Manuel Chevalier

List of Publications by Year
in descending order

32 papers	1,353 citations	361413 20 h-index	395702 33 g-index
46 all docs	46 docs citations	46 times ranked	1486 citing authors

#	Article	IF	Citations
1	Pollen-based climate reconstruction techniques for late Quaternary studies. Earth-Science Reviews, 2020, 210, 103384.	9.1	123
2	Southeast African records reveal a coherent shift from high- to low-latitude forcing mechanisms along the east African margin across last glacialâ€“interglacial transition. Quaternary Science Reviews, 2015, 125, 117-130.	3.0	112
3	A global database of Holocene paleotemperature records. Scientific Data, 2020, 7, 115.	5.3	112
4	Quantification of climate change for the last 20,000years from Wonderkrater, South Africa: Implications for the long-term dynamics of the Intertropical Convergence Zone. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 386, 575-587.	2.3	94
5	A continuous record of vegetation and climate change over the past 50,000years in the Fujian Province of eastern subtropical China. Palaeogeography, Palaeoclimatology, Palaeoecology, 2012, 365-366, 115-123.	2.3	79
6	Influence of tropical easterlies in southern Africa's winter rainfall zone during the Holocene. Quaternary Science Reviews, 2015, 107, 138-148.	3.0	79
7	Determining the drivers of longâ€term aridity variability: a southern African case study. Journal of Quaternary Science, 2016, 31, 143-151.	2.1	67
8	The dynamic relationship between temperate and tropical circulation systems across South Africa since the last glacial maximum. Quaternary Science Reviews, 2017, 174, 54-62.	3.0	61
9	Evolving southwest African response to abrupt deglacial North Atlantic climate change events. Quaternary Science Reviews, 2015, 121, 132-136.	3.0	52
10	50,000 years of vegetation and climate change in the southern Namib Desert, Pella, South Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 451, 197-209.	2.3	50
11	Climatic controls on Later Stone Age human adaptation in Africa's southern Cape. Journal of Human Evolution, 2018, 114, 35-44.	2.6	47
12	CREST (Climate REconstruction SofTware): a probability density function (PDF)-based quantitative climate reconstruction method. Climate of the Past, 2014, 10, 2081-2098.	3.4	40
13	Qualitative assessment of PMIP3 rainfall simulations across the eastern African monsoon domains during the mid-Holocene and the Last Glacial Maximum. Quaternary Science Reviews, 2017, 156, 107-120.	3.0	36
14	The Eurasian Modern Pollen Database (EMPD), version 2. Earth System Science Data, 2020, 12, 2423-2445.	9.9	34
15	Late Pleistocene-Holocene vegetation and climate change in the Middle Kalahari, Lake Ngami, Botswana. Quaternary Science Reviews, 2017, 171, 199-215.	3.0	31
16	PaCTS 1.0: A Crowdsourced Reporting Standard for Paleoclimate Data. Paleoceanography and Paleoclimatology, 2019, 34, 1570-1596.	2.9	30
17	A highâ€resolution record of Holocene climate and vegetation dynamics from the southern Cape coast of South Africa: pollen and microcharcoal evidence from Eilandvlei. Journal of Quaternary Science, 2018, 33, 487-500.	2.1	29
18	Temperature Range Shifts for Three European Tree Species over the Last 10,000 Years. Frontiers in Plant Science, 2016, 7, 1581.	3.6	28

#	Article	IF	Citations
19	Orbital controls on Namib Desert hydroclimate over the past 50,000 years. Geology, 2019, 47, 867-871.	4.4	23
20	Extreme hydroclimate response gradients within the western Cape Floristic region of South Africa since the Last Glacial Maximum. Quaternary Science Reviews, 2019, 219, 297-307.	3.0	17
21	Enabling possibilities to quantify past climate from fossil assemblages at a global scale. Global and Planetary Change, 2019, 175, 27-35.	3.5	16
22	Asymmetric response of forest and grassy biomes to climate variability across the African Humid Period: influenced by anthropogenic disturbance?. Ecography, 2020, 43, 1118-1142.	4.5	16
23	The resilience of Amazon tree cover to past and present drying. Global and Planetary Change, 2021, 202, 103520.	3.5	15
24	A modern analogue matching approach to characterize fire temperatures and plant species from charcoal. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 578, 110580.	2.3	15
25	Temperature change in subtropical southeastern Africa during the past 790,000 yr. Geology, 2021, 49, 71-75.	4.4	14
26	Modern drought conditions in western Sahel unprecedented in the past 1600Âyears. Climate Dynamics, 2019, 52, 1949-1964.	3.8	13
27	Miocene East Asia summer monsoon precipitation variability and its possible driving forces. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 581, 110609.	2.3	13
28	An uncertainty-focused database approach to extract spatiotemporal trends from qualitative and discontinuous lake-status histories. Quaternary Science Reviews, 2021, 258, 106870.	3.0	9
29	<i>crestr</i>: an R package to perform probabilistic climate reconstructions from palaeoecological datasets. Climate of the Past, 2022, 18, 821-844.	3.4	8
30	A 25,000 year record of climate and vegetation change from the southwestern Cape coast, South Africa. Quaternary Research, 0, , 1-18.	1.7	5
31	An atlas of southern African pollen types and their climatic affinities. , 2021, , 239-258.		3
32	straditize: Digitizing stratigraphic diagrams. Journal of Open Source Software, 2019, 4, 1216.	4.6	2