

Mark Maslin

List of Publications by Year in descending order

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Version: 2024-02-01

122
papers

16,132
citations

47006

47
h-index

21540

114
g-index

140
all docs

140
docs citations

140
times ranked

16307
citing authors

#	ARTICLE	IF	CITATIONS
1	Abrupt intrinsic and extrinsic responses of southwestern Iberian vegetation to millennial-scale variability over the past 28 ka. <i>Journal of Quaternary Science</i> , 2022, 37, 420-440.	2.1	5
2	A practical solution: the Anthropocene is a geological event, not a formal epoch. <i>Episodes</i> , 2022, 45, 349-357.	1.2	30
3	Shaping Earth in our image Altered Earth: Getting the Anthropocene Right <i>Julia Adeney Thomas, Ed.</i> Cambridge University Press, 2022. 300 pp.. <i>Science</i> , 2022, 376, 805-805.	12.6	0
4	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021, 397, 129-170.	13.7	1,030
5	Paleo-ENSO influence on African environments and early modern humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47
6	The 2021 report of the Lancet Countdown on health and climate change: code red for a healthy future. <i>Lancet, The</i> , 2021, 398, 1619-1662.	13.7	669
7	Climate change? Yes, we can.. <i>New Scientist</i> , 2020, 247, 46-49.	0.0	2
8	A Review of Potential Impacts of Climate Change on Coffee Cultivation and Mycotoxigenic Fungi. <i>Microorganisms</i> , 2020, 8, 1625.	3.6	23
9	Tying celestial mechanics to Earth's ice ages. <i>Physics Today</i> , 2020, 73, 48-53.	0.3	7
10	Life cycle assessment synthesis of the carbon footprint of Arabica coffee: Case study of Brazil and Vietnam conventional and sustainable coffee production and export to the United Kingdom. <i>Geo: Geography and Environment</i> , 2020, 7, e00096.	0.8	16
11	The road from Rio to Glasgow: a short history of the climate change negotiations. <i>Scottish Geographical Journal</i> , 2020, 136, 5-12.	1.1	11
12	Comment on "The global tree restoration potential". <i>Science</i> , 2019, 366, .	12.6	55
13	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. <i>Lancet, The</i> , 2019, 394, 1836-1878.	13.7	905
14	Climate change: essential knowledge for developing holistic solutions to our climate crisis. <i>Emerging Topics in Life Sciences</i> , 2019, 3, 245-256.	2.6	5
15	Classifying past climate change in the Chew Bahir basin, southern Ethiopia, using recurrence quantification analysis. <i>Climate Dynamics</i> , 2019, 53, 2557-2572.	3.8	33
16	Estimating the scale of the US green economy within the global context. <i>Palgrave Communications</i> , 2019, 5, .	4.7	23
17	Assessing the relative contribution of economic, political and environmental factors on past conflict and the displacement of people in East Africa. <i>Palgrave Communications</i> , 2018, 4, .	4.7	25
18	Oceanographic and climatic evolution of the southeastern subtropical Atlantic over the last 3.5 Ma. <i>Earth and Planetary Science Letters</i> , 2018, 492, 12-21.	4.4	18

