

More Intense, More Frequent, and Longer Lasting Heat

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Citation Report

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1	Climate change and human health in cities. , 2011, , 179-214.		22
2	Hydrometeorological hazards under future climate change. , 2013, , 151-189.		6
3	Applications of the argon laser in head surgery. Soviet Journal of Quantum Electronics, 1977, 7, 1492-1494.	0.1	1
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1335	Recurrent sublethal warming reduces embryonic survival, inhibits juvenile growth, and alters species distribution projections under climate change. <i>Ecology Letters</i> , 2018, 21, 104-116.	3.0	48
1336	Effects of heat waves on daily excess mortality in 14 Korean cities during the past 20 years (1991–2010): an application of the spatial synoptic classification approach. <i>International Journal of Biometeorology</i> , 2018, 62, 575-583.	1.3	12
1337	Changing world extreme temperature statistics. <i>International Journal of Climatology</i> , 2018, 38, 2613-2617.	1.5	16
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1342	Detecting drought impact on terrestrial biosphere carbon fluxes over contiguous US with satellite observations. <i>Environmental Research Letters</i> , 2018, 13, 095003.	2.2	22
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1348	Effects of urbanization on increasing heat risks in South China. <i>International Journal of Climatology</i> , 2018, 38, 5551-5562.	1.5	22
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1805	Candidate stress biomarkers for queen failure diagnostics. <i>BMC Genomics</i> , 2020, 21, 571.	1.2	15
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1817	Some like it hotter: trematode transmission under changing temperature conditions. <i>Oecologia</i> , 2020, 194, 745-755.	0.9	18
1818	Update on Climate Change. <i>Clinics in Chest Medicine</i> , 2020, 41, 753-761.	0.8	7
1819	Analysis of the heat budget of standard, cool and watered pavements under lab heat-wave conditions. <i>Energy and Buildings</i> , 2020, 228, 110455.	3.1	14
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1824	Physiological responses of wild zebra finches (<i>Taeniopygia guttata</i>) to heatwaves. <i>Journal of Experimental Biology</i> , 2020, 223, .	0.8	21

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1851	The record-breaking heat wave of June 2019 in Central Europe. <i>Atmospheric Science Letters</i> , 2020, 21, e964.	0.8	45
1852	Space-Based Earth Observations for Disaster Risk Management. <i>Surveys in Geophysics</i> , 2020, 41, 1209-1235.	2.1	36
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1859	An Observational Case Study of Synergies between an Intense Heat Wave and the Urban Heat Island in Beijing. <i>Journal of Applied Meteorology and Climatology</i> , 2020, 59, 605-620.	0.6	43
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1873	Heat Vulnerability and Heat Island Mitigation in the United States. <i>Atmosphere</i> , 2020, 11, 558.	1.0	15
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1877	Meteorological information for climate-proof urban planning - The example of KLIMPRAX. <i>Urban Climate</i> , 2020, 32, 100614.	2.4	9
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1893	Heatwave and Blocking in the Northeastern Asia: Occurrence, Variability, and Association. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031627.	1.2	17
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1897	Evaluation of hot temperature extremes and heat waves in the Mississippi River Basin. Atmospheric Research, 2020, 239, 104907.	1.8	34
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1901	Observed and projected trends of extreme precipitation and maximum temperature during 1992â€“2100 in Isfahan province, Iran using REMO model and copula theory. <i>Natural Resource Modelling</i> , 2020, 33, .	0.8	5
