

Malaize Bruno

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,823
citations

186265

28
h-index

182427

51
g-index

63
all docs

63
docs citations

63
times ranked

3334
citing authors

#	ARTICLE	IF	CITATIONS
1	Pleistocene drivers of Northwest African hydroclimate and vegetation. <i>Nature Communications</i> , 2022, 13, .	12.8	10
2	Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019, 6, 165.	5.3	63
3	Factors controlling frequency of turbidites in the Bengal fan during the last 248 kyr cal BP: Clues from a presently inactive channel. <i>Marine Geology</i> , 2019, 415, 105965.	2.1	10
4	Monsoon-driven Saharan dust variability over the past 240,000 years. <i>Science Advances</i> , 2019, 5, eaav1887.	10.3	83
5	Variations in benthic foraminiferal assemblages in the Tagus mud belt during the last 5700 years: Implications for Tagus River discharge. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 496, 225-237.	2.3	3
6	A two-million-year-long hydroclimatic context for hominin evolution in southeastern Africa. <i>Nature</i> , 2018, 560, 76-79.	27.8	73
7	A high-resolution temporal record of environmental changes in the Eastern Caribbean (Guadeloupe) from 40 to 10 ka BP. <i>Quaternary Science Reviews</i> , 2017, 155, 198-212.	3.0	15
8	The Bengal fan: External controls on the Holocene Active Channel turbidite activity. <i>Holocene</i> , 2017, 27, 900-913.	1.7	29
9	Norwegian Sea warm pulses during Dansgaard-Oeschger stadials: Zooming in on these anomalies over the 35-41 ka cal BP interval and their impacts on proximal European ice-sheet dynamics. <i>Quaternary Science Reviews</i> , 2016, 151, 255-272.	3.0	17
10	Middle to Late Pleistocene vegetation and climate change in subtropical southern East Africa. <i>Earth and Planetary Science Letters</i> , 2016, 450, 306-316.	4.4	35
11	Stratification of surface waters during the last glacial millennial climatic events: a key factor in subsurface and deep-water mass dynamics. <i>Climate of the Past</i> , 2015, 11, 1507-1525.	3.4	12
12	African humid periods triggered the reactivation of a large river system in Western Sahara. <i>Nature Communications</i> , 2015, 6, 8751.	12.8	74
13	Reprint of: Impacts of Mayan land use on Laguna Tuspán watershed (Petén, Guatemala) as seen through clay and ostracode analysis. <i>Journal of Archaeological Science</i> , 2015, 54, 410-420.	2.4	4
14	Lateral and vertical distributions of living benthic foraminifera off the Douro River (western Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	16
15	Seasonal changes in stable carbon and nitrogen isotope compositions of bat guano (Guadeloupe). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 440, 524-532.	2.3	14
16	High frequency environmental changes and deposition processes in a 2 kyr-long sedimentological record from the Cap-Breton canyon (Bay of Biscay). <i>Holocene</i> , 2015, 25, 348-365.	1.7	12
17	Quantitative estimate of the paleo-Agulhas leakage. <i>Geophysical Research Letters</i> , 2014, 41, 1238-1246.	4.0	29
18	Impacts of Mayan land use on Laguna Tuspán watershed (Petén, Guatemala) as seen through clay and ostracode analysis. <i>Journal of Archaeological Science</i> , 2014, 49, 372-382.	2.4	19

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19	Bi-hemispheric forcing for Indo-Asian monsoon during glacial terminations. <i>Quaternary Science Reviews</i> , 2013, 59, 1-4.	3.0	14
20	Southern Hemisphere imprint for Indo-Asian summer monsoons during the last glacial period as revealed by Arabian Sea productivity records. <i>Biogeosciences</i> , 2013, 10, 7347-7359.	3.3	22
21	Agulhas leakage as a key process in the modes of Quaternary climate changes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6835-6839.	7.1	71
22	New constraints on European glacial freshwater releases to the North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	33
23	An ocean-ice coupled response during the last glacial: a view from a marine isotopic stage 3 record south of the Faeroe Shetland Gateway. <i>Climate of the Past</i> , 2012, 8, 1997-2017.	3.4	13
24	The impact of African aridity on the isotopic signature of Atlantic deep waters across the Middle Pleistocene Transition. <i>Quaternary Research</i> , 2012, 77, 182-191.	1.7	8
25	New Arabian Sea records help decipher orbital timing of Indo-Asian monsoon. <i>Earth and Planetary Science Letters</i> , 2011, 308, 433-444.	4.4	137
26	Orbital timing of the Indian, East Asian and African boreal monsoons and the concept of a "global monsoon". <i>Quaternary Science Reviews</i> , 2011, 30, 3705-3715.	3.0	82
27	Glacial-interglacial vegetation dynamics in South Eastern Africa coupled to sea surface temperature variations in the Western Indian Ocean. <i>Climate of the Past</i> , 2011, 7, 1209-1224.	3.4	61
28	High-latitude obliquity as a dominant forcing in the Agulhas current system. <i>Climate of the Past</i> , 2011, 7, 1285-1296.	3.4	76
29	Paleoceanography of the Mauritanian margin during the last two climatic cycles: From planktonic foraminifera to African climate dynamics. <i>Marine Micropaleontology</i> , 2011, 79, 67-79.	1.2	26
30	Contrasting sea-surface responses between the western Mediterranean Sea and eastern subtropical latitudes of the North Atlantic during abrupt climatic events of MIS 3. <i>Marine Micropaleontology</i> , 2011, 80, 1-17.	1.2	36
31	The monsoon imprint during the "atypical" MIS 13 as seen through north and equatorial Indian Ocean records. <i>Quaternary Research</i> , 2011, 76, 285-293.	1.7	9
32	Hurricanes and climate in the Caribbean during the past 3700 years BP. <i>Holocene</i> , 2011, 21, 911-924.	1.7	59
33	Contrasting paleoceanographic conditions off Morocco during Heinrich events (1 and 2) and the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2010, 29, 1923-1939.	3.0	51
34	Sea surface salinity reconstruction as seen with foraminifera shells: Methods and cases studies. <i>EPJ Web of Conferences</i> , 2009, 1, 177-188.	0.3	11
35	Wet to dry climatic trend in north-western Iberia within Heinrich events. <i>Earth and Planetary Science Letters</i> , 2009, 284, 329-342.	4.4	167
36	Imprints of high-salinity water plumes originating from the red sea during termination II. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 276, 69-79.	2.3	5