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19	Global Peak in Atmospheric Radiocarbon Provides a Potential Definition for the Onset of the Anthropocene Epoch in 1965. <i>Scientific Reports</i> , 2018, 8, 3293.	3.3	58
20	Sediment failures within the Peach Slide (Barra Fan, NE Atlantic Ocean) and relation to the history of the British-Irish Ice Sheet. <i>Quaternary Science Reviews</i> , 2018, 187, 1-30.	3.0	3
21	The Lancet Countdown on health and climate change: from 25 years of inaction to a global transformation for public health. <i>Lancet, The</i> , 2018, 391, 581-630.	13.7	802
22	The 2018 report of the Lancet Countdown on health and climate change: shaping the health of nations for centuries to come. <i>Lancet, The</i> , 2018, 392, 2479-2514.	13.7	595
23	Welcome to the Anthropocene. <i>IPPR Progressive Review</i> , 2018, 25, 214-219.	0.2	1
24	Pastoralism may have delayed the end of the green Sahara. <i>Nature Communications</i> , 2018, 9, 4018.	12.8	29
25	Putting the United Nations Sustainable Development Goals into practice: A review of implementation, monitoring, and finance. <i>Geo: Geography and Environment</i> , 2018, 5, e00049.	0.8	31
26	Anthropocene now. <i>New Scientist</i> , 2018, 239, 24-25.	0.0	4
27	The global green economy: a review of concepts, definitions, measurement methodologies and their interactions. <i>Geo: Geography and Environment</i> , 2017, 4, e00036.	0.8	95
28	Global disparity in the supply of commercial weather and climate information services. <i>Science Advances</i> , 2017, 3, e1602632.	10.3	48
29	The Lancet Countdown: tracking progress on health and climate change. <i>Lancet, The</i> , 2017, 389, 1151-1164.	13.7	292
30	Involve social scientists in defining the Anthropocene. <i>Nature</i> , 2016, 540, 192-193.	27.8	108
31	Forty years of linking orbits to ice ages. <i>Nature</i> , 2016, 540, 208-209.	27.8	35
32	The politics of the anthropocene: a dialogue. <i>Geo: Geography and Environment</i> , 2016, 3, e00022.	0.8	27
33	Adaptation responses to climate change differ between global megacities. <i>Nature Climate Change</i> , 2016, 6, 584-588.	18.8	78
34	Clean up energy innovation. <i>Nature</i> , 2016, 538, 27-29.	27.8	21
35	Negotiating failure: understanding the geopolitics of climate change. <i>Geographical Journal</i> , 2015, 181, 432-436.	3.1	2
36	A transparent framework for defining the Anthropocene Epoch. <i>Infrastructure Asset Management</i> , 2015, 2, 128-146.	1.6	54

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37	Anthropocene: Earth System, geological, philosophical and political paradigm shifts. Infrastructure Asset Management, 2015, 2, 108-116.	1.6	46
38	Episodes of environmental stability versus instability in Late Cenozoic lake records of Eastern Africa. Journal of Human Evolution, 2015, 87, 21-31.	2.6	32
39	Is climate change the greatest threat to global health?. Geographical Journal, 2015, 181, 413-422.	3.1	20
40	Testing the reliability of paper seismic record to SEG Y conversion on the surface and shallow sub-surface geology of the Barra Fan (NE Atlantic Ocean). Marine and Petroleum Geology, 2015, 61, 69-81.	3.3	6
41	A synthesis of the theories and concepts of early human evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140064.	4.0	115
42	The role of orbital forcing in the Early Middle Pleistocene Transition. Quaternary International, 2015, 389, 47-55.	1.5	70
43	The role of CO2 decline for the onset of Northern Hemisphere glaciation. Quaternary Science Reviews, 2015, 119, 22-34.	3.0	42
44	Health and climate change: policy responses to protect public health. Lancet, The, 2015, 386, 1861-1914.	13.7	1,311
45	Geological evidence for the Anthropocene. Science, 2015, 349, 246-247.	12.6	8
46	Defining the Anthropocene. Nature, 2015, 519, 171-180.	27.8	2,143
47	Geological evidence for the Anthropocene. Science, 2015, 349, 246-247.	12.6	2
48	Underappreciated Atlantic tsunami risk. Nature Geoscience, 2014, 7, 550-550.	12.9	1
49	East African climate pulses and early human evolution. Quaternary Science Reviews, 2014, 101, 1-17.	3.0	202
50	Population, development, and climate change: links and effects on human health. Lancet, The, 2013, 382, 1665-1673.	13.7	25
51	Climate model and proxy data constraints on ocean warming across the Paleocene–Eocene Thermal Maximum. Earth-Science Reviews, 2013, 125, 123-145.	9.1	214
52	Tectonics, Orbital Forcing, Global Climate Change, and Human Evolution in Africa. , 2013, , 103-160.		6
53	Cascading uncertainty in climate change models and its implications for policy. Geographical Journal, 2013, 179, 264-271.	3.1	22
54	Public Participation and Climate Change Infrastructure. Journal of Environmental Law, 2013, 25, 33-62.	1.4	47