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1906	Mapping Heat Stress Vulnerability and Risk Assessment at the Neighborhood Scale to Drive Urban Adaptation Planning. <i>Sustainability</i> , 2020, 12, 1056.	1.6	32
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1914	Variations in seasonal (not mean) temperatures drive rapid adaptations to novel environments at a continent scale. <i>Ecology</i> , 2020, 101, e02973.	1.5	17
1915	Narrating the impacts of climate change for urban health governance in Guangzhou, China. <i>Cities and Health</i> , 2021, 5, 240-255.	1.6	3
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1920	Human-biometeorological conditions during heat waves in Poland. <i>International Journal of Climatology</i> , 2020, 40, 5043-5055.	1.5	23
1921	Evaluation of selected global climate models for extreme temperature events over India. <i>Theoretical and Applied Climatology</i> , 2020, 140, 731-738.	1.3	9
1922	Performance of heat-health warning systems in Shanghai evaluated by using local heat-related illness data. <i>Science of the Total Environment</i> , 2020, 715, 136883.	3.9	14
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1928	Effect of short-term high-temperatures on the growth, development and reproduction in the fruit fly, <i>Bactrocera tau</i> (Diptera: Tephritidae). <i>Scientific Reports</i> , 2020, 10, 6418.	1.6	17
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1933	Impact of a simulated marine heatwave in the hematological profile of a temperate shark (<i>Scyliorhinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10	2.6	9
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1937	Impacts of global environmental change drivers on non-structural carbohydrates in terrestrial plants. <i>Functional Ecology</i> , 2020, 34, 1525-1536.	1.7	44
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1939	Climate change-induced human conflicts and economic costs in Pakistani Punjab. <i>Environmental Science and Pollution Research</i> , 2020, 27, 24299-24311.	2.7	6
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1947	Real-time warming of Alpine streams: (re)defining invertebrates' temperature preferences. <i>River Research and Applications</i> , 2021, 37, 283-293.	0.7	31
1948	Non-stationary climate changes in summer high-temperature extremes in Shanghai since the late 19th century. <i>International Journal of Climatology</i> , 2021, 41, E718.	1.5	3
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1950	Associations of extreme temperatures with hospitalizations and post-discharge deaths for stroke: What is the role of pre-existing hyperlipidemia?. <i>Environmental Research</i> , 2021, 193, 110391.	3.7	13
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1957	An accentuated "hot blob" over Vidarbha, India, during the pre-monsoon season. <i>Natural Hazards</i> , 2021, 105, 1359-1373.	1.6	8
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1961	Response of summer extreme precipitation over East Asia during the mid-Holocene versus future global warming. <i>Global and Planetary Change</i> , 2021, 197, 103398.	1.6	13
1962	Impact of Climate Change on Hydrology and Hydrologic Extremes of Upper Blue Nile River Basin. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021, 147, 04020104.	1.3	11
1963	Impaired autophagy following ex vivo heating at physiologically relevant temperatures in peripheral blood mononuclear cells from elderly adults. <i>Journal of Thermal Biology</i> , 2021, 95, 102790.	1.1	9
1964	The future urban heat-wave challenge in Africa: Exploratory analysis. <i>Global Environmental Change</i> , 2021, 66, 102190.	3.6	31
1965	Is Urban Heat Island intensity higher during hot spells and heat waves (Dijon, France, 2014-2019)? <i>Urban Climate</i> , 2021, 35, 100747.	2.4	41
