howell, Emily L.; Scheufele, Dietram A.; Brossard, Dominique; Xenos, Michael A.	Examining expertise: Synthetic biology experts' perceptions of risk, benefit, and the public for research and applications regulation	Public Understanding of Science	2023
376	Witzling, Laura; Shaw, Bret; Amato, Michael S.	Incorporating Information Exposure Into a Theory of Planned Behavior Model to Enrich Understanding of Proenvironmental Behavior	Science Communication	2015
377	Wonneberger, Anke; Meijers, Marijn H. C.; Schuck, Andreas R. T.	Shifting public engagement: How media coverage of climate change conferences affects climate change audience segments	Public Understanding of Science	2020
378	Xiao, Xizhu; Borah, Porismita; Su, Yan	The dangers of blind trust: Examining the interplay among social media news use, misinformation identification, and news trust on conspiracy beliefs	Public Understanding of Science	2021
379	Yang, Xiaodong; Chen, Liang; Ho, Shirley S.	Does media exposure relate to the illusion of knowing in the public understanding of climate change?	Public Understanding of Science	2020
380	Yeo, Sara K.; Anderson, Ashley A.; Becker, Amy B.; Cacciatore, Michael A.	Scientists as comedians: The effects of humor on perceptions of scientists and scientific messages	Public Understanding of Science	2020
381	Yeo, Sara K.; Becker, Amy B.; Cacciatore, Michael A.; Anderson, Ashley A.; Patel, Kasha	Humor Can Increase Perceived Communicator Effectiveness Regardless of Race, Gender, and Expertise-If You are Funny Enough	Science Communication	2022
382	Yeo, Sara K.; Cacciatore, Michael A.; Su, Leona Yi-Fan; McKasy, Meaghan; O'Neill, Liane	Following science on social media: The effects of humor and source likability	Public Understanding of Science	2021
383	Yeo, Sara K.; Freiling, Isabelle; Yeon, Jiyoung; Zhang, Jennifer S.; McKasy, Meaghan; Cacciatore, Michael A.; Su, Leona Yi-Fan; Siskind, Sarah Rose	Examining the Use of Aggressive Satirical Humor on Perceptions of Trustworthiness in Communication About Renewable Energy	Science Communication	2025

384	Yeo, Sara K.; Su, Leona Yi-Fan; Cacciatore, Michael A.; McKasy, Meaghan; Qian, Sijia	Predicting Intentions to Engage With Scientific Messages on Twitter: The Roles of Mirth and Need for Humor	Science Communication	2020
385	Yeo, Sara K.; Sun, Ye; McKasy, Meaghan; Shugart, Erika C.	Disgusting microbes: The effect of disgust on perceptions of risks related to modifying microbiomes	Public Understanding of Science	2019
386	Ying Tang; Jessica M. Abbazio; Khe Foon Hew; Noriko Hara	Exploration of social cues in technology-mediated science communication: a multidiscipline analysis on ïAsk Me Anything (AMA)Í sessions in Reddit r/science	Journal of Science Communication	2021
387	Yin-Yueh Lo	Science communication in the absence of science Journalism: exploring the role of public relations officers in Taiwanese scientific organizations	Journal of Science Communication	2025
388	Yuan Wang; John Leach; Jiyoun Kim; Saymin Lee	Support for COVID-19 mandatory vaccination in the United States: examining the role of cultural worldviews, risk-benefit perceptions, and trust in scientists	Journal of Science Communication	2023
389	Yuan, Shupei; Besley, John C.; Dudo, Anthony	A comparison between scientists' and communication scholars' views about scientists' public engagement activities	Public Understanding of Science	2019
390	Yuan, Shupei; Kanthawala, Shaheen; Ott-Fulmore, Tanya	Listening to Science: Science Podcasters' View and Practice in Strategic Science Communication	Science Communication	2022
391	Yuan, Shupei; Kuehl, Colin	Exploring the Influence of Aggressive and Target-Framing Messages on Proenvironmental Behaviors	Science Communication	2023
392	Yuan, Shupei; Lu, Hang	Examining a conceptual framework of aggressive and humorous styles in science YouTube videos about climate change and vaccination	Public Understanding of Science	2022
393	Yuan, Shupei; Ma, Wenjuan; Besley, John C.	Should Scientists Talk About GMOs Nicely? Exploring the Effects of Communication Styles, Source Expertise, and Preexisting Attitude	Science Communication	2019
394	Yuko Ikkatai; Azusa Minamizaki; Kei Kano; Atsushi Inoue; Euan McKay; Hiromi M. Yokoyama	Masculine public image of six scientific fields in Japan: physics, chemistry, mechanical engineering, information science, mathematics, and biology	Journal of Science Communication	2020
395	Yuko Ikkatai; Azusa Minamizaki; Kei Kano; Atsushi Inoue; Euan McKay; Hiromi M. Yokoyama	Gender-biased public perception of STEM fields, focusing on the influence of egalitarian attitudes toward gender roles	Journal of Science Communication	2020
396	Zeng, Chen	A Relational Identity-Based Solution to Group Polarization: Can Priming Parental Identity Reduce the Partisan Gap in Attitudes Toward the COVID-19 Pandemic	Science Communication	2021
397	Zeng, Huai-Kuan; Lo, Shih-Yu; Li, Shu-Chu Sarrina	Credibility of misinformation source moderates the effectiveness of corrective messages on social media	Public Understanding of Science	2024