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55	Early Human Speciation, Brain Expansion and Dispersal Influenced by African Climate Pulses. PLoS ONE, 2013, 8, e76750.	2.5	66
56	Emergence of the carbon-market intelligence sector. Nature Climate Change, 2012, 2, 300-302.	18.8	3
57	Three and half million year history of moisture availability of South West Africa: Evidence from ODP site 1085 biomarker records. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 317-318, 41-47.	2.3	24
58	Flooding of the continental shelves as a contributor to deglacial CH ₄ rise. Journal of Quaternary Science, 2012, 27, 800-806.	2.1	14
59	Climate models at their limit?. Nature, 2012, 486, 183-184.	27.8	119
60	Amazon Fan biomarker evidence against the Pleistocene rainforest refuge hypothesis?. Journal of Quaternary Science, 2012, 27, 451-460.	2.1	13
61	Evidence for a prolonged retroflexion of the North Brazil Current during glacial stages. Palaeogeography, Palaeoclimatology, Palaeoecology, 2011, 301, 86-96.	2.3	26
62	Dynamic boundary-monsoon intensity hypothesis: evidence from the deglacial Amazon River discharge record. Quaternary Science Reviews, 2011, 30, 3823-3833.	3.0	22
63	Global health and climate change: moving from denial and catastrophic fatalism to positive action. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2011, 369, 1866-1882.	3.4	54
64	Carbon trading needs a multi-level approach. Nature, 2011, 475, 445-447.	27.8	19
65	Gas hydrates: past and future geohazard?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 2369-2393.	3.4	203
66	Holocene bipolar climate seesaw: possible subtle evidence from the deep North East Atlantic Ocean?. Journal of Quaternary Science, 2010, 25, 237-242.	2.1	1
67	CO ₂ -driven ocean circulation changes as an amplifier of Paleocene-Eocene thermal maximum hydrate destabilization. Geology, 2010, 38, 875-878.	4.4	100
68	Atlantic overturning circulation and Agulhas leakage influences on southeast Atlantic upper ocean hydrography during marine isotope stage 11. Paleoceanography, 2010, 25, .	3.0	22
69	Major changes in glacial and Holocene terrestrial temperatures and sources of organic carbon recorded in the Amazon fan by tetraether lipids. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	79
70	Human evolution in a variable environment: the amplifier lakes of Eastern Africa. Quaternary Science Reviews, 2010, 29, 2981-2988.	3.0	196
71	Oceanic, atmospheric and ice-sheet forcing of South East Atlantic Ocean productivity and South African monsoon intensity during MIS-12 to 10. Quaternary Science Reviews, 2010, 29, 3936-3947.	3.0	24
72	Climate-averaging of terrestrial faunas: an example from the Plio-Pleistocene of South Africa. Paleobiology, 2010, 36, 32-50.	2.0	42