1966	Modeling and projecting health-relevant combined ozone and temperature events in present and future Central European climate. <i>Air Quality, Atmosphere and Health</i> , 2021, 14, 563-580.	1.5	5
1967	Host plant diet affects growth and induces altered gene expression and microbiome composition in the wood white (<i>Leptidea sinapis</i>) butterfly. <i>Molecular Ecology</i> , 2021, 30, 499-516.	2.0	17
1968	Global response of terrestrial gross primary productivity to climate extremes. <i>Science of the Total Environment</i> , 2021, 750, 142337.	3.9	32
1969	Vegetation-heatwave correlations and contrasting energy exchange responses of different vegetation types to summer heatwaves in the Northern Hemisphere during the 1982-2011 period. <i>Agricultural and Forest Meteorology</i> , 2021, 296, 108208.	1.9	16
1970	Analyzing the local and climatic conditions affecting the urban overheating magnitude during the Heatwaves (HWs) in a coastal city: A case study of the greater Sydney region. <i>Science of the Total Environment</i> , 2021, 755, 142515.	3.9	20
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1973	Cardiovascular control during heat stress in older adults: time for an update. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H411-H416.	1.5	11
1974	Mating under climate change: Impact of simulated heatwaves on the reproduction of model pollinators. <i>Functional Ecology</i> , 2021, 35, 739-752.	1.7	29
1975	Global effects of extreme temperatures on wild bumblebees. <i>Conservation Biology</i> , 2021, 35, 1507-1518.	2.4	64
1976	Complex Networks Reveal Heatwave Patterns and Propagations Over the USA. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090411.	1.5	20
1977	The physiological ups and downs of thermal variability in temperate freshwater ecosystems. <i>Journal of Fish Biology</i> , 2021, 98, 1524-1535.	0.7	30
1978	Eco-physiological responses of "Campbell Early"™ and "Jinok"™ grape vines of two regions affected by different climatic conditions. <i>Horticulture Environment and Biotechnology</i> , 2021, 62, 159-168.	0.7	2
1979	On the linkage between urban heat island and urban pollution island: Three-decade literature review towards a conceptual framework. <i>Science of the Total Environment</i> , 2021, 751, 141727.	3.9	212
1980	Phenotypic flexibility in heat production and heat loss in response to thermal and hydric acclimation in the zebra finch, a small arid-zone passerine. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2021, 191, 225-239.	0.7	17
1981	Future surface temperature changes for the Iberian Peninsula according to EURO-CORDEX climate projections. <i>Climate Dynamics</i> , 2021, 56, 123-138.	1.7	22
1982	An arbuscular mycorrhizal fungus alters switchgrass growth, root architecture, and cell wall chemistry across a soil moisture gradient. <i>Mycorrhiza</i> , 2021, 31, 251-258.	1.3	28
1983	Different changes in dry and humid heat waves over <sc>China</sc>. <i>International Journal of Climatology</i> , 2021, 41, 1369-1382.	1.5	21
1984	Survive a Warming Climate: Insect Responses to Extreme High Temperatures. <i>Annual Review of Entomology</i> , 2021, 66, 163-184.	5.7	157
1985	Acclimation of photosynthetic processes and metabolic responses to elevated temperatures in cereals. <i>Physiologia Plantarum</i> , 2021, 171, 217-231.	2.6	7
1987	Spatial modelling of wildfire hotspots and their key drivers across districts of Zimbabwe, Southern Africa. <i>Geocarto International</i> , 2021, 36, 874-887.	1.7	14
1988	Characteristics Analysis and Synoptic Features of Event-Based Regional Heatwaves Over China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033865.	1.2	9
1989	Chapter 7 Tree Physiology and Intraspecific Responses to Extreme Events: Insights from the Most Extreme Heat Year in U.S. History. <i>Advances in Photosynthesis and Respiration</i> , 2021, , 171-190.	1.0	0
