

Jacques Giraudeau

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67
papers

2,389
citations

32
h-index

47
g-index

67
ext. papers

2,672
ext. citations

4.4
avg, IF

4.78
L-index

#	Paper	IF	Citations
67	Characterization of organic matter in marine sediments to estimate age offset of bulk radiocarbon dating. <i>Quaternary Geochronology</i> , 2022 , 67, 101242	2.7	0
66	Holocene polynya dynamics and their interaction with oceanic heat transport in northernmost Baffin Bay. <i>Scientific Reports</i> , 2021 , 11, 10095	4.9	5
65	Vulnerability of the North Water ecosystem to climate change. <i>Nature Communications</i> , 2021 , 12, 4475	17.4	6
64	Quaternary sediment dispersal in the Zambezi turbidite system (SW Indian Ocean). <i>Marine Geology</i> , 2020 , 428, 106276	3.3	8
63	Local and regional controls on Holocene sea ice dynamics and oceanography in Nares Strait, Northwest Greenland. <i>Marine Geology</i> , 2020 , 422, 106115	3.3	10
62	Reconstruction of Holocene oceanographic conditions in eastern Baffin Bay. <i>Climate of the Past</i> , 2020 , 16, 1075-1095	3.9	11
61	A high-resolution elemental record of post-glacial lithic sedimentation in Upernavik Trough, western Greenland: History of ice-sheet dynamics and ocean circulation changes over the last 9100 years. <i>Global and Planetary Change</i> , 2020 , 191, 103217	4.2	2
60	Learning from the past: Impact of the Arctic Oscillation on sea ice and marine productivity off northwest Greenland over the last 9,000 years. <i>Global Change Biology</i> , 2020 , 26, 6767-6786	11.4	9
59	Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019 , 6, 165	8.2	33
58	The influence of bottom currents on the Zambezi Valley morphology (Mozambique Channel, SW Indian Ocean): In situ current observations and hydrodynamic modelling. <i>Marine Geology</i> , 2019 , 410, 42-55	3.3	29
57	A Late Quaternary record of highstand shedding from an isolated carbonate platform (Juan de Nova, southern Indian Ocean). <i>Depositional Record</i> , 2019 , 5, 540-557	2	8
56	Holocene chronostratigraphy of northeastern Baffin Bay based on radiocarbon and palaeomagnetic data. <i>Boreas</i> , 2019 , 48, 147-165	2.4	8
55	A two-million-year-long hydroclimatic context for hominin evolution in southeastern Africa. <i>Nature</i> , 2018 , 560, 76-79	50.4	47
54	Deglacial to postglacial history of Nares Strait, Northwest Greenland: a marine perspective from Kane Basin. <i>Climate of the Past</i> , 2018 , 14, 1991-2010	3.9	18
53	Benthic stable isotope variability in the Trondheimsfjord during the last 50 years: Proxy records of mixing dynamics related to NAO. <i>Estuarine, Coastal and Shelf Science</i> , 2016 , 172, 34-46	2.9	3
52	A survey of the summer coccolithophore community in the western Barents Sea. <i>Journal of Marine Systems</i> , 2016 , 158, 93-105	2.7	21
51	Norwegian fjord sediments reveal NAO related winter temperature and precipitation changes of the past 2800 years. <i>Earth and Planetary Science Letters</i> , 2016 , 435, 84-93	5.3	33

