

Frédérique Eynaud

List of Publications by Year in descending order

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97
papers

6,101
citations

94433

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74163

75
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117
all docs

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docs citations

117
times ranked

5719
citing authors

#	ARTICLE	IF	CITATIONS
1	Holocene climate dynamics on the European scale: Insights from a coastal archaeological record from the temperate Bay of Biscay (SW France). <i>Quaternary International</i> , 2022, 613, 46-60.	1.5	1
2	Ocean Productivity in the Gulf of Cadiz Over the Last 50 kyr. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	3
3	Imprint of seasonality changes on fluvio-glacial dynamics across Heinrich Stadial 1 (NE Atlantic) Tj ETQq1 1 0.784314 rgBT /Overlock	3.5	3
4	Are Past Sea-Ice Reconstructions Based on Planktonic Foraminifera Realistic? Study of the Last 50 ka as a Test to Validate Reconstructed Paleohydrography Derived from Transfer Functions Applied to Their Fossil Assemblages. <i>Geosciences (Switzerland)</i> , 2021, 11, 409.	2.2	0
5	Modern relationships between microscopic charcoal in marine sediments and fire regimes on adjacent landmasses to refine the interpretation of marine paleofire records: An Iberian case study. <i>Quaternary Science Reviews</i> , 2021, 270, 107148.	3.0	9
6	Distribution of common modern dinoflagellate cyst taxa in surface sediments of the Northern Hemisphere in relation to environmental parameters: The new n=1968 database. <i>Marine Micropaleontology</i> , 2020, 159, 101796.	1.2	65
7	An overview and brief description of common marine organic-walled dinoflagellate cyst taxa occurring in surface sediments of the Northern Hemisphere. <i>Marine Micropaleontology</i> , 2020, 159, 101814.	1.2	45
8	Oceanic versus continental influences over the last 7 kyrs from a mid-shelf record in the northern Bay of Biscay (NE Atlantic). <i>Quaternary Science Reviews</i> , 2020, 229, 106135.	3.0	19
9	Enhanced surface melting of the Fennoscandian Ice Sheet during periods of North Atlantic cooling. <i>Geology</i> , 2019, 47, 664-668.	4.4	27
10	Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019, 6, 165.	5.3	63
11	Improving North Atlantic Marine Core Chronologies Using ²³⁰ Th Normalization. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1057-1073.	2.9	9
12	Impact of freshwater release in the Mediterranean Sea on the North Atlantic climate. <i>Climate Dynamics</i> , 2019, 53, 3893-3915.	3.8	11
13	Millennial-scale variations of the Holocene North Atlantic mid-depth gyre inferred from radiocarbon and neodymium isotopes in cold water corals. <i>Quaternary Science Reviews</i> , 2019, 211, 93-106.	3.0	12
14	Onshore and offshore evidences for four abrupt "warming" episodes during MIS 6 at the westernmost tip of continental Europe: did they control the migrations of Neanderthals?. <i>Quaternary International</i> , 2019, 534, 103-115.	1.5	3
15	Millennial-scale Holocene hydrological changes in the northeast Atlantic: New insights from "La Grande Vasière" mid-shelf mud belt. <i>Holocene</i> , 2019, 29, 467-480.	1.7	7
16	Fouiller sur l'estran: des contraintes et des opportunités. <i>Les Nouvelles De L'archéologie</i> , 2019, , 48-52.	2.0	1
17	Holocene palaeoenvironmental evolution of the Mâdoc peninsula (SW France): insights from the sedimentological study of the "L'île de du Gurrp" archaeological site. <i>Quaternaire</i> , 2019, , 31-46.	0.2	4
18	Changements côtiers holocènes le long de l'estuaire de la Gironde: nouvelles données à partir du système plage/dune de la péninsule du nord-Mâdoc. <i>Quaternaire</i> , 2019, , 47-75.	0.2	8