1990	Developmental biology and seasonal phenology of <i>Acanthocnema dobsoni</i> (Hemiptera: Trioziidae) and the influence of climate-mediated changes in body size on vibrational signals. <i>Austral Entomology</i> , 2021, 60, 234-243.	0.8	2

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1992	Characterization of the 2017 Summer Heat Waves and Their Effects on the Population of an Area of Southern Italy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 970.	1.2	5
1993	Symbiosis in a Rapidly Changing World. <i>Advances in Environmental Microbiology</i> , 2021, , 263-296.	0.1	1
1994	Three-Dimensional Printable Nanoporous Polymer Matrix Composites for Daytime Radiative Cooling. <i>Nano Letters</i> , 2021, 21, 1493-1499.	4.5	102
1995	Nutrient Loading, Temperature and Heat Wave Effects on Nutrients, Oxygen and Metabolism in Shallow Lake Mesocosms Pre-Adapted for 11 Years. <i>Water (Switzerland)</i> , 2021, 13, 127.	1.2	10
1996	Spatiotemporal Variation of Water Use Efficiency and Its Influencing Factors in Arid and Semi-Arid Areas of China. <i>Geographical Science Research</i> , 2021, 10, 126-136.	0.0	1
1997	Selection of the best fit probability distributions for temperature data and the use of L-moment ratio diagram method: a case study for NSW in Australia. <i>Theoretical and Applied Climatology</i> , 2021, 143, 1261-1284.	1.3	11
1998	Swine hemorrhagic shock model and pathophysiological changes in a desert dry-heat environment. <i>PLoS ONE</i> , 2021, 16, e0244727.	1.1	3
1999	Projected Trends of Wintertime North American Surface Mean and Extreme Temperatures over the Next Half-century in Two Generations of Canadian Earth System Models. <i>Atmosphere - Ocean</i> , 2021, 59, 53-75.	0.6	2
2000	Potential Dust Induced Changes on the Seasonal Variability of Temperature Extremes Over the Sahel: A Regional Climate Modeling Study. <i>Frontiers in Earth Science</i> , 2021, 8, .	0.8	3
2001	Future Changes in Extreme High Temperature over China at 1.5Å°Câ€“5Å°C Global Warming Based on CMIP6 Simulations. <i>Advances in Atmospheric Sciences</i> , 2021, 38, 253-267.	1.9	52
2002	Future Heat Risk in South Asia and the Need for Ecosystem Mitigation. <i>Disaster and Risk Research: GADRI Book Series</i> , 2021, , 225-252.	0.1	1
2003	Species-specific growth-climate responses of Dahurian larch (<i>Larix gmelinii</i>) and Mongolian pine (<i>Pinus sylvestris</i> var. <i>mongolica</i>) in the Greater Khingan Range, northeast China. <i>Dendrochronologia</i> , 2021, 65, 125803.	1.0	12
2004	Modulation of the Occurrence of Heatwaves over the Euro-Mediterranean Region by the Intensity of the Atlantic Multidecadal Variability. <i>Journal of Climate</i> , 2021, 34, 1099-1114.	1.2	15
2005	Heat Waves, Climate Change, and Economic Output. <i>Journal of the European Economic Association</i> , 2021, 19, 2658-2694.	1.9	30
2006	Spatiotemporal Features of Storm Surge Activity and Its Response to Climate Change in the Southeastern Coastal Area of China in the Past 60Åyears. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033234.	1.2	6
2007	Human-Perceived Temperature Changes in South Korea and Their Association with Atmospheric Circulation Patterns. <i>Journal of Climate</i> , 2021, 34, 1273-1290.	1.2	6
2008	Extreme weather events and dengue outbreaks in Guangzhou, China: a time-series quasi-binomial distributed lag non-linear model. <i>International Journal of Biometeorology</i> , 2021, 65, 1033-1042.	1.3	19

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2010	Feeding rate and efficiency in an apex soil predator exposed to short-term temperature changes. <i>Basic and Applied Ecology</i> , 2021, 50, 87-96.	1.2	6
2011	Evaluation of <i>Triticum durum</i> and <i>Aegilops tauschii</i> derived primary synthetics as potential sources of heat stress tolerance for wheat improvement. <i>Plant Genetic Resources: Characterisation and Utilisation</i> , 2021, 19, 74-89.	0.4	5