398	Zhang, Annie L.; Lu, Hang	No Laughing Matter: Exploring the Effects of Scientists' Humor Use on Twitter and the Moderating Role of Superiority	Science Communication	2022
399	Zhang, Annie Li; Lu, Hang	When Scientists Share Their Struggles: How Scientists' Self-Presentation on Social Media Influences Public Perceptions, Support for Science, and Information-Seeking Intentions	Science Communication	2025
400	Zhang, Xing; Chen, Anfan; Jin, Jianbin	Chinese scientists' mediated participation in public outreach: Multiple direct and personal norm-mediated predictors	Public Understanding of Science	2024
401	Zhao, Xiaoquan; Rolfe-Redding, Justin; Kotcher, John E.	Partisan differences in the relationship between newspaper coverage and concern over global warming	Public Understanding of Science	2016
402	Zhou, Xin; Roberto, Anthony J.	An Application of the Risk Information Seeking and Processing Model in Understanding College Students' COVID-19 Vaccination Information Seeking and Behavior	Science Communication	2022
403	Zils, Lena; Wintterlin, Florian; Metag, Julia; Mede, Niels G.; Schafer, Mike S.	Literate and Critical? Characterizing Users of Alternative Scientific Media	Science Communication	2025
404	Zimmerman, Ifat; Baram-Tsabari, Ayelet; Tal, Tali	Dissemination Versus Dialogic Science Communication: How Do the Deeply Involved Wish to Engage?	Science Communication	2025

Notes: The table lists all analyzed papers, including authors, titles, journals, and years of publication.