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19	Humans and their environment on the MÃ©doc coastline from the Mesolithic to the roman period. Quaternaire, 2019, , 77-75.	0.2	5
20	Foreword: North-MÃ©doc quaternary formations as indicators of change in European environments and associated human settlements: new insights after the "LITAQ project". Quaternaire, 2019, , 1-4.	0.2	1
21	High-throughput DNA sequencing of ancient wood. Molecular Ecology, 2018, 27, 1138-1154.	3.9	73
22	Spatio-temporal dynamics of hydrographic reorganizations and iceberg discharges at the junction between the Northeast Atlantic and Norwegian Sea basins surrounding Heinrich event 4. Earth and Planetary Science Letters, 2018, 481, 236-245.	4.4	5
23	Human-induced river runoff overlapping natural climate variability over the last 150 years: Palynological evidence (Bay of Brest, NW France). Global and Planetary Change, 2018, 160, 109-122.	3.5	14
24	Distribution and (palaeo)ecological affinities of the main <i>Spiniferites</i> taxa in the mid-high latitudes of the Northern Hemisphere. Palynology, 2018, 42, 182-202.	1.5	16
25	Deciphering long-term coastal dynamics using IR-RF and ESR dating: a case study from MÃ©doc, south-west France. Quaternary Geochronology, 2018, 48, 108-120.	1.4	16
26	Multi-centennial variability of the AMOC over the Holocene: A new reconstruction based on multiple proxy-derived SST records. Global and Planetary Change, 2018, 170, 172-189.	3.5	46
27	The morphotypes of <i>Neogloboquadrina pachyderma</i> : Isotopic signature and distribution patterns in the Canadian Arctic Archipelago and adjacent regions. Marine Micropaleontology, 2018, 142, 13-24.	1.2	11
28	Compiling multiproxy quantitative hydrographic data from Holocene marine archives in the North Atlantic: A way to decipher oceanic and climatic dynamics and natural modes?. Global and Planetary Change, 2018, 170, 48-61.	3.5	7
29	A two-million-year-long hydroclimatic context for hominin evolution in southeastern Africa. Nature, 2018, 560, 76-79.	27.8	73
30	Monsoonal Forcing of European Ice Sheet Dynamics During the Late Quaternary. Geophysical Research Letters, 2018, 45, 7066-7074.	4.0	17
31	Holocene paleoceanography of the Bay of Biscay: Evidence for west-east linkages in the North Atlantic based on dinocyst data. Palaeogeography, Palaeoclimatology, Palaeoecology, 2017, 468, 403-413.	2.3	12
32	The southern Norwegian Sea during the last 45 ka: hydrographical reorganizations under changing ice sheet dynamics. Journal of Quaternary Science, 2017, 32, 908-922.	2.1	11
33	Regional seesaw between the North Atlantic and Nordic Seas during the last glacial abrupt climate events. Climate of the Past, 2017, 13, 729-739.	3.4	10
34	Changes in Holocene meridional circulation and poleward Atlantic flow: the Bay of Biscay as a nodal point. Climate of the Past, 2017, 13, 201-216.	3.4	24
35	Climate change and ecosystems dynamics over the last 6000 years in the Middle Atlas, Morocco. Climate of the Past, 2016, 12, 1029-1042.	3.4	18
36	Palaeohydrological changes over the last 50ky in the central Gulf of Cadiz: complex forcing mechanisms mixing multi-scale processes. Biogeosciences, 2016, 13, 5357-5377.	3.3	12

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37	Norwegian Sea warm pulses during Dansgaard-Oeschger stadials: Zooming in on these anomalies over the 35â€“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
38	Dinoflagellate cyst population evolution throughout past interglacials: Key features along the Iberian margin and insights from the new IODP Site U1385 (Exp 339). <i>Global and Planetary Change</i> , 2016, 136, 52-64.	3.5	16
39	Millennial-scale fluctuations of the European Ice Sheet at the end of the last glacial, and their potential impact on global climate. <i>Quaternary Science Reviews</i> , 2015, 123, 113-133.	3.0	122
40	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
41	African humid periods triggered the reactivation of a large river system in Western Sahara. <i>Nature Communications</i> , 2015, 6, 8751.	12.8	74
42	High frequency environmental changes and deposition processes in a 2â€“kyr-long sedimentological record from the Cap-Breton canyon (Bay of Biscay). <i>Holocene</i> , 2015, 25, 348-365.	1.7	12
43	Evidence for a three-phase sequence during Heinrich Stadial 4 using a multiproxy approach based on Greenland ice core records. <i>Climate of the Past</i> , 2014, 10, 2115-2133.	3.4	49
44	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.	3.4	6
45	An 18 000â€“year pollen and sedimentary record from the cedar forests of the Middle Atlas, Morocco. <i>Journal of Quaternary Science</i> , 2014, 29, 423-432.	2.1	29
46	2000years of frequent turbidite activity in the Capbreton Canyon (Bay of Biscay). <i>Marine Geology</i> , 2014, 347, 136-152.	2.1	23
47	Paleoceanographic history of the Northwest Pacific Ocean over the past 740 kyr, discerned from radiolarian fauna. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 26-40.	2.3	28
48	High resolution Holocene record in the southeastern Bay of Biscay: Global versus regional climate signals. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 377, 28-44.	2.3	33
49	Seaâ€“surface hydrographical conditions off South Faeroes and within the Northâ€“astern North Atlantic through <sc>MIS</sc> 2: the response of dinocysts. <i>Journal of Quaternary Science</i> , 2013, 28, 217-228.	2.1	10
50	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.	3.3	13
51	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
52	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.	3.4	32
53	CANYON HEADS AND RIVER PLUMES: HOW MIGHT THEY INFLUENCE NERITIC PLANKTONIC FORAMINIFERA COMMUNITIES IN THE SE BAY OF BISCAY?. <i>Journal of Foraminiferal Research</i> , 2012, 42, 257-269.	0.5	14
54	European climate optimum and enhanced Greenland melt during the Last Interglacial. <i>Geology</i> , 2012, 40, 627-630.	4.4	78

