Article Number	Citation	Country	Keywords	Topic	Abstract	Aim					Participants							Data source				The goal of communication		Findings
						Scientific knowledge	Values, beliefs, and attitudes, risk perception	Developing skills, capabilities, attitudes, educational behavioural and adaptation processes	Engagement and behavior (action)	Public			Expert	Government	Trade/industry/f arms	Others	Survey/ Questionnaire	Interview	Focus group	Other	One way	Multi way	
					Purpose					General public	College students	K-12												
A1	Kaiser et al., 2020	Austria	Climate maps	co-designing	To design	the data	1		1					1			1				1		1	Margin with less information density were
A2	Rosenthal et al., 2020	US	Climate change	The Effects of	The many	Based on science		1	1			1					1		1		1		1	One of the primary conclusions drawn from the
A3	Chaudy et al., 2021	US	The 2012	Sectional pres	The 2012	The article		1	1							1				rational pres	1		1	climate change discussions in all published
A4	Smith, 2020	US	climate change,	television	This paper	This paper	1	1					1				1	1					1	To metaanalyzes combine local knowledge,
A5	Ellis, 2020	US	Climate change	Climate change	The paper	The paper	1	1				1					1		1	participant			1	Participants in the study expressed policy related
A6	Leiserowitz, 2021	US	Climate change	Giving the Climate	In new	In new	1	1									1				1		1	We found no support for
A7	Fischlmayr et al., 2020	US	climate change,	Public	In this study, we	to examine how	1	1									1				1		1	Expressed expectations of future temperatures
A8	Cook, 2020a	US	Storytelling, mus	Storytelling for	This	This											1				1		1	Frequent citations based on interviews
A9	Cook, 2020b	US	Map design, climate	Analyzing maps to	Maps are a key	This article examines	1									1				maps	1		1	This research showed that the producers of maps of climate change are often not the publishers of this same content. These maps primarily showed topics which were relevant to audiences in the United States. And finally, maps were most when they employed
A10	Sauve, 2021	Canada	epsilon geography	Telling stories	Recent years	This article	1				Stakeholders					1		1			1		1	Stakeholders in the study expressed a desire for more based decision considerations. Second,
A11	Rosenthal et al., 2020	Italy	Climate change	Climate change	Climate are being	This study	1	1	1				1	1	1								1	The three factors rated as the most important
A12	Ballew et al., 2020	US	Climate change	Climate change	Climate change	Climate change	1	1					1	1	1								1	Our findings show that effective communication
A13	Pauls, 2020	US	climate change	Global press	Food waste is a	This study refers					scientists performs	1					1						1	Results indicated that the climate change
A14	Sakiyama & Bunce, 2020	US	climate change,	exploring the	This study	the development		1				1				1 (solutions)							1	Results showed no interaction effects across
A15	Schmid et al., 2021	Germany	regional climate	identifying	Climate	present and		1			region					1 (regions)				Sociallogic regional	1		1	Differing climate communication recognition
A16	Sebestyen Marassy et al., 2020	US	climate fictions,	Beliefs and	Literary works of	to test the					public (leftists web	1					1						1	The assessment and investigation
A17	Ballew et al., 2019	US	Climate	Climate change	Climate change	Climate change	1	1									1						1	Reading climate fiction had small but significant
A18	Grant et al., 2020	US	Climate change	examining media	A large survey of	Interrelating the	1		1		core farmers		1		1						1		1	Listening and Pacific
A19	Leiserowitz, 2021	US	climate activity,	Young people	The material for	The material for	1		1							1				youtube	1		1	Exposure to climate fiction concerning exoplanetary
A20	Cassells, 2019	China	Drama, climate	Improving the	There is an	the present study	1	1							1		1	1			1		1	The study underlines that the nemes of the
A21	Green et al., 2019	Pakistan	Climate change	Climate change	"Climate change	the difference		1	1					1									1	The finding highlights (2) public understanding