2012	A new view of heat wave dynamics and predictability over the eastern Mediterranean. <i>Earth System Dynamics</i> , 2021, 12, 133-149.	2.7	17
2013	Extreme climate projections under representative concentration pathways in the Lower Songkhram River Basin, Thailand. <i>Heliyon</i> , 2021, 7, e06146.	1.4	8
2014	Land use/land cover change, physico-chemical parameters and freshwater snails in Yewa North, Southwestern Nigeria. <i>PLoS ONE</i> , 2021, 16, e0246566.	1.1	7
2015	Evaluating Forest Visitors' Place Attachment, Recreational Activities, and Travel Intentions under Different Climate Scenarios. <i>Forests</i> , 2021, 12, 171.	0.9	20
2016	Forest microclimates and climate change: Importance, drivers and future research agenda. <i>Global Change Biology</i> , 2021, 27, 2279-2297.	4.2	330
2017	Utilizing world urban database and access portal tools (WUDAPT) and machine learning to facilitate spatial estimation of heatwave patterns. <i>Urban Climate</i> , 2021, 36, 100797.	2.4	10
2018	Transcriptome profiling of <i>Lymnaea stagnalis</i> (Gastropoda) for ecoimmunological research. <i>BMC Genomics</i> , 2021, 22, 144.	1.2	22
2019	Hot Days and Heat Waves in Poland in the Period 1951–2019 and the Circulation Factors Favoring the Most Extreme of Them. <i>Atmosphere</i> , 2021, 12, 340.	1.0	14
2020	Effect of extreme temperatures on daily emergency room visits for mental disorders. <i>Environmental Science and Pollution Research</i> , 2021, 28, 39243-39256.	2.7	20
2021	Early developmental stages of native populations of <i>Ciona intestinalis</i> under increased temperature are affected by local habitat history. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	3
2022	Avoiding a conservation pitfall: Considering the risks of unsuitably hot bat boxes. <i>Conservation Science and Practice</i> , 2021, 3, e412.	0.9	14
2023	Wintertime Cold Extremes in Northeast China and Their Linkage with Sea Ice in Barents-Kara Seas. <i>Atmosphere</i> , 2021, 12, 386.	1.0	4
2024	Trees at the Amazonia-Cerrado transition are approaching high temperature thresholds. <i>Environmental Research Letters</i> , 2021, 16, 034047.	2.2	19
2025	Long-term patterns of mass stranding of the colonial cnidarian <i>Velella velella</i> : influence of environmental forcing. <i>Marine Ecology - Progress Series</i> , 2021, 662, 69-83.	0.9	7
2026	Review of heat wave studies and related urban policies in South Asia. <i>Urban Climate</i> , 2021, 36, 100777.	2.4	25

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2028	Heat Waves Alter Macrophyte-Derived Detrital Nutrients Release under Future Climate Warming Scenarios. <i>Environmental Science & Technology</i> , 2021, 55, 5272-5281.	4.6	7
2029	A postbiotic from <i>Aspergillus oryzae</i> attenuates the impact of heat stress in ectothermic and endothermic organisms. <i>Scientific Reports</i> , 2021, 11, 6407.	1.6	14
2030	Spatial Modeling and Analysis of Heat-Related Morbidity in Maricopa County, Arizona. <i>Journal of Urban Health</i> , 2021, 98, 344-361.	1.8	12
2031	Climate anomalies and childhood growth in Peru. <i>Population and Environment</i> , 2021, 43, 39-60.	1.3	4
2032	Coincidence of temperature extremes and phenological events of grapevines. <i>Oeno One</i> , 2021, 55, 367-383.	0.7	4
2033	Assessment of urban surface and canopy cooling strategies in high-rise residential communities. <i>Journal of Cleaner Production</i> , 2021, 288, 125599.	4.6	20
2034	Estimating summertime heat stress in a tropical Indian city using Local Climate Zone (LCZ) framework. <i>Urban Climate</i> , 2021, 36, 100784.	2.4	32
2035	Characterizing Mean and Extreme Diurnal Variability of Ocean CO ₂ System Variables Across Marine Environments. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090228.	1.5	23
2036	Fertility and mortality impacts of thermal stress from experimental heatwaves on different life stages and their recovery in a model insect. <i>Royal Society Open Science</i> , 2021, 8, 201717.	1.1	54