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73	Oceanic forcing of the Marine Isotope Stage 11 interglacial. <i>Nature Geoscience</i> , 2009, 2, 428-433.	12.9	53
74	Comment on "Diatomaceous sediments and environmental change in the Pleistocene Olorgesailie Formation, southern Kenya Rift" by R.B. Owen, R. Potts, A.K. Behrensmeyer and P. Ditchfield [<i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> 269 (2008) 17-37]. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 282, 145-146.	2.3	11
75	Organic geochemical changes in Pliocene sediments of ODP Site 1083 (Benguela Upwelling System). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 280, 119-131.	2.3	10
76	NE Atlantic surface water mass changes over the last 15 kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 282, 58-66.	2.3	2
77	Managing the health effects of climate change. <i>Lancet, The</i> , 2009, 373, 1693-1733.	13.7	2,195
78	Climate change is not the biggest global health threat " Authors' reply. <i>Lancet, The</i> , 2009, 374, 974-975.	13.7	3
79	Plio-Pleistocene East African Pulsed Climate Variability and Its Influence on Early Human Evolution. <i>Vertebrate Paleobiology and Paleoanthropology</i> , 2009, , 151-158.	0.5	44
80	Quaternary Climate Transitions and Cycles. <i>Encyclopedia of Earth Sciences Series</i> , 2009, , 841-855.	0.1	2
81	Isotope offsets in marine diatom $\delta^{18}O$ over the last 200 ka. <i>Journal of Quaternary Science</i> , 2008, 23, 389-400.	2.1	39
82	Simulated glacial and interglacial vegetation across Africa: implications for species phylogenies and trans-African migration of plants and animals. <i>Global Change Biology</i> , 2008, 14, 827-840.	9.5	80
83	Centennial-scale evolution of Dansgaard-Oeschger events in the northeast Atlantic Ocean between 39.5 and 56.5 ka B.P.. <i>Paleoceanography</i> , 2008, 23, .	3.0	34
84	Global warming in the public sphere. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 2741-2776.	3.4	43
85	Late Pleistocene submarine mass movements: occurrence and causes. <i>Quaternary Science Reviews</i> , 2007, 26, 958-978.	3.0	88
86	Diatom oxygen isotopes: Evidence of a species effect in the sediment record. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	34
87	Tectonics, orbital forcing, global climate change, and human evolution in Africa: introduction to the African paleoclimate special volume. <i>Journal of Human Evolution</i> , 2007, 53, 443-464.	2.6	156
88	Diatom $\delta^{18}O$ evidence for the development of the modern halocline system in the subarctic northwest Pacific at the onset of major Northern Hemisphere glaciation. <i>Paleoceanography</i> , 2006, 21, n/a-n/a.	3.0	50
89	Millennial-scale sea-level control on avulsion events on the Amazon Fan. <i>Quaternary Science Reviews</i> , 2006, 25, 3338-3345.	3.0	32
90	Editorial: Enlightenment in four dimensions. <i>Transactions of the Institute of British Geographers</i> , 2005, 30, 267-268.	2.9	2

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91	New views on an old forest: assessing the longevity, resilience and future of the Amazon rainforest. Transactions of the Institute of British Geographers, 2005, 30, 477-499.	2.9	50
92	Linking large impacts, gas hydrates, and carbon isotope excursions through widespread sediment liquefaction and continental slope failure: The example of the K-T boundary event. , 2005, , .		31
93	Late Cenozoic Moisture History of East Africa. Science, 2005, 309, 2051-2053.	12.6	328
94	Mid-Pleistocene revolution and the "eccentricity myth"™. Geological Society Special Publication, 2005, 247, 19-34.	1.3	90
95	Causes of catastrophic sediment failures of the Amazon Fan. Quaternary Science Reviews, 2005, 24, 2180-2193.	3.0	79
96	The longevity and resilience of the Amazon rainforest. , 2005, , 167-182.		0
97	Modelling the past and the future fate of the Amazonian forest. , 2005, , 191-198.		1
98	Contrasting simulated past and future responses of the Amazonian forest to atmospheric change. Philosophical Transactions of the Royal Society B: Biological Sciences, 2004, 359, 539-547.	4.0	92
99	Linking continental-slope failures and climate change: Testing the clathrate gun hypothesis. Geology, 2004, 32, 53.	4.4	217
100	ATMOSPHERE: Ecological Versus Climatic Thresholds. Science, 2004, 306, 2197-2198.	12.6	49
101	Implications of coral reef buildup for the controls on atmospheric CO ₂ since the Last Glacial Maximum. Paleoceanography, 2003, 18, n/a-n/a.	3.0	90
102	Balancing the deglacial global carbon budget: the hydrate factor. Quaternary Science Reviews, 2003, 22, 1729-1736.	3.0	86
103	Reduced effectiveness of terrestrial carbon sequestration due to an antagonistic response of ocean productivity. Geophysical Research Letters, 2002, 29, 19-1-19-4.	4.0	21
104	Atlantic ocean heat piracy and the bipolar climate see-saw during Heinrich and Dansgaard-Oeschger events. Journal of Quaternary Science, 2001, 16, 321-328.	2.1	57
105	Paleovegetation Simulations of Lowland Amazonia and Implications for Neotropical Allopatry and Speciation. Quaternary Research, 2001, 55, 140-149.	1.7	137
106	Reconstruction of the Amazon Basin Effective Moisture Availability over the Past 14,000 Years. Science, 2000, 290, 2285-2287.	12.6	163
107	North Atlantic deep water circulation collapse during Heinrich events. Geology, 1999, 27, 23.	4.4	77
108	Low-latitude forcing of meridional temperature and salinity gradients in the subpolar North Atlantic and the growth of glacial ice sheets. Geology, 1999, 27, 875.	4.4	47

