

How climate change affects extreme weather events

Science

352, 1517-1518

DOI: [10.1126/science.aaf7271](https://doi.org/10.1126/science.aaf7271)

Citation Report

#	ARTICLE	IF	CITATIONS
1	From biochemical pathways to the agro-ecological scale: Carbon capture in a changing climate. <i>Journal of Plant Physiology</i> , 2016, 203, 1-2.	1.6	1
2	The role of nature-based infrastructure (NBI) in coastal resiliency planning: A literature review. <i>Journal of Environmental Management</i> , 2016, 183, 1088-1098.	3.8	45
3	Climate change increases the risk of herbicide-resistant weeds due to enhanced detoxification. <i>Planta</i> , 2016, 244, 1217-1227.	1.6	73
4	Water strategies for the next administration. <i>Science</i> , 2016, 354, 555-556.	6.0	48
5	The Changing Context of Hazard Extremes: Events, Impacts, and Consequences. <i>Journal of Extreme Events</i> , 2016, 03, 1671005.	1.2	10
6	Investigating differences between event-as-class and probability density-based attribution statements with emerging climate change. <i>Climatic Change</i> , 2017, 141, 641-654.	1.7	13
7	Extreme weather and climate events with ecological relevance: a review. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017, 372, 20160135.	1.8	467
8	Failing States, Collapsing Systems. <i>SpringerBriefs in Energy</i> , 2017, , .	0.2	58
9	Facile fabrication of high-yield graphitic carbon nitride with a large surface area using bifunctional urea for enhanced photocatalytic performance. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 624-630.	10.8	58
10	Non-redundant functions of the dimeric ABA receptor BdPYL1 in the grass <i>Brachypodium</i> . <i>Plant Journal</i> , 2017, 92, 774-786.	2.8	32
11	Stormy geomorphology: an introduction to the Special Issue. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 238-241.	1.2	6
12	Environmental drivers of invertebrate population dynamics in Neotropical tank bromeliads. <i>Freshwater Biology</i> , 2017, 62, 229-242.	1.2	31
13	Mitigating the Risks of Rapid Event Attribution in the Gray Literature. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 2065-2072.	1.7	2
15	Roles of Plasmalemma Aquaporin Gene StPIP1 in Enhancing Drought Tolerance in Potato. <i>Frontiers in Plant Science</i> , 2017, 8, 616.	1.7	32
16	Unraveling the Transcriptional Basis of Temperature-Dependent Pinoxaden Resistance in <i>Brachypodium hybridum</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1064.	1.7	19
17	Land-use effect on hydrogeology in a mountainous region of Southeastern Brazil. <i>Ciencia E Agrotecnologia</i> , 2017, 41, 413-427.	1.5	11
18	Validation and Spatiotemporal Distribution of GEOS-5-Based Planetary Boundary Layer Height and Relative Humidity in China. <i>Advances in Atmospheric Sciences</i> , 2018, 35, 479-492.	1.9	11
19	Trees down, hazards abound: Observations and lessons from Hurricane Sandy. <i>American Journal of Industrial Medicine</i> , 2018, 61, 361-371.	1.0	3

#	ARTICLE	IF	CITATIONS
20	Climate Change Attribution: When Is It Appropriate to Accept New Methods?. <i>Earth's Future</i> , 2018, 6, 311-325.	2.4	75
21	Vegetation's role in controlling long-term response of near ground air temperature to precipitation change in a semi-arid region. <i>Journal of Arid Environments</i> , 2018, 152, 83-86.	1.2	3
22	Changing population dynamics and uneven temperature emergence combine to exacerbate regional exposure to heat extremes under 1.5°C and 2°C of warming. <i>Environmental Research Letters</i> , 2018, 13, 034011.	1.2	52
23	Extreme precipitation and phosphorus loads from two agricultural watersheds. <i>Limnology and Oceanography</i> , 2018, 63, 1221-1233.	1.6	84
24	How flood risk impacts residential rents and property prices. <i>Journal of Property Investment and Finance</i> , 2018, 36, 50-67.	0.9	13
25	May-July mean minimum temperature variability in the mid-Qinling Mountains, central China, since 1814 CE. <i>Quaternary International</i> , 2018, 476, 102-109.	0.7	10
26	Mosquito-Borne Diseases: Advances in Modelling Climate-Change Impacts. <i>Trends in Parasitology</i> , 2018, 34, 227-245.	1.5	78
27	Integrating Knowledge Aspects of Green Skills into Engineering Programmes: The Perceptions of Engineering Lecturers in Malaysia Polytechnics. , 2018, , .		1
28	Symmetry of Energy Divergence Anomalies Associated with the El Niño-Southern Oscillation. <i>Atmosphere</i> , 2018, 9, 342.	1.0	0
29	Earth Systems Thinking: Global Consumerism, Climate Change, and the Spiritual Value of the Earth. <i>Environmental Management and Sustainable Development</i> , 2018, 7, 35.	0.1	5
30	Drivers of the Severity of the Extreme Hot Summer of 2015 in Western China. <i>Journal of Meteorological Research</i> , 2018, 32, 1002-1010.	0.9	3
31	Satellite Tracking Sea Turtles: Opportunities and Challenges to Address Key Questions. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	80
32	Enduring Extremes? Polar Vortex, Drought, and Climate Change Beliefs. <i>Environmental Communication</i> , 2018, 12, 876-894.	1.2	28
33	How Well Can a Climate Model Simulate an Extreme Precipitation Event: A Case Study Using the Transpose-AMIP Experiment. <i>Journal of Climate</i> , 2018, 31, 6543-6556.	1.2	16
34	Arbuscular mycorrhizal symbiosis in rice: Establishment, environmental control and impact on plant growth and resistance to abiotic stresses. <i>Rhizosphere</i> , 2018, 8, 12-26.	1.4	53
35	Big Data Approaches for coastal flood risk assessment and emergency response. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2018, 9, e543.	3.6	23
36	Greenhouse- and orbital-forced climate extremes during the early Eocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170085.	1.6	17
37	Biological responses to the press and pulse of climate trends and extreme events. <i>Nature Climate Change</i> , 2018, 8, 579-587.	8.1	330