50	Sedimentary processes determining the modern carbonate periplatform drift of Little Bahama Bank. <i>Marine Geology</i> , 2016 , 378, 213-229	3.3	24
49	The expansion of Central and Northern European Neolithic populations was associated with a multi-century warm winter and wetter climate. <i>Holocene</i> , 2016 , 26, 1188-1199	2.6	9
48	Reprint of: Impacts of Mayan land use on Laguna Tusp̄ watershed (Pet̄, Guatemala) as seen through clay and ostracode analysis. <i>Journal of Archaeological Science</i> , 2015 , 54, 410-420	2.9	4
47	The coccolithophores <i>Emiliana huxleyi</i> and <i>Coccolithus pelagicus</i> : Extant populations from the Norwegian Barents Seas and Fram Strait. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015 , 98, 1-9	2.5	10
46	Terrigenous input to a fjord in central Norway records the environmental response to the North Atlantic Oscillation over the past 50 years. <i>Holocene</i> , 2014 , 24, 1411-1418	2.6	12
45	Geochemical composition of Trondheimsfjord surface sediments: Sources and spatial variability of marine and terrigenous components. <i>Continental Shelf Research</i> , 2014 , 88, 61-71	2.4	17
44	Impacts of Mayan land use on Laguna Tusp̄ watershed (Pet̄, Guatemala) as seen through clay and ostracode analysis. <i>Journal of Archaeological Science</i> , 2014 , 49, 372-382	2.9	13
43	Qualitative and quantitative reconstructions of surface water characteristics and recent hydrographical changes in the Trondheimsfjord, central Norway. <i>Climate of the Past</i> , 2014 , 10, 305-323	3.9	6
42	Quantitative estimate of the paleo-Agulhas leakage. <i>Geophysical Research Letters</i> , 2014 , 41, 1238-1246	4.9	23
41	Isotope Stratigraphy and Biostratigraphy of a Modern Carbonate System: The Northern Bahamas Slope Over the Late Quaternary. <i>Springer Geology</i> , 2014 , 1287-1291	0.8	
40	Northward advection of Atlantic water in the eastern Nordic Seas over the last 3000 yr. <i>Climate of the Past</i> , 2013 , 9, 1505-1518	3.9	30
39	Spatial distribution of benthic foraminiferal stable isotopes and dinocyst assemblages in surface sediments of the Trondheimsfjord, central Norway. <i>Biogeosciences</i> , 2013 , 10, 4433-4448	4.6	12
38	Reconstruction of the late-Holocene changes in the Sub-Arctic Front position at the Reykjanes Ridge, north Atlantic. <i>Holocene</i> , 2012 , 22, 877-886	2.6	35
37	A 2500 year record of natural and anthropogenic soil erosion in South Greenland. <i>Quaternary Science Reviews</i> , 2012 , 32, 119-130	3.9	62
36	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, 6835-9	11.5	56
35	New Arabian Sea records help decipher orbital timing of Indo-Asian monsoon. <i>Earth and Planetary Science Letters</i> , 2011 , 308, 433-444	5.3	101
34	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	3.9	49
33	High-latitude obliquity as a dominant forcing in the Agulhas current system. <i>Climate of the Past</i> , 2011 , 7, 1285-1296	3.9	66

32	Millennial-scale variability in Atlantic water advection to the Nordic Seas derived from Holocene coccolith concentration records. <i>Quaternary Science Reviews</i> , 2010 , 29, 1276-1287	3.9	63
31	Sea ice and wind variability during the Holocene in East Antarctica: insight on middle-high latitude coupling. <i>Quaternary Science Reviews</i> , 2010 , 29, 3709-3719	3.9	47
30	Highstand vs. lowstand turbidite system growth in the Makran active margin: Imprints of high-frequency external controls on sediment delivery mechanisms to deep water systems. <i>Marine Geology</i> , 2010 , 274, 187-208	3.3	49
29	Holocene glacier and deep water dynamics, Adèle Land region, East Antarctica. <i>Quaternary Science Reviews</i> , 2009 , 28, 1291-1303	3.9	32
28	A 1.2 Ma record of glaciation and fluvial discharge from the West European Atlantic margin. <i>Quaternary Science Reviews</i> , 2009 , 28, 2974-2981	3.9	99
27	Holocene productivity changes off Adèle Land (East Antarctica). <i>Paleoceanography</i> , 2009 , 24,		26
26	Comparison of coccolith and dinocyst assemblages in the northern North Atlantic: How well do they relate with surface hydrography?. <i>Marine Micropaleontology</i> , 2008 , 68, 115-135	1.7	19
25	Reorganization of the upper ocean circulation in the mid-Holocene in the northeastern Atlantic This article is one of a series of papers published in this Special Issue on the theme Polar Climate Stability Network. GEOTOP Publication 2009-0002.. <i>Canadian Journal of Earth Sciences</i> , 2008 , 45, 1417-1433	1.5	16
24	Multiproxy Late Quaternary stratigraphy of the Nile deep-sea turbidite system ¶ Towards a chronology of deep-sea terrigenous systems. <i>Sedimentary Geology</i> , 2007 , 200, 1-13	2.8	40
23	Holocene sea surface conditions in the western North Atlantic: Spatial and temporal heterogeneities. <i>Paleoceanography</i> , 2006 , 21, n/a-n/a		61
22	Temporal variability in phytoplankton pigments, picoplankton and coccolithophores along a transect through the North Atlantic and tropical southwestern Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2006 , 53, 689-712	2.5	39
21	Alkenone and coccolith records of the mid-Pleistocene in the south-east Atlantic: Implications for the U37K' index and South African climate. <i>Quaternary Science Reviews</i> , 2005 , 24, 1559-1572	3.9	39
20	Nitrogen cycling on the Namibian shelf and slope over the last two climatic cycles: Local and global forcings. <i>Paleoceanography</i> , 2005 , 20, n/a-n/a		33
19	A 190 ky record of lithogenic grain-size on the Namibian slope: Forging a tight link between past wind-strength and coastal upwelling dynamics. <i>Marine Geology</i> , 2005 , 218, 81-96	3.3	70
18	Timing and mechanisms of surface and intermediate water circulation changes in the Nordic Seas over the last 10,000calyears: a view from the North Iceland shelf. <i>Quaternary Science Reviews</i> , 2004 , 23, 2127-2139	3.9	68
17	Multi-proxy records showing significant Holocene environmental variability: the inner N. Iceland shelf (HÍafli). <i>Quaternary Science Reviews</i> , 2003 , 22, 175-193	3.9	86
16	Movement of oceanic fronts south of Australia during the last 10 ka: interpretation of calcareous nannoplankton in surface sediments from the Southern Ocean. <i>Marine Micropaleontology</i> , 2002 , 46, 431-444	1.7	18
15	Neogene and Quaternary evolution of the Benguela upwelling system. <i>Marine Geology</i> , 2002 , 180, 1-2	3.3	4