A22	Hulme et al., 2020	US	Climate change	Climate change	Climate change	Climate change	1	1	1			1					1						1	Results showed that the perceived credibility and quality of the installation was most effective in initially attracting viewers and generating interest, while the climate change messaging resonated subsequently
A23	Ballew, 2019	Ireland	Climate change	Benefits and	The use of digital	This study offers	1	1					1		1		1						1	Which is unstable that conceptual thinking of
A24	Sabbagh, 2021	US	Climate change	Solution-focused	A key challenge	This study,		1				1					1						1	Analysis of textual data indicated that being able
A25	Sabmoniat Kerman et al., 2020	US	Climate change	Perceptions of	Facts and	examine		1				1					1	1					1	Although nearly 70% of interpretees
A26	Kalling et al., 2019	US	systems thinking,	Systems thinking	Prior research	Using an online		1				1					1	1			1		1	although systems thinking is positively related
A27	Tolland et al., 2020	US	Climate change	Climate change	Climate change	Climate change	1	1			Individuals on the TTCS comparise	1					1	1			1		1	Results showed that compared to the control
A28	Wolf-Hoffmann et al., 2022	Germany	Climate change	The Role of	Using an	this study		1				1					1	1			1		1	Results show that compared to the control
A29	Sandberg et al., 2021		climate change	Discussing global	Climate change is	Discussing global		1				1					1	1			1		1	discussing global warming with
A30	Goodman, 2020	US	argumentation	Sophistical	A case study of a	providing the	1				a climate scientist	1					1		1	a short			1	"We explored the deep argumentative context
A31	Yoda et al., 2020	Japan	Jewish Islands	Understanding	Climate change	This study						1					1						1	Results showed that the average respondent
A32	Lane & Pierce, 2021	Canada	Climate change	Climate change	Climate change	Climate change			1		undergraduate stu	1	1				1			attention	1		1	Results showed that climate change was
A33	Marshall, 2020	US	Climate change	The Role of Pro	Climate continues	examine the						1					1				1		1	results show that emphasizing the scientific
A34	Ballew et al., 2020	US	To transformative	Canadian	Climatologists	This study	1	1					1				1				1		1	The respondents suggested that many, but not
A35	Sharma & Kaur, 2022	Australia	Climate change	Mainstream	People's	In this study we	1	1				1					1				1		1	"Ecocentrical consultant experiment
A36	Chiasson et al., 2019	USA, Italy	Climate change	Framing climate	We report on	Our mixed		1				1					1		1	analysis of newspaper	1		1	They draw on two frames (climate change and
A37	Hall et al., 2022	Australia	Climate change	Climate change	Climate change	We investigate										1	1				1		1	Newspapers in 2018 and 2019
A38	Wesselmann et al., 2021	US	Climate change	The Impact of	Understanding	Understanding					middle school students					1	1				1		1	Participants in 2018 Earth Day messages
A39	Van Der Linden, 2021	Netherlands	Engaged Climate	Journalistic norms	Climate change	this research	1									1	1				1		1	The current research Contributed to the
A40	Collins et al., 2020	Sweden	Climate change	Zero Climate	Natural resource				1					1			1				1		1	The study finds statistically significant
A41	Cummins et al., 2020	US	greenhouse gas	Evaluating the	The case study	evaluating the	1				public	1					1	1			1		1	"Visionally illustrates the benefits of monsoon
A42	Tolandos et al., 2020	Singapore	Climate	Complementary	This study	This study						1					1				1		1	Results suggest that
A43	Tolkkinen and Ilomäki, 2018	US	Climate change	these Climate	Using a national	Using a national	1	1				1					1				1		1	The findings indicate that news images
A44	Yoneda, 2018	Japan	Environmental psychology	Climate change	This article covers	This article covers	1				WWF School participants and journalists					1	1	1		1 (newspaper)			1	A new relationship between global NGOs and the media can improve environmental communications—an approach that could help advocacy groups around the world.