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38	How Uneven Are Changes to Impactâ€Relevant Climate Hazards in a 1.5 Å°C World and Beyond?. Geophysical Research Letters, 2018, 45, 6672-6680.	1.5	33
39	A predictive study of heat wave characteristics and their spatio-temporal trends in climatic zones of Nigeria. Modeling Earth Systems and Environment, 2018, 4, 1125-1151.	1.9	4
40	Enhancing the systems productivity and water use efficiency through coordinated soil water sharing and compensation in strip-intercropping. Scientific Reports, 2018, 8, 10494.	1.6	34
41	Study of the exceptional meteorological conditions, trace gases and particulate matter measured during the 2017 forest fire in DoÃ±ana Natural Park, Spain. Science of the Total Environment, 2018, 645, 710-720.	3.9	38
42	Tree-Related Injuries Associated With Response and Recovery From Hurricane Sandy, New Jersey, 2011-2014. Public Health Reports, 2018, 133, 266-273.	1.3	12
43	Compound Extremes in Hydroclimatology: A Review. Water (Switzerland), 2018, 10, 718.	1.2	91
44	On the suitability of current atmospheric reanalyses for regional warming studies over China. Atmospheric Chemistry and Physics, 2018, 18, 8113-8136.	1.9	32
45	Multiple facets of biodiversity drive the diversityâ€stability relationship. Nature Ecology and Evolution, 2018, 2, 1579-1587.	3.4	296
46	Climate Change and the Macro-Economy: A Critical Review. SSRN Electronic Journal, 0, , .	0.4	50
47	Climate change exacerbates pest damage through reduced pesticide efficacy. Pest Management Science, 2019, 75, 9-13.	1.7	83
48	Contrasting resistance and resilience to extreme drought and late spring frost in five major European tree species. Global Change Biology, 2019, 25, 3781-3792.	4.2	152
49	Source-to-Sink Translocation of Carbon and Nitrogen Is Regulated by Fertilization and Plant Population in Maize-Pea Intercropping. Frontiers in Plant Science, 2019, 10, 891.	1.7	14
50	Estimating the Healthâ€Related Costs of 10 Climateâ€Sensitive U.S. Events During 2012. GeoHealth, 2019, 3, 245-265.	1.9	52
51	Alternative responses to rare selection events are differentially vulnerable to changes in the frequency, scope, and intensity of environmental extremes. Ecology and Evolution, 2019, 9, 11752-11761.	0.8	14
52	Does it matter if you â€believeâ€ in climate change? Not for coastal home vulnerability. Climatic Change, 2019, 155, 511-532.	1.7	16
53	Diversifying crop rotation improves system robustness. Agronomy for Sustainable Development, 2019, 39, 1.	2.2	52
54	Impact of foreign direct investment on greenhouse gas emissions in agriculture of developing countries. Australian Journal of Agricultural and Resource Economics, 2019, 63, 620-642.	1.3	29
55	Changes in the spatial pattern of rice exposure to heat stress in China over recent decades. Climatic Change, 2019, 154, 229-240.	1.7	7

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56	Towards reliable extreme weather and climate event attribution. <i>Nature Communications</i> , 2019, 10, 1732.	5.8	94
57	Innovation in alternate mulch with straw and plastic management bolsters yield and water use efficiency in wheat-maize intercropping in arid conditions. <i>Scientific Reports</i> , 2019, 9, 6364.	1.6	22
58	21st Century Climate Change Impacts on Key Properties of a Large-Scale Renewable-Based Electricity System. <i>Joule</i> , 2019, 3, 992-1005.	11.7	31
59	What is the potential of silver fir to thrive under warmer and drier climate?. <i>European Journal of Forest Research</i> , 2019, 138, 547-560.	1.1	65
60	WEATHER AND CLIMATE AS EVENTS: CONTRIBUTIONS TO THE PUBLIC IDEA OF CLIMATE CHANGE. <i>International Journal of Big Data Mining for Global Warming</i> , 2019, 01, 1950005.	0.5	0
61	Developmental Risk and Resilience in the Context of Devastation and Forced Migration. , 2019, , 84-111.		16
62	Children's Migratory Paths Between Cultures: The Effects of Migration Experiences on the Adjustment of Children and Families. , 2019, , 112-130.		2
63	Community-Based Social Marketing—Creating Lasting, Sustainable, Environmental Change: Case Study of a Household Stormwater Management Program in the Region of Waterloo, Ontario. <i>Social Marketing Quarterly</i> , 2019, 25, 308-326.	0.9	6
64	Rice exposure to cold stress in China: how has its spatial pattern changed under climate change?. <i>European Journal of Agronomy</i> , 2019, 103, 73-79.	1.9	14
65	Tracking climate change in Central Asia through temperature and precipitation extremes. <i>Journal of Chinese Geography</i> , 2019, 29, 3-28.	1.5	51
66	Environmental Sustainability and Systems Thinking: A Foundation for More Effective Climate Policy. , 2019, , 1-14.		0
67	Differential investment in pre- and post-mating male sexual traits in response to prolonged exposure to ambient UVB radiation in a fish. <i>Science of the Total Environment</i> , 2020, 712, 136341.	3.9	7
68	Sustainable mobility at the interface of transport and tourism. <i>Journal of Sustainable Tourism</i> , 2020, 28, 129-143.	5.7	36
69	Comparative analysis of probability distributions for the Standardized Precipitation Index and drought evolution in China during 1961–2015. <i>Theoretical and Applied Climatology</i> , 2020, 139, 1363-1377.	1.3	22
70	Stable isotopes indicate ecosystem restructuring following climate-driven mangrove dieback. <i>Limnology and Oceanography</i> , 2020, 65, 1251-1263.	1.6	16
71	Climate change and the genetics of insecticide resistance. <i>Pest Management Science</i> , 2020, 76, 846-852.	1.7	46
72	Nature-Based Solutions Forming Urban Intervention Approaches to Anthropogenic Climate Change: A Quantitative Literature Review. <i>Sustainability</i> , 2020, 12, 7439.	1.6	10
73	Hydrometeorological Drought Forecasting in Hyper-Arid Climates Using Nonlinear Autoregressive Neural Networks. <i>Water (Switzerland)</i> , 2020, 12, 2611.	1.2	16

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74	Severe weather event attribution: Why values won't go away. <i>Studies in History and Philosophy of Science Part A</i> , 2020, 84, 142-149.	0.6	23
75	Role of knowledge, behavior, norms, and e-guidelines in controlling the spread of COVID-19: evidence from Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40329-40345.	2.7	9
76	Extreme temperatures and time use in China. <i>Journal of Economic Behavior and Organization</i> , 2020, 180, 309-324.	1.0	22
77	Transnational fathers: New theoretical and conceptual challenges. <i>Journal of Family Theory and Review</i> , 2021, 13, 266-282.	1.2	4
78	Strategic design and finance of rainwater harvesting to cost-effectively meet large-scale urban water infrastructure needs. <i>Water Research</i> , 2020, 184, 116063.	5.3	29
79	100 Opportunities for More Inclusive Ocean Research: Cross-Disciplinary Research Questions for Sustainable Ocean Governance and Management. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	32
80	A systematic review of local to regional yield forecasting approaches and frequently used data resources. <i>European Journal of Agronomy</i> , 2020, 120, 126153.	1.9	42
81	Association between meteorological indicators and COVID-19 pandemic in Pakistan. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40378-40393.	2.7	32
82	An extreme cold event leads to community-wide convergence in lower temperature tolerance in a lizard community. <i>Biology Letters</i> , 2020, 16, 20200625.	1.0	12
83	The intersection of food insecurity and health for rural Malawian women at the end of life. <i>International Journal of Palliative Nursing</i> , 2020, 26, 372-382.	0.2	3
84	Biogeographic parallels in thermal tolerance and gene expression variation under temperature stress in a widespread bumble bee. <i>Scientific Reports</i> , 2020, 10, 17063.	1.6	42
85	Disaster Risk Science: A Geographical Perspective and a Research Framework. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 426-440.	1.3	58
86	Statistical development of microgrid resilience during islanding operations. <i>Applied Energy</i> , 2020, 279, 115724.	5.1	31
87	Climate Disaster Risks—Empirics and a Multi-Phase Dynamic Model. <i>Econometrics</i> , 2020, 8, 33.	0.5	10
88	Deep Neural Networks for Future Low Carbon Energy Technologies: Potential, Challenges and Economic Development. , 2020, , .		0
89	Effects of Urbanization on Regional Extreme-Temperature Changes in China, 1960–2016. <i>Sustainability</i> , 2020, 12, 6560.	1.6	18
90	Natural disasters and the economy. <i>Review of Regional Research</i> , 2020, 40, 107-111.	0.6	0
91	Reliability and resilience in a regulated electricity market: Hong Kong under Typhoon Mangkhut. <i>Utilities Policy</i> , 2020, 67, 101134.	2.1	5

