

# Jennifer R Marlon

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

6,080  
citations

101543

36  
h-index

98798

67  
g-index

80  
all docs

80  
docs citations

80  
times ranked

6909  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climate and human influences on global biomass burning over the past two millennia. <i>Nature Geoscience</i> , 2008, 1, 697-702.	12.9	686
2	Changes in fire regimes since the Last Glacial Maximum: an assessment based on a global synthesis and analysis of charcoal data. <i>Climate Dynamics</i> , 2008, 30, 887-907.	3.8	590
3	Geographic variation in opinions on climate change at state and local scales in the USA. <i>Nature Climate Change</i> , 2015, 5, 596-603.	18.8	447
4	Long-term perspective on wildfires in the western USA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E535-43.	7.1	425
5	Historic global biomass burning emissions for CMIP6 (BB4CMIP) based on merging satellite observations with proxies and fire models (1750–2015). <i>Geoscientific Model Development</i> , 2017, 10, 3329-3357.	3.6	322
6	Global biomass burning: a synthesis and review of Holocene paleofire records and their controls. <i>Quaternary Science Reviews</i> , 2013, 65, 5-25.	3.0	297
7	The role of climate and vegetation change in shaping past and future fire regimes in the northwestern US and the implications for ecosystem management. <i>Forest Ecology and Management</i> , 2003, 178, 5-21.	3.2	217
8	Palaeoclimate constraints on the impact of 2 °C anthropogenic warming and beyond. <i>Nature Geoscience</i> , 2018, 11, 474-485.	12.9	166
9	Fire history and the Global Charcoal Database: A new tool for hypothesis testing and data exploration. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 52-59.	2.3	144
10	Reconstructions of biomass burning from sediment-charcoal records to improve data-model comparisons. <i>Biogeosciences</i> , 2016, 13, 3225-3244.	3.3	142
11	Orbital-scale climate forcing of grassland burning in southern Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 5069-5073.	7.1	135
12	Postglacial vegetation, climate, and fire history along the east side of the Andes (lat 41°–42.5°S), Argentina. <i>Quaternary Research</i> , 2006, 66, 187-201.	1.7	132
13	Fire-fuel-climate linkages in the northwestern USA during the Holocene. <i>Holocene</i> , 2006, 16, 1059-1071.	1.7	128
14	Climate Change in the American Mind: Data, Tools, and Trends. <i>Environment</i> , 2019, 61, 4-18.	1.4	128
15	How will climate change shape climate opinion?. <i>Environmental Research Letters</i> , 2019, 14, 113001.	5.2	123
16	paleofire: An R package to analyse sedimentary charcoal records from the Global Charcoal Database to reconstruct past biomass burning. <i>Computers and Geosciences</i> , 2014, 72, 255-261.	4.2	113
17	Fire in ice: two millennia of boreal forest fire history from the Greenland NEEM ice core. <i>Climate of the Past</i> , 2014, 10, 1905-1924.	3.4	99
18	Volcanic suppression of Nile summer flooding triggers revolt and constrains interstate conflict in ancient Egypt. <i>Nature Communications</i> , 2017, 8, 900.	12.8	91

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19	Public perceptions of the health risks of extreme heat across US states, counties, and neighborhoods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6743-6748.	7.1	86
20	Long-term relations among fire, fuel, and climate in the north-western US based on lake-sediment studies. <i>International Journal of Wildland Fire</i> , 2008, 17, 72.	2.4	86
21	Climatic control of the biomass-burning decline in the Americas after 1500. <i>Holocene</i> , 2013, 23, 3-13.	1.7	83
22	Reconstructing Disturbances and Their Biogeochemical Consequences over Multiple Timescales. <i>BioScience</i> , 2014, 64, 105-116.	4.9	80
23	The Distribution of Climate Change Public Opinion in Canada. <i>PLoS ONE</i> , 2016, 11, e0159774.	2.5	74
24	Deposition times in the northeastern United States during the Holocene: establishing valid priors for Bayesian age models. <i>Quaternary Science Reviews</i> , 2012, 48, 54-60.	3.0	71
25	Global Warming's Six Americas Short Survey: Audience Segmentation of Climate Change Views Using a Four Question Instrument. <i>Environmental Communication</i> , 2018, 12, 1109-1122.	2.5	69
26	Quota sampling using Facebook advertisements. <i>Political Science Research and Methods</i> , 2020, 8, 558-564.	2.3	62
27	The spatial distribution of Republican and Democratic climate opinions at state and local scales. <i>Climatic Change</i> , 2017, 145, 539-548.	3.6	59
28	Experimental effects of climate messages vary geographically. <i>Nature Climate Change</i> , 2018, 8, 370-374.	18.8	57
29	Global Warming's Six Americas: a review and recommendations for climate change communication. <i>Current Opinion in Behavioral Sciences</i> , 2021, 42, 97-103.	3.9	57
30	Detecting local environmental change: the role of experience in shaping risk judgments about global warming. <i>Journal of Risk Research</i> , 2019, 22, 936-950.	2.6	54
31	A Regional Perspective on Holocene Fire-Climate-Human Interactions in the Pacific Northwest of North America. <i>Annals of the American Association of Geographers</i> , 2015, 105, 1135-1157.	3.0	51
32	Mask-Wearing Increased After a Government Recommendation: A Natural Experiment in the U.S. During the COVID-19 Pandemic. <i>Frontiers in Communication</i> , 2020, 5, .	1.2	51
33	Global fire history of grassland biomes. <i>Ecology and Evolution</i> , 2018, 8, 8831-8852.	1.9	46
34	Global Modern Charcoal Dataset (GMCD): A tool for exploring proxy-fire linkages and spatial patterns of biomass burning. <i>Quaternary International</i> , 2018, 488, 3-17.	1.5	43
35	Exploring the relationship between Aboriginal population indices and fire in Australia over the last 20,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 432, 49-57.	2.3	38
36	Europe on fire three thousand years ago: Arson or climate?. <i>Geophysical Research Letters</i> , 2015, 42, 5023-2033.	4.0	36