14	Accumulation of organic and inorganic carbon in PliocenePleistocene sediments along the SW African margin. <i>Marine Geology</i> , 2002 , 180, 49-69	3.3	22
13	A 450-kyr record of hydrological conditions on the western Agulhas Bank Slope, south of Africa. <i>Marine Geology</i> , 2002 , 180, 183-201	3.3	66
12	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	3.3	17
11	Extant calcareous nannoplankton in the Australian Sector of the Southern Ocean (austral summers 1994 and 1995). <i>Marine Micropaleontology</i> , 2000 , 40, 417-439	1.7	86
10	A high-resolution time-series analyses of particle fluxes in the Northern Benguela coastal upwelling system: carbonate record of changes in biogenic production and particle transfer processes. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000 , 47, 1999-2028	2.3	47
9	Coccolith evidence for instabilities in surface circulation south of Iceland during Holocene times. <i>Earth and Planetary Science Letters</i> , 2000 , 179, 257-268	5.3	87
8	Sea-surface distribution of coccolithophores, diatoms, silicoflagellates and dinoflagellates in the South Atlantic Ocean during the late austral summer 1995. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1999 , 46, 451-482	2.5	68
7	Modern and palaeo-oceanographic environments under Benguela upwelling cells off southern Namibia. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1996 , 123, 85-105	2.9	15
6	Spatial dynamics of coccolithophore communities during an upwelling event in the Southern Benguela system. <i>Continental Shelf Research</i> , 1995 , 15, 1825-1852	2.4	63
5	Phytoplankton Biomass and Sea-Surface Temperature Estimates from Sea-Bed Distribution of Nannofossils and Planktonic Foraminifera in the Benguela Upwelling System. <i>Micropaleontology</i> , 1994 , 40, 275	2	44
4	Planktonic foraminiferal assemblages in surface sediments from the southwest African continental margin. <i>Marine Geology</i> , 1993 , 110, 47-62	3.3	71
3	Benthic Ostracoda in the Benguela System (SE Atlantic): A multivariate analysis. <i>Marine Micropaleontology</i> , 1993 , 22, 71-92	1.7	21
2	Distribution and malformation of living coccolithophores in the northern Benguela upwelling system off Namibia. <i>Marine Micropaleontology</i> , 1993 , 22, 93-110	1.7	84
1	Distribution of Recent nannofossils beneath the Benguela system: Southwest African continental margin. <i>Marine Geology</i> , 1992 , 108, 219-237	3.3	109