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93	Reduction of Environmental Impacts Due to Using Permeable Pavements to Harvest Stormwater. <i>Water (Switzerland)</i> , 2020, 12, 2840.	1.2	9
94	Global Phosphorus Losses from Croplands under Future Precipitation Scenarios. <i>Environmental Science & Technology</i> , 2020, 54, 14761-14771.	4.6	20
95	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12192-12200.	3.3	140
96	Reinforcement of vegetated and unvegetated dunes by a rocky core: A viable alternative for dissipating waves and providing protection?. <i>Coastal Engineering</i> , 2020, 158, 103675.	1.7	10
97	A spatial analysis of climate gentrification in Orleans Parish, Louisiana post-Hurricane Katrina. <i>Environmental Research</i> , 2020, 185, 109384.	3.7	37
98	Spatial and temporal distribution and trend in flood and drought disasters in East China. <i>Environmental Research</i> , 2020, 185, 109406.	3.7	60
99	From Understanding to Sustainable Use of Peatlands: The WETSCAPES Approach. <i>Soil Systems</i> , 2020, 4, 14.	1.0	45
100	Pores for Thought: Can Genetic Manipulation of Stomatal Density Protect Future Rice Yields?. <i>Frontiers in Plant Science</i> , 2019, 10, 1783.	1.7	49
101	Two major modes of East Asian marine heatwaves. <i>Environmental Research Letters</i> , 2020, 15, 074008.	2.2	25
102	Drought and flood occurrences in the Lancang River Basin during the last 60 years: their variations and teleconnections with monsoons. <i>Journal of Water and Climate Change</i> , 2020, 11, 1798-1810.	1.2	5
103	Aboveground Biomass Allometric Models for Evergreen Broad-Leaved Forest Damaged by a Serious Ice Storm in Southern China. <i>Forests</i> , 2020, 11, 320.	0.9	6
104	Multisystem Resilience for Children and Youth in Disaster: Reflections in the Context of COVID-19. <i>Adversity and Resilience Science</i> , 2020, 1, 95-106.	1.2	284
105	Oil spill from the Era: Mangroves taking eons to recover. <i>Marine Pollution Bulletin</i> , 2020, 153, 110965.	2.3	18
106	Environmental Particulate Matter Levels during 2017 Large Forest Fires and Megafires in the Center Region of Portugal: A Public Health Concern?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1032.	1.2	32
107	Development Aid, Drought, and Coping Capacity. <i>Journal of Development Studies</i> , 2020, 56, 1578-1593.	1.2	10
108	Encounter Probability and Risk of Flood and Drought under Future Climate Change in the Two Tributaries of the Rao River Basin, China. <i>Water (Switzerland)</i> , 2020, 12, 104.	1.2	4
109	Impact of meteorological factors on the COVID-19 transmission: A multi-city study in China. <i>Science of the Total Environment</i> , 2020, 726, 138513.	3.9	432
110	On the linkage between extreme rainfall and the Madden-Julian Oscillation over the Indian region. <i>Meteorological Applications</i> , 2020, 27, e1901.	0.9	13

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111	Population dynamics and life history traits of <i>Daphnia magna</i> across thermal regimes of environments. <i>Science of the Total Environment</i> , 2020, 723, 137963.	3.9	14
112	Innovation for climate change adaptation and technical efficiency: an empirical analysis in the European agricultural sector. <i>Economia Politica</i> , 2021, 38, 597-623.	1.2	9
113	Ecophysiology of <i>Pilocarpus microphyllus</i> in response to temperature, water availability and vapour pressure deficit. <i>Trees - Structure and Function</i> , 2021, 35, 543-555.	0.9	4
114	Dependence on a human structure influences the extinction of a non-native lizard population after a major environmental change. <i>Biological Invasions</i> , 2021, 23, 825-842.	1.2	4
115	Proteome profiling of repeated drought stress reveals genotype-specific responses and memory effects in maize. <i>Plant Physiology and Biochemistry</i> , 2021, 159, 67-79.	2.8	16
116	Persistence of tri-trophic interactions in seasonal environments. <i>Journal of Animal Ecology</i> , 2021, 90, 298-310.	1.3	0
117	Selection patterns on early-life phenotypic traits in <i>Pinus sylvestris</i> are associated with precipitation and temperature along a climatic gradient in Europe. <i>New Phytologist</i> , 2021, 229, 3009-3025.	3.5	16
118	Characterisation and Impacts of Tornado-Induced Flooding and Windstorms in Mpumalanga Province, South Africa. <i>Sustainable Development Goals Series</i> , 2021, , 257-269.	0.2	0
119	Carbon Dynamics and Stream Ecosystem Metabolism. , 2021, , 421-452.		2
120	Let's get physical: Comparing metrics of physical climate risk. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
121	An alternative, low-cost method to chill water for critical thermal minima trials. <i>Journal of Applied Ichthyology</i> , 2021, 37, 615-622.	0.3	0
122	Strategies for Successful Research to Application Projects: A Case Study of the National Sea Grant College Program. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	1
123	Carceral and Climate Crises and Health Inequities: A Call for Greater Transparency, Accountability, and Human Rights Protections. <i>World Medical and Health Policy</i> , 2021, 13, 69-96.	0.9	3
125	El Niño "Southern Oscillation drives variations in growth and otolith chemistry in a top predatory fish. <i>Ecological Indicators</i> , 2021, 121, 106989.	2.6	9
126	Climate change as a driver of food insecurity in the 2007 Lesotho-South Africa drought. <i>Scientific Reports</i> , 2021, 11, 3852.	1.6	40
127	The relation of COVID-19 to the UN sustainable development goals: implications for sustainability accounting, management and policy research. <i>Sustainability Accounting, Management and Policy Journal</i> , 2021, 12, 877-888.	2.4	40
128	Extreme weather events and military conflict over seven centuries in ancient Korea. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	9
129	Storm Gloria: Sea State Evolution Based on in situ Measurements and Modeled Data and Its Impact on Extreme Values. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	23