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37	Asian inland wildfires driven by glacial–interglacial climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5184-5189.	7.1	36
38	Comparing modelled fire dynamics with charcoal records for the Holocene. <i>Climate of the Past</i> , 2014, 10, 811-824.	3.4	35
39	What the past can say about the present and future of fire. <i>Quaternary Research</i> , 2020, 96, 66-87.	1.7	34
40	Hot dry days increase perceived experience with global warming. <i>Global Environmental Change</i> , 2021, 68, 102247.	7.8	33
41	Oil and gas companies invest in legislators that vote against the environment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5111-5112.	7.1	32
42	Global response of fire activity to late Quaternary grazer extinctions. <i>Science</i> , 2021, 374, 1145-1148.	12.6	32
43	Climatic history of the northeastern United States during the past 3000 years. <i>Climate of the Past</i> , 2017, 13, 1355-1379.	3.4	29
44	The surprisingly inexpensive cost of state-driven emission control strategies. <i>Nature Climate Change</i> , 2021, 11, 738-745.	18.8	28
45	The Influence of Political Ideology and Socioeconomic Vulnerability on Perceived Health Risks of Heat Waves in the Context of Climate Change. <i>Weather, Climate, and Society</i> , 2018, 10, 731-746.	1.1	24
46	Extraordinary Biomass-Burning Episode and Impact Winter Triggered by the Younger Dryas Cosmic Impact ~12,800 Years Ago, Parts 1 and 2: A Discussion. <i>Journal of Geology</i> , 2020, 128, 69-94.	1.4	23
47	“Can You Take the Heat?” Heat-Induced Health Symptoms Are Associated with Protective Behaviors. <i>Weather, Climate, and Society</i> , 2019, 11, 401-417.	1.1	21
48	The value of linking paleoecological and neoecological perspectives to understand spatially-explicit ecosystem resilience. <i>Landscape Ecology</i> , 2019, 34, 17-33.	4.2	20
49	“Is global warming affecting the weather?” Evidence for increased attribution beliefs among coastal versus inland US residents. <i>Environmental Sociology</i> , 2020, 6, 6-18.	2.9	20
50	Terrestrial plant microfossils in palaeoenvironmental studies, pollen, microcharcoal and phytolith. Towards a comprehensive understanding of vegetation, fire and climate changes over the past one million years. <i>Revue De Micropaleontologie</i> , 2019, 63, 1-35.	0.4	17
51	Climatic and human controls on the late Holocene fire history of northern Israel. <i>Quaternary Research</i> , 2013, 80, 396-405.	1.7	14
52	Fire Research: Linking Past, Present, and Future Data. <i>Eos</i> , 2013, 94, 421-422.	0.1	9
53	A model-based approach to wildland fire reconstruction using sediment charcoal records. <i>Environmetrics</i> , 2017, 28, e2450.	1.4	9
54	A Meta-Cognitive Approach to Predicting Hurricane Evacuation Behavior. <i>Environmental Communication</i> , 2020, 14, 6-12.	2.5	9

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55	Blame Where Blame Is Due: Many Americans Support Suing Fossil Fuel Companies for Global Warming Damages. <i>Environment</i> , 2020, 62, 30-35.	1.4	8
56	Information about the human causes of global warming influences causal attribution, concern, and policy support related to global warming. <i>Thinking and Reasoning</i> , 2022, 28, 465-486.	3.2	8
57	Measuring Americans'™ Support for Adapting to 'Climate Change'™ or 'Extreme Weather'™. <i>Environmental Communication</i> , 2022, 16, 577-588.	2.5	7
58	Training a New Scientist to Meet the Challenges of a Changing Environment. <i>Eos</i> , 2011, 92, 135-136.	0.1	4
59	Incomplete Bayesian model rejects contradictory radiocarbon data for being contradictory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6722.	7.1	4
60	The Distribution of Climate Change Public Opinion in Canada. <i>SSRN Electronic Journal</i> , 2016, , .	0.4	4
61	One thousand years of fires: Integrating proxy and model data. <i>Frontiers of Biogeography</i> , 2016, 8, .	1.8	3
62	Paleoecological changes at Lake Cuitzeo were not consistent with an extraterrestrial impact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2243-E2243.	7.1	2
63	Bringing New Ph.D.s Together for Interdisciplinary Climate Change Research. <i>Eos</i> , 2013, 94, 57-57.	0.1	2
64	Catalyzing Interdisciplinary Research on Climate Change: DISCCRS: Dissertations Initiative for the Advancement of Climate Change Research; Mesa, Arizona, 13'20 March 2010. <i>Eos</i> , 2010, 91, 299.	0.1	1
65	To achieve deep cuts in US emissions, state-driven policy is only slightly more expensive than nationally uniform policy. <i>Nature Climate Change</i> , 2021, 11, 911-912.	18.8	1
66	Holocene trends in global biomass burning and their relationship to climate change and human activities. <i>Quaternary International</i> , 2012, 279-280, 307.	1.5	0
67	Communicating Hurricane Risks: Challenges and Recommendations. <i>Eos</i> , 2015, 96, .	0.1	0