A45	Wang and Kramer, 2018	Germany	Climate change	Effectiveness of	Camera are	Effectiveness of	1	1	1				1				1			survey and			1	Our key findings are that opening increases the
A46	Thomas et al., 2019	Germany	Climate change	Climate change	Climate change	This study							1				1				1		1	Results indicate that the 'This was found to be
A47	Sharma et al., 2019	US	science	Predicting	Between 1 to	1 to			1				1				1				1		1	Climate change, 2. The
A48	Sebestyen et al., 2018	US	Climate	promoting	Climate	examining how			1		high school agriculture students						1				1		1	"agriculture and environment framing of climate
A49	Wilkerson et al., 2018	US	climate change,	Climate change	Engaging	to better			1		Middle school students						1				1		1	education efforts should leverage
A50	Walker et al., 2022	US	Framing, climate	understanding of	There is a	explore	1	1	1			1		1			1				1		1	We suggest that
A51	Ellsworth, 2021	US	Climate	Climate	Climate change	Examining the	1				undergraduate students	1		1			1				1		1	Results show that gain/gain frames increase
A52	Ribeiro et al., 2022	Germany	Pro-Farming	Allure of Gain	This article	This study	1	1	1			1					1				1		1	The core book, Bad for living, deployed in visual communication strategies creating personal concern and public awareness for climate change. At the same time, the icon frames an individualized, emotionalized, and localized account of climate change that does not make its wider issues visible.
A53	Ellis et al., 2021	Germany	Climate change,	Establishing prior	This article covering	The following paper aims at filling this	1		1		Artists and staff of National Geographic					1	1	1 (article)			1	1	1	Results revealed that
A54	Shaw et al., 2022	Germany	Adaptation	Visualization for	Homeowners are	explained how		1	1				1				1				1		1	Results indicated that the information provision
A55	Cockburn and Kouchkovsky, 2022	New	Meat consumption	Communicating	Meat production	This study	1						1				1				1		1	Exposure to misleading scientific information on
A56	Lewis & Jasanoff, 2022	US	Climate	Rise to climate	Unusually cold	to determinate	1				Public (conservatio		1				1		1		1		1	Principal
A57	Smith et al., 2022	Australia	Climate change	Reducing	Many people	In this study we	1		1				1				1				1		1	Factor loadings analysis, 1. information rated
A58	Chiasson et al., 2022	US	Climate change	Climate change	Climate change	This study	1	1	1				1				1				1		1	Results of a survey (N=1,5, public (n =1,5)
A59	Stadel et al., 2022	US	Psychological	perceived climate	Factors	This study	1		1				1				1				1		1	Through focus group
A60	Haslanger, 2019	Sweden	Climate change	Swedish farmers'	While previous	This article	1		1				1				1				1		1	By identifying climate change message frames
A61	Rogers, Gibson & Adams, 2019	US	climate change	identifying	Climate change is	to explore (1)	1		1		Cooperative Extension Service professionals			1			1				1		1	The findings suggest that effective climate
A62	Carlton & Jacobson, 2021	US	climate change,	Experts and non-	Climate change is	to compare an	1		1		Governmental administrators			1			1				1		1	Results showed that the
A63	Ballew et al., 2020	US	Climate	Climate	Climate change	This study						1					1			deprivation			1	Results showed that the
A64	Gold et al., 2020	Canada	design inquiry	Sociophysics in climate	There are many	be substantiated in learning environments that encourag					Game design		1			1				1 (camp)			1	The project engage participants in informed decision-making processes through dialogue and consultation at various levels of the research, in order to provide an experiential environment for learning about local climate change holistically.
A65	Ribeiro et al., 2018	Australia	Climate change	How to motivate	People vary	This study aimed	1		1				1				1						1	Modified modeling indicated messages
A66	Green & Hendry, 2020	US	climate	Engagement in	We use original	to analyze the			1		Adults		1				1						1	Engagement in discourse is positively associated
A67	Shaftel et al., 2015	US	vulnerable	Vulnerable	Climate change is	in a 2013 survey							1				1						1	General health risk perceptions, political
A68	Fischer et al., 2021	US	Climate change,	Climate	Climate change	This paper							1				1	1					1	Results of the study indicate that
A69	Ballew et al., 2021	US	Climate change	Zero Carbon	Many have		1		1				1				1						1	Political moderates in the adaptation condition
A70	Tolbert, 2021	Australia	public service media,	Civic Engagement	Innovation is latest	This case study explores how well	G&A's mix of old and n		1	1	TV viewers		1				1		1 (transcripts, videos, and discussions)				1	This integration of interactivity into televisual engagement with political discourse represents a further evolution of the postmodern style of political TV talk that emerged in the 1980s.