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130	Prediction skill of Sahelian heatwaves out to subseasonal lead times and importance of atmospheric tropical modes of variability. <i>Climate Dynamics</i> , 2021, 57, 537-556.	1.7	6
131	Impact of wind speed and air pollution on COVID-19 transmission in Pakistan. <i>International Journal of Environmental Science and Technology</i> , 2021, 18, 1287-1298.	1.8	9
132	Observed Decrease in Soil and Atmosphere Temperature Coupling in Recent Decades Over Northern Eurasia. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092500.	1.5	1
133	Dams and Climate Interact to Alter River Flow Regimes Across the United States. <i>Earth's Future</i> , 2021, 9, e2020EF001816.	2.4	30
134	Metabolic Engineering of <i>Cupriavidus necator</i> H16 for Sustainable Biofuels from CO ₂ . <i>Trends in Biotechnology</i> , 2021, 39, 412-424.	4.9	77
135	Concurrent Changes in Extreme Hydroclimate Events in the Colorado River Basin. <i>Water (Switzerland)</i> , 2021, 13, 978.	1.2	7
136	Over-projected Pacific warming and extreme El Niño frequency due to CMIP5 common biases. <i>National Science Review</i> , 2021, 8, nwab056.	4.6	20
137	Above- and belowground biodiversity jointly drive ecosystem stability in natural alpine grasslands on the Tibetan Plateau. <i>Global Ecology and Biogeography</i> , 2021, 30, 1418-1429.	2.7	40
138	An overview of climate change impacts on the society in China. <i>Advances in Climate Change Research</i> , 2021, 12, 210-223.	2.1	27
139	The estimation of non-irrigated crop area and production using the regression analysis approach: A case study of Bursa Region (Turkey) in the mid-nineteenth century. <i>PLoS ONE</i> , 2021, 16, e0251091.	1.1	4
140	Health Risks to the Russian Population from Weather Extremes in the Beginning of the XXI Century. Part 1. Heat and Cold Waves. <i>Issues of Risk Analysis</i> , 2021, 18, 12-33.	0.1	7
141	A New Extreme Detection Method for Remote Compound Extremes in Southeast China. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
142	The myriad of complex demographic responses of terrestrial mammals to climate change and gaps of knowledge: A global analysis. <i>Journal of Animal Ecology</i> , 2021, 90, 1398-1407.	1.3	30
144	Pathways of climate resilience over the 21st century. <i>Environmental Research Letters</i> , 2021, 16, 054058.	2.2	14
145	A latitudinal gradient in thermal transgenerational plasticity and a test of theory. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210797.	1.2	6
146	Impact of successive spring frosts on leaf phenology and radial growth in three deciduous tree species with contrasting climate requirements in central Spain. <i>Tree Physiology</i> , 2021, 41, 2279-2292.	1.4	13
147	Climate Change and Emerging Food Safety Issues: A Review. <i>Journal of Food Protection</i> , 2021, 84, 1884-1897.	0.8	65
148	Extreme Meteorological Events in a Coastal Lagoon Ecosystem: The Ria de Aveiro Lagoon (Portugal) Case Study. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 727.	1.2	5

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149	Severity of drought and heatwave crop losses tripled over the last five decades in Europe. <i>Environmental Research Letters</i> , 2021, 16, 065012.	2.2	114
150	A black dog enters the home: hunger and malnutrition in Malawi. <i>Medical Humanities</i> , 2021, 47, e8-e8.	0.6	0
151	Warmer springs have increased the frequency and extension of late-frost defoliations in southern European beech forests. <i>Science of the Total Environment</i> , 2021, 775, 145860.	3.9	37
152	Correlation between the positive rate of SAA in children with respiratory tract infection and ambient temperature. <i>Environmental Science and Pollution Research</i> , 2021, 28, 61072-61079.	2.7	0
153	Flood Control Risk Identification and Quantitative Assessment of a Large-Scale Water Transfer Project. <i>Water (Switzerland)</i> , 2021, 13, 1770.	1.2	2
154	Inheritance of heat tolerance in perennial ryegrass (<i>Lolium perenne</i> , Poaceae): evidence from progeny array analysis. <i>PeerJ</i> , 2021, 9, e11782.	0.9	3
155	Non-stationary frequency analysis of extreme streamflow disturbance in a typical ecological function reserve of China under a changing climate. <i>Ecohydrology</i> , 2021, 14, e2323.	1.1	17
156	Climate relict vulnerable to extinction from multiple climate-driven threats. <i>Diversity and Distributions</i> , 2021, 27, 2124-2135.	1.9	1
157	Using a Serious Digital Game to Communicate Drought Risk in Singapore: An Experimental Study. <i>Environment and Behavior</i> , 2022, 54, 450-486.	2.1	2
158	Negative relationship between thermal tolerance and plasticity in tolerance emerges during experimental evolution in a widespread marine invertebrate. <i>Evolutionary Applications</i> , 2021, 14, 2114-2123.	1.5	21
159	Evaluation of morphological, physiological, and biochemical traits for assessing drought resistance in eleven tree species. <i>Science of the Total Environment</i> , 2021, 779, 146466.	3.9	107
160	Biostimulant Substances for Sustainable Agriculture: Origin, Operating Mechanisms and Effects on Cucurbits, Leafy Greens, and Nightshade Vegetables Species. <i>Biomolecules</i> , 2021, 11, 1103.	1.8	42
161	Can Parametric Microinsurance Improve the Financial Resilience of Low-Income Households in the United States?. <i>Economics of Disasters and Climate Change</i> , 2021, 5, 301-327.	1.3	3
163	Effects of short-term physiological and psychological adaptation on summer thermal comfort of outdoor exercising people in China. <i>Building and Environment</i> , 2021, 198, 107877.	3.0	37
164	Canals, climate, and corruption: The provisioning of public infrastructure under uncertainty. <i>Economics and Politics</i> , 2022, 34, 221-252.	0.5	1
165	Biochar Application Mitigates the Effect of Heat Stress on Rice (<i>Oryza sativa</i> L.) by Regulating the Root-Zone Environment. <i>Frontiers in Plant Science</i> , 2021, 12, 711725.	1.7	14
166	No historical evidence for increased vulnerability of French crop production to climatic hazards. <i>Agricultural and Forest Meteorology</i> , 2021, 306, 108453.	1.9	5
167	A review on the significance and perspective of the numerical simulations of outdoor thermal environment. <i>Sustainable Cities and Society</i> , 2021, 71, 102971.	5.1	50

#	ARTICLE	IF	CITATIONS
168	Spatial overlap of wildfire and biodiversity in California highlights gap in non-conifer fire research and management. <i>Diversity and Distributions</i> , 2022, 28, 529-541.	1.9	13
170	Climatic displacement exacerbates the negative impact of drought on plant performance and associated arthropod abundance. <i>Ecology</i> , 2021, 102, e03462.	1.5	7
171	Trends in probabilities of temperature records in the <sc>non-stationary</sc> climate of South Africa. <i>International Journal of Climatology</i> , 2022, 42, 1692-1705.	1.5	6
172	Spatiotemporal variations in damages to cropland from agrometeorological disasters in mainland China during 1978-2018. <i>Science of the Total Environment</i> , 2021, 785, 147247.	3.9	17
173	Disentangling the trend in the warming of urban areas into global and local factors. <i>Annals of the New York Academy of Sciences</i> , 2021, 1504, 230-246.	1.8	9
174	Addressing the global snakebite crisis with geo-spatial analyses - Recent advances and future direction. <i>Toxicon: X</i> , 2021, 11, 100076.	1.2	13
175	Thermal and Oxygen Flight Sensitivity in Ageing <i>Drosophila melanogaster</i> Flies: Links to Rapamycin-Induced Cell Size Changes. <i>Biology</i> , 2021, 10, 861.	1.3	7
176	Tree mortality of European beech and Norway spruce induced by 2018-2019 hot droughts in central Germany. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108482.	1.9	86
177	Story of the hurricane: Government, NGOs, and the difference in disaster relief targeting. <i>Journal of Development Economics</i> , 2021, 152, 102702.	2.1	2
178	Let's get physical: Comparing metrics of physical climate risk. <i>Finance Research Letters</i> , 2022, 46, 102406.	3.4	12
179	Climate change impacts and urban green space adaptation efforts: Evidence from U.S. municipal parks and recreation departments. <i>Urban Climate</i> , 2021, 39, 100962.	2.4	16
180	Assessing disaster risk by integrating natural and socio-economic dimensions: A decision-support tool. <i>Socio-Economic Planning Sciences</i> , 2021, 77, 101032.	2.5	17
181	Evaluation of artificial intelligence models for flood and drought forecasting in arid and tropical regions. <i>Environmental Modelling and Software</i> , 2021, 144, 105136.	1.9	43
182	Global analysis of the hydrologic sensitivity to climate variability. <i>Journal of Hydrology</i> , 2021, 603, 126720.	2.3	5
183	Improvements in subseasonal forecasts of rainfall extremes by statistical postprocessing methods. <i>Weather and Climate Extremes</i> , 2021, 34, 100384.	1.6	2
184	Effects of tree plantings and aspect ratios on pedestrian visual and thermal comfort using scaled outdoor experiments. <i>Science of the Total Environment</i> , 2021, 801, 149527.	3.9	34
185	Transboundary river basins: Scenarios of hydropower development and operation under extreme climate conditions. <i>Science of the Total Environment</i> , 2022, 803, 149828.	3.9	5
186	Extreme Weather and the Macroeconomy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2