Table 4: PRISMA checklist

		Checklist item	Location
TITLE			
Title	1	Identify the report as a systematic review.	Title page
ABSTRACT			
Abstract	2	See the PRISMA 2020 for Abstracts checklist.	Title page
INTRODUCTION			
Rationale	3	Describe the rationale for the review in the context of existing knowledge.	Introduction
Objectives	4	Provide an explicit statement of the objective(s) or question(s) the review addresses.	Introduction
METHODS			
Eligibility criteria	5	Specify the inclusion and exclusion criteria for the review and how studies were grouped for the syntheses.	Methods
Information sources	6	Specify all databases, registers, websites, organisations, reference lists and other sources searched or consulted to identify studies. Specify the date when each source was last searched or consulted.	Methods
Search strategy	7	Present the full search strategies for all databases, registers and websites, including any filters and limits used.	Methods
Selection process	8	Specify the methods used to decide whether a study met the inclusion criteria of the review, including how many reviewers screened each record and each report retrieved, whether they worked independently, and if applicable, details of automation tools used in the process.	Methods
Data collection process	9	Specify the methods used to collect data from reports, including how many reviewers collected data from each report, whether they worked independently, any processes for obtaining or confirming data from study investigators, and if applicable, details of automation tools used in the process.	Methods
Data items	10a	List and define all outcomes for which data were sought. Specify whether all results that were compatible with each outcome domain in each study were sought (e.g. for all measures, time points, analyses), and if not, the methods used to decide which results to collect.	Supplements
	10b	List and define all other variables for which data were sought (e.g. participant and intervention characteristics, funding sources). Describe any assumptions made about any missing or unclear information.	Supplements
Study risk of bias assessment	11	Specify the methods used to assess risk of bias in the included studies, including details of the tool(s) used, how many reviewers assessed each study and whether they worked independently, and if applicable, details of automation tools used in the process.	Methods
Effect measures	12	Specify for each outcome the effect measure(s) (e.g. risk ratio, mean difference) used in the synthesis or presentation of results.	Through out the paper
Synthesis methods	13a	Describe the processes used to decide which studies were eligible for each synthesis (e.g. tabulating the study intervention characteristics and comparing against the planned groups for each synthesis (item #5)).	Methods
	13b	Describe any methods required to prepare the data for presentation or synthesis, such as handling of missing summary statistics, or data conversions.	n/a
	13c	Describe any methods used to tabulate or visually display results of individual studies and syntheses.	Methods
	13d	Describe any methods used to synthesize results and provide a rationale for the choice(s). If meta-analysis was performed, describe the model(s), method(s) to identify the presence and extent of statistical heterogeneity, and software package(s) used.	Methods
	13e	Describe any methods used to explore possible causes of heterogeneity among study results (e.g. subgroup analysis, meta-regression).	n/a

		Checklist item	Location
	13f	Describe any sensitivity analyses conducted to assess robustness of the synthesized results.	n/a
Reporting bias assessment	14	Describe any methods used to assess risk of bias due to missing results in a synthesis (arising from reporting biases).	n/a
Certainty assessment	15	Describe any methods used to assess certainty (or confidence) in the body of evidence for an outcome.	n/a
RESULTS			
Study selection	16a	Describe the results of the search and selection process, ideally using a flow diagram.	Figure 1
	16b	Cite studies that might appear to meet the inclusion criteria, but which were excluded, and explain why they were excluded.	Methods
Study characteristics	17	Cite each included study and present its characteristics.	Supplements
Risk of bias in studies	18	Present assessments of risk of bias for each included study.	n/a
Results of individual studies	19	For all outcomes, present, for each study: (a) summary statistics for each group (where appropriate) and (b) an effect estimate and its precision (e.g. confidence/credible interval), ideally using structured tables or plots.	n/a
Results of syntheses	20a	For each synthesis, briefly summarise the characteristics and risk of bias among contributing studies.	n/a
	20b	Present results of all statistical syntheses conducted.	n/a
	20c	Present results of all investigations of possible causes of heterogeneity among study results.	n/a
	20d	Present results of all sensitivity analyses conducted to assess the robustness of the synthesized results.	n/a
Reporting biases	21	Present assessments of risk of bias due to missing results (arising from reporting biases) for each synthesis assessed.	n/a
Certainty of evidence	22	Present assessments of certainty (or confidence) in the body of evidence for each outcome assessed.	n/a
DISCUSSION			
Discussion	23a	Provide a general interpretation of the results in the context of other evidence.	Pathways
	23b	Discuss any limitations of the evidence included in the review.	Conclusion
	23c	Discuss any limitations of the review processes used.	Conclusion
	23d	Discuss implications of the results for practice, policy, and future research.	Pathways
OTHER INFORMATION			
Registration and protocol	24a	Provide registration information for the review, including register name and registration number, or state that the review was not registered.	Methods
	24b	Indicate where the review protocol can be accessed, or state that a protocol was not prepared.	Methods
	24c	Describe and explain any amendments to information provided at registration or in the protocol.	n/a
Support	25	Describe sources of financial or non-financial support for the review, and the role of the funders or sponsors in the review.	Funding
Competing interests	26	Declare any competing interests of review authors.	Competing interests
Availability of data, code and other materials	27	Report which of the following are publicly available and where they can be found: template data collection forms; data extracted from included studies; data used for all analyses; analytic code; any other materials used in the review.	Osf

Notes: The table lists all items of the PRISMA checklist used to guide our review process.