2037	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
2038	Amplified Increases of Compound Hot Extremes Over Urban Land in China. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091252.	1.5	28
2039	Comparison of Regional Climate Model Performances for Different Types of Heat Waves over South Korea. <i>Journal of Climate</i> , 2021, 34, 2157-2174.	1.2	9
2040	Study on Heatwave Disaster Prevention and Control Planning System—Enlightenment of Major Countries in the World. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 696, 012025.	0.2	1
2041	Anomalous moisture sources of the Rhine basin during the extremely dry summers of 2003 and 2018. <i>Weather and Climate Extremes</i> , 2021, 31, 100302.	1.6	4
2042	Impact of OA on the Temperature Dependence of PM 2.5 in the Los Angeles Basin. <i>Environmental Science & Technology</i> , 2021, 55, 3549-3558.	4.6	23
2043	Modulating influence of drought on the synergy between heatwaves and dead fine fuel moisture content of bushfire fuels in the Southeast Australian region. <i>Weather and Climate Extremes</i> , 2021, 31, 100300.	1.6	24
2044	Effects of shading and composition on green roof media temperature and moisture. <i>Journal of Environmental Management</i> , 2021, 281, 111882.	3.8	14

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2048	Effect of marine heatwaves on bloom formation of the harmful dinoflagellate <i>Cochlodinium polykrikoides</i> : Two sides of the same coin?. <i>Harmful Algae</i> , 2021, 104, 102029.	2.2	11
2049	Underappreciated plant vulnerabilities to heat waves. <i>New Phytologist</i> , 2021, 231, 32-39.	3.5	91
2050	Male fertility thermal limits predict vulnerability to climate warming. <i>Nature Communications</i> , 2021, 12, 2214.	5.8	63
2051	A novel mouse model of heatstroke accounting for ambient temperature and relative humidity. <i>Journal of Intensive Care</i> , 2021, 9, 35.	1.3	11
2053	Seasonal Photophysiological Performance of Adult Western Baltic <i>Fucus vesiculosus</i> (Phaeophyceae) Under Ocean Warming and Acidification. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
2054	Disentangling dynamical and thermodynamical contributions to the record-breaking heatwave over Central Europe in June 2019. <i>Atmospheric Research</i> , 2021, 252, 105446.	1.8	17
2056	Investigating the influence of synoptic circulation patterns on regional dry and moist heat waves in North China. <i>Climate Dynamics</i> , 2021, 57, 1227-1240.	1.7	13
2057	A Comparative Assessment of Cooling Center Preparedness across Twenty-Five U.S. Cities. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4801.	1.2	13
2058	Interannual variability of mid-summer heat wave frequency over the Sichuan Basin. <i>International Journal of Climatology</i> , 2021, 41, 5036-5050.	1.5	8
2059	Developing and Validating Heat Exposure Products Using the U.S. Climate Reference Network. <i>Journal of Applied Meteorology and Climatology</i> , 2021, 60, 543-558.	0.6	6
2060	Effects of Heat Waves During Post-natal Development on Mitochondrial and Whole Body Physiology: An Experimental Study in Zebra Finches. <i>Frontiers in Physiology</i> , 2021, 12, 661670.	1.3	11
2061	Influence of projected climate change, urban development and heat adaptation strategies on end of twenty-first century urban boundary layers across the Conterminous US. <i>Climate Dynamics</i> , 2021, 57, 757-773.	1.7	2
2062	Regulation of Osmotic Balance and Increased Antioxidant Activities under Heat Stress in <i>Abelmoschus esculentus</i> L. Triggered by Exogenous Proline Application. <i>Agronomy</i> , 2021, 11, 685.	1.3	16
2063	Diminished growth and vitality in juvenile <i>Hydractinia echinata</i> under anticipated future temperature and variable nutrient conditions. <i>Scientific Reports</i> , 2021, 11, 7483.	1.6	1
2064	Cavitation fatigue in conifers: a study on eight European species. <i>Plant Physiology</i> , 2021, 186, 1580-1590.	2.3	11