#	ARTICLE	IF	CITATIONS
187	Extreme events and climate change: A multidisciplinary approach. , 2021, , 1-7.		1
188	Climate shock effects and mediation in fisheries. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
189	Climate Change: Macroeconomic Impact and Implications for Monetary Policy. Palgrave Studies in Sustainable Business in Association With Future Earth, 2020, , 13-38.	0.5	34
190	Wind amplifies the polar sea ice retreat. Environmental Research Letters, 2020, 15, 124022.	2.2	22
192	Climate Change and Mental Health: Implications for Nurses. Journal of Psychosocial Nursing and Mental Health Services, 2020, 58, 25-30.	0.3	8
193	Stable isotopes track the ecological and biogeochemical legacy of mass mangrove forest dieback in the Gulf of Carpentaria, Australia. Biogeosciences, 2020, 17, 5599-5613.	1.3	6
197	Geospatial Variability and Distribution of Rainfall and Temperature Extreme Indices in the Jimma Zone, Southwest Ethiopia. SSRN Electronic Journal, 0, , .	0.4	0
198	In Vitro Effects of Particulate Matter Associated with a Wildland Fire in the North-West of Italy. International Journal of Environmental Research and Public Health, 2021, 18, 10812.	1.2	7
199	Specified resilience value of alternative forest management adaptations to storms. Scandinavian Journal of Forest Research, 2021, 36, 585-597.	0.5	14
200	Forest understorey communities respond strongly to light in interaction with forest structure, but not to microclimate warming. New Phytologist, 2022, 233, 219-235.	3.5	32
201	A perfect storm: An anomalous offshore phytoplankton bloom event in the NE Atlantic (March 2009). Science of the Total Environment, 2022, 806, 151253.	3.9	6
202	Impact of climate variability and extreme rainfall events on sugarcane yield gap in a tropical Island. Field Crops Research, 2021, 274, 108326.	2.3	13
203	Earth System Disruption. SpringerBriefs in Energy, 2017, , 31-36.	0.2	0
204	Climate change and coastal policy: the need to address erosion-flooding interactions for effective coastal risk management. Geography, 2019, 104, 60-70.	0.2	0
205	Environmental Sustainability and Systems Thinking: A Foundation for More Effective Climate Policy. , 2020, , 1597-1610.		0
206	Introduction: International Network for the Sustainability of Drylandsâ€™ Transdisciplinary and Participatory Research for Dryland Stewardship and Sustainable Development. Springer Climate, 2020, , 1-24.	0.3	1
207	Impact of marine heatwaves on chlorophyll: a variability using Geostationary Ocean Color Imager (GOCI). , 2019, , .		0
208	Introduction to the Book: â€œAhead of the Curveâ€ Extreme Weather and Society, 2020, , 1-31.	1.4	1

#	ARTICLE	IF	CITATIONS
209	The Influence of Natural and Anthropogenic Forcing on Water and Energy Balance and on Photosynthesis. <i>Land</i> , 2021, 10, 1151.	1.2	0
210	Site fidelity and behavioral plasticity regulate an ungulate's response to extreme disturbance. <i>Ecology and Evolution</i> , 2021, 11, 15683-15694.	0.8	11
211	Detecting spikes and change points in climate-food system: A case study in France. <i>Environmental Science and Policy</i> , 2022, 127, 146-160.	2.4	3
212	Promoting enhanced ecosystem services from cover crops using intra- and interspecific diversity. <i>Agriculture, Ecosystems and Environment</i> , 2022, 323, 107586.	2.5	11
213	Global Warming and the Role of Environmental Policy in Protecting the U.S. Quality of Life. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
214	The Temporality of Disaster: Data, the Emergency, and Climate Change. <i>Anthropocenes – Human Inhuman Posthuman</i> , 2020, 1, .	0.5	4
215	Systems Approach for Climate Change Impacts on Urban Health: Conceptual Framework, Modelling and Practice. <i>Advances in Geographical and Environmental Sciences</i> , 2020, , 3-31.	0.4	0
216	Climate Change Risk and the Costs of Mortgage Credit. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
217	Characteristics and Determinants of the Resilience of Smallholder Farmers: Lessons from Application of the RIMA II Methodology in Eastern Africa. , 2021, , 1547-1569.		0
218	High-Resolution WRF Simulation of Extreme Heat Events in Eastern China: Large Sensitivity to Land Surface Schemes. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
219	Impacts of oil shocks on the EU carbon emissions allowances under different market conditions. <i>Energy Economics</i> , 2021, 104, 105683.	5.6	18
220	Inclusive wealth index measuring sustainable development potentials for Chinese cities. <i>Global Environmental Change</i> , 2022, 72, 102417.	3.6	23
221	A pluralist approach to epistemic dilemmas in event attribution science. <i>Climatic Change</i> , 2021, 169, 1.	1.7	1
222	Meteorological Factors Influence the Presence of Fungi in the Air; A 14-Month Surveillance Study at an Adult Cystic Fibrosis Center. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 759944.	1.8	6
223	Effect of meteorological factors on the COVID-19 cases: a case study related to three major cities of the Kingdom of Saudi Arabia. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21811-21825.	2.7	4
224	AI-Based Yield Prediction and Smart Irrigation. <i>Studies in Big Data</i> , 2022, , 113-140.	0.8	1
225	Defining dual-axis landscape gradients of human influence for studying ecological processes. <i>PLoS ONE</i> , 2021, 16, e0252364.	1.1	5
226	Does Distributive Justice Improve Welfare Outcomes in Climate Adaptation? An Exploration Using an Agent-Based Model of a Stylized Social "Environmental System. <i>Sustainability</i> , 2021, 13, 12648.	1.6	0