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37	What forced the collapse of European ice sheets during the last two glacial periods (150kaB.P. and) Tj ETQq1 1 0.784314 rgBT /Overl 66-78.	2.3	33
38	Position of the Polar Front along the western Iberian margin during key cold episodes of the last 45 ka. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	154
39	African monsoon enhancement during the penultimate glacial period (MIS 6.5 $\hat{\sim}$ 170 ka) and its atmospheric impact. <i>Paleoceanography</i> , 2009, 24, .	3.0	21
40	25. Climate variability of the last five isotopic interglacials: Direct land-sea-ice correlation from the multiproxy analysis of North-Western Iberian margin deep-sea cores. <i>Developments in Quaternary Sciences</i> , 2007, 7, 375-386.	0.1	24
41	Low-latitude $\hat{\text{e}}$ odusty events $\hat{\text{e}}$ vs. high-latitude $\hat{\text{e}}$ icy Heinrich Events $\hat{\text{e}}$. <i>Quaternary Research</i> , 2007, 68, 379-386.	1.7	84
42	Present-day and past (last 25000 $\hat{\text{A}}$ years) marine pollen signal off western Iberia. <i>Marine Micropaleontology</i> , 2007, 62, 91-114.	1.2	221
43	A high-resolution investigation of temperature, salinity, and upwelling activity proxies in corals. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	34
44	Phase lag between Intertropical Convergence Zone migration and subtropical monsoon onset over the northwestern Indian Ocean during Marine Isotopic Substage 6.5 (MIS 6.5). <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	8
45	Climatic variability of Marine Isotope Stage 7: direct land $\hat{\text{e}}$ sea $\hat{\text{e}}$ ice correlation from a multiproxy analysis of a north-western Iberian margin deep-sea core. <i>Quaternary Science Reviews</i> , 2006, 25, 1010-1026.	3.0	72
46	The effect of paleo-oceanographic changes on the sedimentary recording of hydrothermal activity in the Red Sea during the last 30,000 years. <i>Marine Geology</i> , 2006, 226, 51-64.	2.1	7
47	Increasing vegetation and climate gradient in Western Europe over the Last Glacial Inception (122 $\hat{\text{e}}$ 110) Tj ETQq1 1 0.784314 rgBT /C 4.4 156	4.4	156
48	Is vegetation responsible for glacial inception during periods of muted insolation changes?. <i>Quaternary Science Reviews</i> , 2005, 24, 1361-1374.	3.0	96
49	Climatic $\hat{\text{e}}$ epause $\hat{\text{e}}$ during Termination II identified in shallow and intermediate waters off the Iberian margin. <i>Quaternary Science Reviews</i> , 2004, 23, 1523-1528.	3.0	27
50	A tentative reconstruction of the last interglacial and glacial inception in Greenland based on new gas measurements in the Greenland Ice Core Project (GRIP) ice core. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	56
51	Occurrence of an exceptional carbonate dissolution episode during early glacial isotope stage 6 in the Southeastern Atlantic. <i>Marine Geology</i> , 2002, 180, 235-248.	2.1	20
52	High precision correlations of Greenland and Antarctic ice core records over the last 100 kyr. <i>Geophysical Monograph Series</i> , 1999, , 149-164.	0.1	42
53	The Dole effect over the last two glacial-interglacial cycles. <i>Journal of Geophysical Research</i> , 1999, 104, 14199-14208.	3.3	47
54	CH ₄ and $\hat{\text{I}}$ ¹⁸ O of O ₂ records from Antarctic and Greenland ice: A clue for stratigraphic disturbance in the bottom part of the Greenland Ice Core Project and the Greenland Ice Sheet Project 2 ice cores. <i>Journal of Geophysical Research</i> , 1997, 102, 26547-26557.	3.3	94

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55	Relation between low latitude insolation and $\delta^{18}\text{O}$ change of atmospheric oxygen for the last 200 kyrs, as revealed by Mediterranean sapropels. <i>Geophysical Research Letters</i> , 1997, 24, 1235-1238.	4.0	36
56	Climatic interpretation of the recently extended Vostok ice records. <i>Climate Dynamics</i> , 1996, 12, 513-521.	3.8	149
57	Climatic interpretation of the recently extended Vostok ice records. <i>Climate Dynamics</i> , 1996, 12, 513-521.	3.8	16
58	ENSO and interdecadal climate variability over the last century documented by geochemical records of two coral cores from the South West Pacific. <i>Advances in Geosciences</i> , 0, 6, 23-27.	12.0	7