2065	Intensifying Australian Heatwave Trends and Their Sensitivity to Observational Data. <i>Earth's Future</i> , 2021, 9, e2020EF001924.	2.4	32

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2067	Projection of future drought and extreme events occurrence in Goodwater Creek Experimental Watershed, Midwestern US. <i>Hydrological Sciences Journal</i> , 2021, 66, 1045-1058.	1.2	5
2068	Identifying the dominant driving factors of heat waves in the North China Plain. <i>Atmospheric Research</i> , 2021, 252, 105458.	1.8	32
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2070	When it's hot and dry: life-history strategy influences the effects of heat waves and water limitation. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	11
2071	Heat stress resistance drives coordination of emissions of suites of volatiles after severe heat stress and during recovery in five tropical crops. <i>Environmental and Experimental Botany</i> , 2021, 184, 104375.	2.0	11
2073	Urban Heat Islands during Heat Waves: A Comparative Study between Boston and Phoenix. <i>Journal of Applied Meteorology and Climatology</i> , 2021, 60, 621-641.	0.6	18
2074	Oxidative stress in response to heat stress in wild caught Namaqua rock mice, <i>Micaelamys namaquensis</i> . <i>Journal of Thermal Biology</i> , 2021, 98, 102958.	1.1	5
2075	Assessing ENSO Summer Teleconnections, Impacts, and Predictability in North America. <i>Journal of Climate</i> , 2021, 34, 3629-3643.	1.2	10
2076	50 Grades of Shade. <i>Bulletin of the American Meteorological Society</i> , 2021, 102, E1805-E1820.	1.7	44
2077	Skillful Subseasonal Prediction of United States Extreme Warm Days and Standardized Precipitation Index in Boreal Summer. <i>Journal of Climate</i> , 2021, , 1-34.	1.2	4
2078	Urban Heat Islands and Thermal Comfort: A Case Study of Zorrotzaurre Island in Bilbao. <i>Sustainability</i> , 2021, 13, 6106.	1.6	7
2079	Seagrasses in an era of ocean warming: a review. <i>Biological Reviews</i> , 2021, 96, 2009-2030.	4.7	47
2080	Body size and shape responses to warming and resource competition. <i>Functional Ecology</i> , 2021, 35, 1460-1469.	1.7	16
2082	Shifting access to pools of shoot water sustains gas exchange and increases stem hydraulic safety during seasonal atmospheric drought. <i>Plant, Cell and Environment</i> , 2021, 44, 2898-2911.	2.8	17
2083	Feedback attribution to dry heatwaves over East Asia. <i>Environmental Research Letters</i> , 2021, 16, 064003.	2.2	21
2084	Projected changes in Rhine River flood seasonality under global warming. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 2353-2371.	1.9	19
2085	Predicting city-scale daily electricity consumption using data-driven models. <i>Advances in Applied Energy</i> , 2021, 2, 100025.	6.6	52

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2087	Climatic change and extinction risk of two globally threatened Ethiopian endemic bird species. <i>PLoS ONE</i> , 2021, 16, e0249633.	1.1	14
2088	Traits as determinants of species abundance in a grassland community. <i>Journal of Vegetation Science</i> , 2021, 32, e13041.	1.1	8
2089	Extreme weather conditions and dengue outbreak in Guangdong, China: Spatial heterogeneity based on climate variability. <i>Environmental Research</i> , 2021, 196, 110900.	3.7	15
2090	Heat risk of residents in different types of communities from urban heat-exposed areas. <i>Science of the Total Environment</i> , 2021, 768, 145052.	3.9	29
2091	The direct and indirect effects of extreme climate events on insects. <i>Science of the Total Environment</i> , 2021, 769, 145161.	3.9	34
2092	Complex delayed and transgenerational effects driven by the interaction of heat and insecticide in the maternal generation of the wheat aphid, <i>Sitobion avenae</i> . <i>Pest Management Science</i> , 2021, 77, 4453-4461.	1.7	6