#	ARTICLE	IF	CITATIONS
227	First Year Survival of Hatchling Eastern Box Turtles (<i>Terrapene carolina carolina</i>) at Their Northern Range Limit in Michigan's Lower Peninsula. <i>Journal of Herpetology</i> , 2021, 55, .	0.2	2
228	Data-based wildfire risk model for Mediterranean ecosystems – case study of the Concepci3n metropolitan area in central Chile. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 3663-3678.	1.5	6
229	The Effects of Natural Disasters on Price Stability in the Euro Area. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
230	No Climate-Resilient Society Without a Resilient Transport System. , 2021, , 1147-1175.		0
231	Overview the Values of the Long-distance Trails in the Country Parks of Hong Kong. <i>Tourism Planning and Development</i> , 2022, 19, 187-203.	1.3	2
232	A framework for quantifying fatigue deterioration of ship structures under changing climate conditions. <i>Ships and Offshore Structures</i> , 0, , 1-16.	0.9	1
233	A modified isotope-based method for potential high-frequency evapotranspiration partitioning. <i>Advances in Water Resources</i> , 2022, 160, 104103.	1.7	4
234	Mapping and assessment of future changes in the coastal and marine ecosystem services supply in Lithuania. <i>Science of the Total Environment</i> , 2022, 812, 152586.	3.9	7
235	Role of essential climate variables and black carbon in climate change: Possible mitigation strategies. , 2022, , 31-53.		0
236	Will population exposure to heat extremes intensify over Southeast Asia in a warmer world?. <i>Environmental Research Letters</i> , 2022, 17, 044006.	2.2	19
238	Integrating regional and site-level data to assess drivers of population decline in a threatened aerial insectivorous bird. <i>Biological Conservation</i> , 2022, 265, 109424.	1.9	6
239	Application of Non-stationary Extreme Value Analysis to Satellite-Observed Sea Surface Temperature Data for Past Decades. <i>Frontiers in Marine Science</i> , 2022, 8, .	1.2	3
240	Croplands decreased stability of streamflow with changing climate: An investigation of catchments in Illinois. <i>Journal of Hydrology</i> , 2022, 606, 127461.	2.3	6
241	Disentangling relations between urban form and urban accessibility for resilience to extreme weather and climate events. <i>Landscape and Urban Planning</i> , 2022, 220, 104352.	3.4	8
242	Benefits of Crop Rotation on Climate Resilience and Its Prospects in China. <i>Agronomy</i> , 2022, 12, 436.	1.3	47
243	Frequency and geospatial vulnerability indices of rainfall and temperature extremes in the Jimma Zone, Ethiopia. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 176.	1.3	1
244	Evolution of thermal physiology alters the projected range of threespine stickleback under climate change. <i>Molecular Ecology</i> , 2022, 31, 2312-2326.	2.0	2
245	Altered precipitation has asymmetric impacts on annual plant communities in warm and cool growing seasons. <i>Elementa</i> , 2022, 10, .	1.1	1

#	ARTICLE	IF	CITATIONS
246	Expectations of Future Natural Hazards in Human Adaptation to Concurrent Extreme Events in the Colorado River Basin. <i>Climate</i> , 2022, 10, 27.	1.2	1
248	Mercury variation over the last century in dated sediment cores across Brazil: a systematic review of literature. <i>Environmental Forensics</i> , 0, , 1-11.	1.3	0
249	Healthcare system resilience in Bangladesh and Haiti in times of global changes (climate-related) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Services Research, 2022, 22, 340.	0.9	3
250	A probabilistic climate change assessment for Europe. <i>International Journal of Climatology</i> , 2022, 42, 6699-6715.	1.5	4
251	The effect of absolute versus relative temperature on health and the role of social care. <i>Health Economics (United Kingdom)</i> , 2022, 31, 1228-1248.	0.8	6
252	Characterizing individual mobility perturbations in cities during extreme weather events. <i>International Journal of Disaster Risk Reduction</i> , 2022, 72, 102849.	1.8	13
253	Climate change-induced variations in blue and green water usage in U.S. urban agriculture. <i>Journal of Cleaner Production</i> , 2022, 348, 131326.	4.6	12
254	Undernutrition is feeding the tuberculosis pandemic: A perspective. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2022, 27, 100311.	0.6	10
255	Impact of high, low, and non-optimum temperatures on chronic kidney disease in a changing climate, 1990 to 2019: A global analysis. <i>Environmental Research</i> , 2022, 212, 113172.	3.7	14
256	The Impacts of Extreme Weather Events on Inflation and the Implications for Monetary Policy in Africa. <i>Progress in Development Studies</i> , 2022, 22, 130-148.	1.0	6
258	Heat stress during development makes antlion larvae more responsive to vibrational cues. <i>Environmental Epigenetics</i> , 2022, 68, 345-350.	0.9	0
259	Climate Change, Inequality, and Human Migration. <i>Journal of the European Economic Association</i> , 2022, 20, 1145-1197.	1.9	18
260	Climate crisis mitigation and adaptation: educational and developmental psychology's responsibility in helping face this threat. <i>Educational and Developmental Psychologist</i> , 2022, 39, 1-4.	0.4	4
261	Predicting extreme events from data using deep machine learning: When and where. <i>Physical Review Research</i> , 2022, 4, .	1.3	7
262	The Relative Role of Knowledge and Empathy in Predicting Pro-Environmental Attitudes and Behavior. <i>Sustainability</i> , 2022, 14, 4622.	1.6	8
263	The seasonal response of in situ denitrification and DNRA rates to increasing nitrate availability. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 271, 107856.	0.9	5
266	Age Structure and Carbon Emission with Climate-Extended STIRPAT Model-A Cross-Country Analysis. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	5
267	Development of the biotic impacts of climate change core concepts (BIC ⁴) framework. <i>Environmental Education Research</i> , 2022, 28, 1175-1190.	1.6	1

#	ARTICLE	IF	CITATIONS
268	An Updated Review of Event Attribution Approaches. <i>Journal of Meteorological Research</i> , 2022, 36, 227-238.	0.9	10
269	Global risks of <i>Bedellia somnulentella</i> (Lepidoptera: Bedelliidae) invasion: a modeling exercise using a mechanistic model, <i>CLIMEX. Theoretical and Applied Climatology</i> , 2022, 149, 401-411.	1.3	5
270	Climate change increased the compound extreme precipitation-flood events in a representative watershed of the Yangtze River Delta, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2022, 36, 3803-3818.	1.9	4
271	Environmentally-appropriate technology under lack of resources and knowledge: Solar-powered cocoa dryer in rural Nias, Indonesia. <i>Cleaner Engineering and Technology</i> , 2022, 8, 100494.	2.1	2
272	A multi-model framework for assessing long- and short-term climate influences on the electric grid. <i>Applied Energy</i> , 2022, 317, 119193.	5.1	7
273	Socialising Attribution of Climate Events: Progress, Myths and Future Outlook. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
274	Beaver: The North American freshwater climate action plan. <i>Wiley Interdisciplinary Reviews: Water</i> , 2022, 9, .	2.8	13
275	Bushtit (<i>Psaltriparus minimus</i>) nestling mortality associated with unprecedented June 2021 heatwave in Portland, Oregon. <i>Wilson Journal of Ornithology</i> , 2022, 134, .	0.1	1
276	Investigation into the thermal comfort and physiological adaptability of outdoor physical training in college students. <i>Science of the Total Environment</i> , 2022, 839, 155979.	3.9	15
277	Disasters triggered by natural hazards and terrorism: A bibliometric network analysis into the intellectual structure of a cross-disciplinary research field. <i>International Journal of Disaster Risk Reduction</i> , 2022, , 103045.	1.8	2
278	Gene Co-expression Network and Regression Analysis Identify the Transcriptomic, Physiological, and Biochemical Indicators of the Response of Alpine Woody Plant <i>Rhododendron rex</i> to Drought Stress. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	2
279	Improve the Deep Learning Models in Forestry Based on Explanations and Expertise. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	5
281	Opportunities and Emerging Challenges of the Heterogeneous Metal-Based Catalysts for Vegetable Oil Epoxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 7426-7446.	3.2	10
282	Coastal high-frequency radars in the Mediterranean – Part 2: Applications in support of science priorities and societal needs. <i>Ocean Science</i> , 2022, 18, 797-837.	1.3	11
283	Overcoming the disconnect between energy system and climate modeling. <i>Joule</i> , 2022, 6, 1405-1417.	11.7	31
286	Nowcasting Extreme Weather with Machine Learning Techniques Applied to Different Input Datasets. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
287	Land Use and Climate Change Altered the Ecological Quality in the Luanhe River Basin. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7719.	1.2	4
288	Effects of sublethal single, simultaneous and sequential abiotic stresses on phenotypic traits of <i>Arabidopsis thaliana</i> . <i>AoB PLANTS</i> , 2022, 14, .	1.2	5