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109	Late Quaternary Vegetation and Climate Change in the Amazon Basin Based on a 50,000 Year Pollen Record from the Amazon Fan, ODP Site 932. <i>Quaternary Research</i> , 1999, 51, 27-38.	1.7	217
110	Sudden climate transitions during the Quaternary. <i>Progress in Physical Geography</i> , 1999, 23, 1-36.	3.2	152
111	Composition and circulation of bottom water in the western Atlantic Ocean during the last glacial, based on pore-water analyses from the Amazon Fan. <i>Geology</i> , 1999, 27, 1011.	4.4	7
112	Equatorial western Atlantic Ocean circulation changes linked to the Heinrich events: deep-sea sediment evidence from the Amazon Fan. <i>Geological Society Special Publication</i> , 1998, 131, 111-127.	1.3	6
113	Sea-level "and gas-hydrate" controlled catastrophic sediment failures of the Amazon Fan. <i>Geology</i> , 1998, 26, 1107.	4.4	140
114	Timing of the late Quaternary Amazon Fan Complex mass transport deposits. <i>Geological Society Special Publication</i> , 1998, 131, 129-150.	1.3	2
115	Biomarker evidence for "Heinrich" events. <i>Geochimica Et Cosmochimica Acta</i> , 1997, 61, 1671-1678.	3.9	57
116	Sultry last interglacial gets sudden chill. <i>Eos</i> , 1996, 77, 353.	0.1	34
117	Magnetic susceptibility variations in Upper Pleistocene deep-sea sediments of the NE Atlantic: Implications for ice rafting and paleocirculation at the Last Glacial Maximum. <i>Paleoceanography</i> , 1995, 10, 221-250.	3.0	164
118	Variations in Atlantic surface ocean paleoceanography, 50°-80°N: A time-slice record of the last 30,000 years. <i>Paleoceanography</i> , 1995, 10, 1063-1094.	3.0	271
119	Synthesis of the Nature and Causes of Rapid Climate Transitions During the Quaternary. <i>Geophysical Monograph Series</i> , 0, , 9-52.	0.1	21
120	Ocean Bi-Polar Seesaw and Climate: Southern Versus Northern Meltwater Impacts. <i>Geophysical Monograph Series</i> , 0, , 147-167.	0.1	2
121	Climate change and world trade. , 0, , 680-692.		0
122	The challenges of a food sovereignty perspective: an analysis of the foodways of the Rama indigenous group, Nicaragua. <i>Food Security</i> , 0, , 1.	5.3	0