2093	Seasonal variation in the effects of urban environmental factors on land surface temperature in a winter city. <i>Journal of Cleaner Production</i> , 2021, 299, 126897.	4.6	36
2094	Complexifying the urban lawn improves heat mitigation and arthropod biodiversity. <i>Urban Forestry and Urban Greening</i> , 2021, 60, 127007.	2.3	21
2095	An Extreme Heat Event Induced by Typhoon Lekima (2019) and Its Contributing Factors. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034760.	1.2	6
2096	Scaling up high-throughput phenotyping for abiotic stress selection in the field. <i>Theoretical and Applied Genetics</i> , 2021, 134, 1845-1866.	1.8	26
2097	Impacts of Continuously Increasing Urbanization Ratios on Warming Rates and Temperature Extremes Observed Over the Beijing Area. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034536.	1.2	6
2098	Sahelian Heat Wave Characterization From Observational Data Sets. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034465.	1.2	2
2099	High ambient temperature and child emergency and hospital visits in New York City. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 36-44.	0.8	11
2100	Short-term effects of ambient temperature and pollutants on the mortality of respiratory diseases: A time-series analysis in Hefei, China. <i>Ecotoxicology and Environmental Safety</i> , 2021, 215, 112160.	2.9	23
2101	Wearable sensing techniques to understand pedestrian-level outdoor microclimate affecting heat related risk in urban parks. <i>Solar Energy</i> , 2022, 242, 397-412.	2.9	9
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2105	Biochemical response of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> mosquitoes after exposure to thermal stress and toxin of <i>Bacillus thuringiensis israelensis</i> . <i>International Journal of Tropical Insect Science</i> , 0, , 1.	0.4	1
2106	Spatial and temporal scales of exposure and sensitivity drive mortality risk patterns across life stages. <i>Ecosphere</i> , 2021, 12, e03552.	1.0	2
2107	Future heat stress to reduce people's purchasing power. <i>PLoS ONE</i> , 2021, 16, e0251210.	1.1	11
2108	Changes in regional wet heatwave in Eurasia during summer (1979–2017). <i>Environmental Research Letters</i> , 2021, 16, 064094.	2.2	18
2109	Large model structural uncertainty in global projections of urban heat waves. <i>Nature Communications</i> , 2021, 12, 3736.	5.8	27
2110	Synergistic Influence of Local Climate Zones and Wind Speeds on the Urban Heat Island and Heat Waves in the Megacity of Beijing, China. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	29
2111	Informing the planning of rotating power outages in heat waves through data analytics of connected smart thermostats for residential buildings. <i>Environmental Research Letters</i> , 2021, 16, 074003.	2.2	12
2112	Heat risk assessment based on mobile phone data: case study of Bratislava, Slovakia. <i>Natural Hazards</i> , 2021, 108, 3099-3120.	1.6	6
2113	Low-temperature tolerance in coprophagic beetle species (Coleoptera: Scarabaeidae): implications for ecological services. <i>Ecological Entomology</i> , 2021, 46, 1101-1112.	1.1	7
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2115	Three distinct atmospheric circulation patterns associated with high temperature extremes in South Korea. <i>Scientific Reports</i> , 2021, 11, 12911.	1.6	8
2116	The effect of aggression II: Acclimation to a high ambient temperature reduces territorial aggression in male striped hamsters (<i>Cricetulus barabensis</i>). <i>Hormones and Behavior</i> , 2021, 132, 104993.	1.0	1
2117	An adaptation strategy to urban heat: hospital rooms with radiant cooling accelerate patient recovery. <i>ERJ Open Research</i> , 2021, 7, 00881-2020.	1.1	5
2118	Heatwaves in Southeast Asia and Their Changes in a Warmer World. <i>Earth's Future</i> , 2021, 9, e2021EF001992.	2.4	43
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