#	ARTICLE	IF	CITATIONS
289	Can Infrastructure, Built Environment, and Geographic Factor Negate Weather Impact on Cycling?. SSRN Electronic Journal, 0, , .	0.4	0
290	Seasonal weather effects on offspring survival differ between reproductive stages in a long-lived neotropical seabird. <i>Oecologia</i> , 2022, 199, 611-623.	0.9	3
291	Indoor Environmental Quality Assessment and Occupant Satisfaction: A Post-Occupancy Evaluation of a UAE University Office Building. <i>Buildings</i> , 2022, 12, 986.	1.4	11
292	Transfer learning improves landslide susceptibility assessment. <i>Gondwana Research</i> , 2023, 123, 238-254.	3.0	12
293	Learning from the past: a machine-learning approach for predicting the resilience of locked-in regions after a natural shock. <i>Regional Studies</i> , 2023, 57, 2537-2550.	2.5	2
294	Does economic development reduce disaster damage risk from floods in India? Empirical evidence using the ZINB model. <i>International Journal of Disaster Risk Reduction</i> , 2022, 79, 103163.	1.8	9
295	Responding strategically to natural hazards: the role of hazard experience, infrastructure vulnerability, and risk perception in transit agency coordination with stakeholders. <i>Journal of Environmental Planning and Management</i> , 2024, 67, 108-130.	2.4	0
296	Understory plant communities show resistance to drought, hurricanes, and experimental warming in a wet tropical forest. <i>Frontiers in Forests and Global Change</i> , 0, 5, .	1.0	2
297	The first records of sea star wasting disease in <i>Crossaster papposus</i> in Europe. <i>Biology Letters</i> , 2022, 18, .	1.0	5
298	Size at Birth, Postnatal Growth and Reproductive Timing in an Australian Microbat. <i>Integrative Organismal Biology</i> , 0, , .	0.9	2
299	Effect of extreme weather on the breeding parameters of great tits <i>Parus major</i> : comparison of two very different seasons. , 2022, 89, 927-940.		0
300	Chemical Toxicants in Water: A <i>GeoHealth</i> Perspective in the Context of Climate Change. <i>GeoHealth</i> , 2022, 6, .	1.9	1
301	An analytical framework for determining the ecological risks of wastewater discharges in river networks under climate change. <i>Earth's Future</i> , 0, , .	2.4	0
302	Machine learning estimation of snow depth in 2021 Texas statewide winter storm using SAR imagery. <i>Geophysical Research Letters</i> , 0, , .	1.5	5
303	The shocks of climate change on economic growth in developing economies: Evidence from Iran. <i>Journal of Cleaner Production</i> , 2022, 372, 133687.	4.6	8
304	Indices of extremes: geographic patterns of change in extremes and associated vegetation impacts under climate intervention. <i>Earth System Dynamics</i> , 2022, 13, 1233-1257.	2.7	10
305	Enhanced hydrological cycling and continental weathering during the Jenkyns Event in a lake system in the Sichuan Basin, China. <i>Global and Planetary Change</i> , 2022, 216, 103915.	1.6	3
306	Inflation and COVID-19 Supply Chain Disruption. <i>Advances in Logistics, Operations, and Management Science Book Series</i> , 2022, , 10-23.	0.3	1

#	ARTICLE	IF	CITATIONS
307	FEA modelling and environmental assessment of a thin-walled composite drive shaft. <i>Thin-Walled Structures</i> , 2022, 180, 109799.	2.7	5
308	Risk of plastics losses to the environment from Indian landfills. <i>Resources, Conservation and Recycling</i> , 2022, 187, 106610.	5.3	5
309	Meta-Analysis of Effects of Melatonin Treatment on Plant Drought Stress Alleviation. <i>Agriculture (Switzerland)</i> , 2022, 12, 1335.	1.4	5
310	Behavioral and financial coping strategies among energy-insecure households. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	15
311	Will Biochar Suppress or Stimulate Greenhouse Gas Emissions in Agricultural Fields? Unveiling the Dice Game through Data Syntheses. <i>Soil Systems</i> , 2022, 6, 73.	1.0	7
312	Predicting Potential Climate Change Impacts on Groundwater Nitrate Pollution and Risk in an Intensely Cultivated Area of South Asia. <i>ACS Environmental Au</i> , 2022, 2, 556-576.	3.3	5
313	Anthropogenic contaminants in glacial environments II: Release and downstream consequences. <i>Progress in Physical Geography</i> , 2022, 46, 790-808.	1.4	6
314	High, low, and non-optimum temperatures exposure on road injuries in a changing climate: a secondary analysis based on the Global Burden of Disease Study 2019. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	0
315	COVID-19 staycations and the implications for leisure travel. <i>Heliyon</i> , 2022, 8, e10867.	1.4	5
316	Extreme weather and residentsâ€™ pro-environmental behaviors. <i>Frontiers in Environmental Science</i> , 0, 10, .	1.5	2
317	A quantitative analysis of research trends in flood hazard assessment. <i>Stochastic Environmental Research and Risk Assessment</i> , 2023, 37, 413-428.	1.9	14
318	A review of climate change trends and scenarios (2011â€“2021). <i>Current Directions in Water Scarcity Research</i> , 2022, , 545-560.	0.2	2
320	Guvermectin, a novel plant growth regulator, can promote the growth and high temperature tolerance of maize. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
321	Corporate net zero strategyâ€™ Opportunities in startâ€™up driven climate innovation. <i>Business Strategy and the Environment</i> , 2023, 32, 3139-3150.	8.5	5
322	Assessing changes in food pantry access after extreme events. <i>Agriculture and Human Values</i> , 2023, 40, 619-634.	1.7	3
323	Extreme event ecology needs proactive funding. <i>Frontiers in Ecology and the Environment</i> , 2022, 20, 496-497.	1.9	2
325	Exploring a knowledge map for urban resilience to climate change. <i>Cities</i> , 2022, 131, 104048.	2.7	10
326	Impact of high temperature on road injury mortality in a changing climate, 1990â€“2019: A global analysis. <i>Science of the Total Environment</i> , 2023, 857, 159369.	3.9	5