A71	Le and Jim, 2021	Hong Kong	climate change	Public	Tailored	This research		1					1				1				1		1	Results indicates that concerns about climate
A72	McCormack et al., 2021	US	Risk communication	The difficulty of	Drivers are	this study		1	1				1				1						1	Results showed high levels of support for
A73	Magana, 2021	Spain	Climate change	Climate change	Climate change	This study	1	1	1				1				1	1					1	Results showed that participants were more
A74	Sabmoniat Kerman et al., 2021	Sweden	climate change,	Governance	Climate change is	This study tests	1		1				1				1						1	As first-time stakeholders struggle to
A75	Tolandos et al., 2016	Serbia	chemtrails, urban	Urban forest	Background and	to examine social			1		Urban forestry managers		1	1	1	1 (policy and	1						1	The results show weak integration of climate
A76	Lewis & Mills, 2021	US	Climate change,	Policy implications	Background: Low	understanding: 1)					Utah rangeland owners			1			1						1	The results suggest potential challenges for
A77	Fraser et al., 2019	New	Behavior change	Considering local	Discussing	cities that		1	1				1				1						1	Respondents who first considered this local
A78	Stuart, 2021	US	climate change science	Framing Environmental	It's assumed the	to explore whether	1	1	1		Viewers of the Edu		1				1						1	The suggested set of concerns, motivation to act, and sense of agency about action that were initially generated by the movie did not measurably persist over the long term. The results also show that behavioral intentions do not necessarily translate into action.
A79	Sebestyen & Bartholomew, 2021	US	Climate change	Climate change	Climate change	This study	1	1	1		Scale (pb) fits cons		1				1						1	Our results suggest that
A80	Lewis, Palmer & Hagelman, 2019	US	museum, climate	Hazelnuts centers as	Giving virtual alter	To explore how climate change was communicated to the public					Exhibits		1			1				1 (exhibit items)			1	By Investigate lifestyle and consumer oriented solutions, the exhibit prioritizes individual, marketplace-based action over solutions requiring collective and political action. We discuss these two broad themes in the section below
A81	Lambert and Bleicher, 2022	US	climate change	Improving Climate	This study	This study	1		1			1					1						1	Students' Knowledge of climate change
A82	Weatherson and Scepelova, 2014	India	agriculture, climate	Rural perspectives	This research	This research	1		1				1				1	1			1		1	The results suggest a need to learn more about
A83	Thomas et al., 2021	Germany	climate change	Climate change	Environmental	We investigated	1		1				1				1						1	Climate change and climate adaptation decision
A84	Leonard and Gifford, 2014	Canada	climate change	The Role of Pro	Environmental		1		1				1		1		1					1	1	Our results suggest that the Pro-Environmental
A85	Ellis, 2020	US	Geographics and	The geopolitical	This paper aim	This paper aim							1				1			1			1	The series collectively represent difference
A86	Howell, 2021	US	Pro-environmental beliefs	Pro-environmental beliefs	Pro-Dis Pro-Ego	This study investigates the efforts of	1		1		US viewers		1				1				1		1	The film increased concern about climate change, motivation to act, and viewers' sense of agency, although these effects had not persisted 10-14 weeks after seeing it.
A87	Rodriguez et al., 2020	US	climate change control	Discourses neutral	contributed	This article studies frames used in Wed			1		The corners hosting the blogs		1				1			1 (web-based data	1		1	The authors identify three clusters of nonprofit focused on finance, lifestyle, and attributes and elucidate the communicative purposes to which they were put between the 1990s and the early 21st century.
A88	Schneider, 2022	US	environmental	Communication	In 2008, the	This		1	1					1						1			1	This study suggests that such workshops are
		Number of articles	Country			56	47	22	41	0	40	8	7	14	8	9	9	15	22	9	5	46	43	