#	ARTICLE	IF	CITATIONS
327	The impact of climate change on the burden of snakebite: Evidence synthesis and implications for primary healthcare. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 6147.	0.3	2
328	Predicting Resilience of Interdependent Urban Infrastructure Systems. <i>IEEE Access</i> , 2022, 10, 116432-116442.	2.6	3
329	Global Embodied Energy Flow and Stock Analysis with Endogeneous Fixed Capital. <i>Environmental Science & Technology</i> , 2022, 56, 17197-17205.	4.6	4
330	Record events attribution in climate studies. <i>Environmetrics</i> , 0, , .	0.6	1
331	Nowcasting extreme rain and extreme wind speed with machine learning techniques applied to different input datasets. <i>Atmospheric Research</i> , 2023, 282, 106548.	1.8	14
332	A comprehensive analysis of biphasic reaction system for economical biodiesel production process. <i>Renewable and Sustainable Energy Reviews</i> , 2023, 173, 113122.	8.2	3
333	Rapid Adaptive Climate Change Model: Application of a Probabilistic Centred Approach to the Minas Passage Bay of Fundy datasets. , 2022, , .		0
334	Assessment of Rainwater Harvesting Facilities Tank Size Based on a Daily Water Balance Model: The Case of Korea. <i>Sustainability</i> , 2022, 14, 15556.	1.6	1
335	A Bayesian framework for studying climate anomalies and social conflicts. <i>Environmetrics</i> , 2023, 34, .	0.6	2
336	Enhancement of river flooding due to global warming. <i>Scientific Reports</i> , 2022, 12, .	1.6	25
338	Technological myopia. <i>Technological Sustainability</i> , 2023, 2, 177-187.	0.4	1
339	A Study on Spatial Accessibility of the Urban Stadium Emergency Response under the Flood Disaster Scenario. <i>Sustainability</i> , 2022, 14, 17041.	1.6	1
340	Climate-modulated range expansion of reef-building coral communities off southeast Florida during the late Holocene. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
341	Multi-Sensor Data Analysis of an Intense Weather Event: The July 2021 Lake Como Case Study. <i>Water (Switzerland)</i> , 2022, 14, 3916.	1.2	2
343	The Relationship between the Built Environment and Climate Change: The Case of Turkish Provinces. <i>Sustainability</i> , 2023, 15, 1659.	1.6	2
344	A comprehensive review of machine learning-based methods in landslide susceptibility mapping. <i>Geological Journal</i> , 2023, 58, 2283-2301.	0.6	44
345	Spatiotemporal analysis of consecutive extreme wet days in China from 1980 to 2020. <i>International Journal of Climatology</i> , 0, , .	1.5	0
346	Constructing air temperature and relative humidity-based hourly thermal comfort dataset for a high-density city using machine learning. <i>Urban Climate</i> , 2023, 47, 101400.	2.4	4

#	ARTICLE	IF	CITATIONS
347	Responses of nematode abundances to increased and reduced rainfall under field conditions: A meta-analysis. <i>Ecosphere</i> , 2023, 14, .	1.0	4
348	A Review of <i>Botryosphaeria</i> Stem Blight Disease of Blueberry from the Perspective of Plant Breeding. <i>Agriculture (Switzerland)</i> , 2023, 13, 100.	1.4	1
349	Analysis of the livelihood and health of internally displaced persons due to riverbank erosion in Bangladesh. <i>Journal of Migration and Health</i> , 2023, 7, 100157.	1.6	8
350	The Dynamic Nexus of Fossil Energy Consumption, Temperature and Carbon Emissions: Evidence from Simultaneous Equation Model. <i>International Journal of Environmental Research and Public Health</i> , 2023, 20, 2042.	1.2	3
351	CO ₂ Aggregation on Monoethanolamine: Observations from Rotational Spectroscopy. <i>Angewandte Chemie</i> , 2023, 135, .	1.6	1
352	CO ₂ Aggregation on Monoethanolamine: Observation from Rotational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 0, , .	7.2	2
353	Detection of responses to drought stress of <i>dalbergia cochinchinensis</i> seedlings using the physiological parameters and thermal imaging. <i>Forest Science and Technology</i> , 2023, 19, 105-115.	0.3	2
354	Impact of extreme weather in production economics: Extracting evidence from user-generated content. <i>International Journal of Production Economics</i> , 2023, 260, 108861.	5.1	11
355	Effects of rising and extreme temperatures on production factor efficiency: Evidence from China's cities. <i>International Journal of Production Economics</i> , 2023, 260, 108847.	5.1	5
356	Climate change mitigation with clean energy: a case study on the potential of solar photovoltaic power plants in eastern Iran. <i>Arabian Journal of Geosciences</i> , 2023, 16, .	0.6	0
357	Forecast-based action for conservation. <i>Conservation Biology</i> , 2023, 37, .	2.4	0
358	43. Phenotypic and genetic trends in American Angus associated with climate variability. , 2022, , .		0
359	Gene expression differences consistent with water loss reduction underlie desiccation tolerance of natural <i>Drosophila</i> populations. <i>BMC Biology</i> , 2023, 21, .	1.7	3
360	Troubles Never Come Alone: Outcome of Multiple Pressures on a Temperate Rocky Reef. <i>Water (Switzerland)</i> , 2023, 15, 825.	1.2	2
361	A brief review of the coupled human-Earth system modeling: Current state and challenges. <i>Infrastructure Asset Management</i> , 2023, 10, 664-684.	1.2	2
362	Human activity and simultaneous high-pressure anomalies influence the long-duration cold events of winter in China. <i>Climate Dynamics</i> , 0, , .	1.7	1
363	The interrelationship between food security, climate change, and gender-based violence: A scoping review with system dynamics modeling. <i>PLOS Global Public Health</i> , 2023, 3, e0000300.	0.5	1
364	Moderate precipitation reduction enhances nitrogen cycling and soil nitrous oxide emissions in a semi-arid grassland. <i>Global Change Biology</i> , 2023, 29, 3114-3129.	4.2	8

#	ARTICLE	IF	CITATIONS
365	Influence of anthropogenic and natural forcings on future changes in precipitation projected by the <scp>CMIP6â€œDAMIP</scp> models. International Journal of Climatology, 2023, 43, 3892-3906.	1.5	1
366	Dust storms and human well-being. Resources and Energy Economics, 2023, 72, 101362.	1.1	1
367	Defining Common Information Requirements for Supporting Multiagency Emergency Operations. Public Administration and Information Technology, 2023, , 307-322.	0.6	0
369	Silvopastoral system in subtropical Brazil keeps forage cover stable and prevent weed outbreaks. Agroforestry Systems, 2023, 97, 985-994.	0.9	1
370	Climate Change and Pregnancy: Risks, Mitigation, Adaptation, and Resilience. Obstetrical and Gynecological Survey, 2023, 78, 223-236.	0.2	6
371	A multi-modal machine learning approach to detect extreme rainfall events in Sicily. Scientific Reports, 2023, 13, .	1.6	3
393	Unplanned Railway Maintenance of Highspeed Railway Systems Exposed to Extreme Weather Conditions. , 2023, , 1-26.		0
395	Application of Transfer Learning to Improve Landslide Susceptibility Modeling Performance. , 2023, , 79-97.		0
409	Unplanned Railway Maintenance of Highspeed Railway Systems Exposed to Extreme Weather Conditions. , 2023, , 817-842.		0
413	One Year After the Texas Blackout: Lessons for Reliable and Resilient Power Systems. , 2022, , .		0
424	Extreme Weather Events and Credit Demand. , 2023, , 282-293.		0
426	Extreme Weather Events and Credit Demand. , 2023, , 282-293.		0
436	Stormwater Attenuation and Enhanced Infiltration System to Mitigate Flood and Drought Conditions. Advances in Sustainability Science and Technology, 2023, , 13-24.	0.4	0
442	Adaptation Strategies for Asian Farmers Against Climate Change. , 2023, , 1-30.		0
473	Health impacts of rapid-onset event: 2022 flash flood in Bangladesh. , 2024, , 199-212.		0