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55	New constraints on European glacial freshwater releases to the North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	33
56	The deglacial to postglacial marine environments of the Scotian Shelf: a view from the Labrador Boreas, 2012, 41, 141-179.	2.3	28
57	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
58	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
59	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
60	Evidence for delayed poleward expansion of North Atlantic surface waters during the last interglacial (MIS 5e). <i>Quaternary Science Reviews</i> , 2011, 30, 934-946.	3.0	57
61	Assessment of sea surface temperature changes in the Gulf of Cadiz during the last 30 ka: implications for glacial changes in the regional hydrography. <i>Biogeosciences</i> , 2011, 8, 2295-2316.	3.3	20
62	Planktonic foraminifera in the Arctic: potentials and issues regarding modern and quaternary populations. <i>IOP Conference Series: Earth and Environmental Science</i> , 2011, 14, 012005.	0.3	19
63	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
64	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
65	Comments to Westaway and Bridgland – Causes, consequences and chronology of large-magnitude palaeoflows in Middle and Late Pleistocene river systems of northwest Europe. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 1410-1413.	2.5	4
66	The first estimation of Fleuve Manche palaeoriver discharge during the last deglaciation: Evidence for Fennoscandian ice sheet meltwater flow in the English Channel ca 20 ka ago. <i>Earth and Planetary Science Letters</i> , 2010, 290, 459-473.	4.4	85
67	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
68	Constraints on the magnitude and patterns of ocean cooling at the Last Glacial Maximum. <i>Nature Geoscience</i> , 2009, 2, 127-132.	12.9	517
69	Planktic foraminiferal production along an offshore-onshore transect in the south-eastern Bay of Biscay. <i>Continental Shelf Research</i> , 2009, 29, 1123-1135.	1.8	24
70	Timing of massive Fleuve Manche discharges over the last 350kyr: insights into the European ice-sheet oscillations and the European drainage network from MIS 10 to 2. <i>Quaternary Science Reviews</i> , 2009, 28, 1238-1256.	3.0	173
71	A 1.2Ma record of glaciation and fluvial discharge from the West European Atlantic margin. <i>Quaternary Science Reviews</i> , 2009, 28, 2974-2981.	3.0	113
72	What forced the collapse of European ice sheets during the last two glacial periods (150kaB.P. and 66-78.	2.3	33

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73	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
74	Activity of the turbidite levees of the Celtic-Armorican margin (Bay of Biscay) during the last 30,000 years: Imprints of the last European deglaciation and Heinrich events. <i>Marine Geology</i> , 2008, 247, 84-103.	2.1	71
75	Interglacial variability (MIS 5 and MIS 7) and dinoflagellate cyst assemblages in the Bay of Biscay (North Atlantic). <i>Marine Micropaleontology</i> , 2008, 68, 136-155.	1.2	43
76	Quaternary paleoceanography of the central Arctic based on Integrated Ocean Drilling Program Arctic Coring Expedition 302 foraminiferal assemblages. <i>Paleoceanography</i> , 2008, 23, .	3.0	58
77	Deglacial laminated facies on the NW European continental margin: The hydrographic significance of British-Irish Ice Sheet deglaciation and Fleuve Manche paleoriver discharges. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	51
78	Low-latitude dust events vs. high-latitude Heinrich Events. <i>Quaternary Research</i> , 2007, 68, 379-386.	1.7	84
79	Comparing proxies for the reconstruction of LGM sea-surface conditions in the northern North Atlantic. <i>Quaternary Science Reviews</i> , 2006, 25, 2820-2834.	3.0	108
80	Episodic fresh surface waters in the Eocene Arctic Ocean. <i>Nature</i> , 2006, 441, 606-609.	27.8	284
81	The Cenozoic palaeoenvironment of the Arctic Ocean. <i>Nature</i> , 2006, 441, 601-605.	27.8	471
82	Arctic hydrology during global warming at the Palaeocene/Eocene thermal maximum. <i>Nature</i> , 2006, 442, 671-675.	27.8	410
83	The impact of the last European deglaciation on the deep-sea turbidite systems of the Celtic-Armorican margin (Bay of Biscay). <i>Geo-Marine Letters</i> , 2006, 26, 317-329.	1.1	81
84	Palaeoclimatology and palaeohydrography of the glacial stages on Celtic and Armorican margins over the last 360000 yrs. <i>Marine Geology</i> , 2005, 224, 57-82.	2.1	30
85	Reconstruction of sea-surface conditions at middle to high latitudes of the Northern Hemisphere during the Last Glacial Maximum (LGM) based on dinoflagellate cyst assemblages. <i>Quaternary Science Reviews</i> , 2005, 24, 897-924.	3.0	283
86	Comparison of the Holocene and Eemian palaeoenvironments in the South Icelandic Basin: dinoflagellate cysts as proxies for the North Atlantic surface circulation. <i>Review of Palaeobotany and Palynology</i> , 2004, 128, 55-79.	1.5	41
87	Norwegian sea-surface palaeoenvironments of marine oxygen-isotope stage 3: the paradoxical response of dinoflagellate cysts. <i>Journal of Quaternary Science</i> , 2002, 17, 349-359.	2.1	25
88	Terrigenous fluxes at the Celtic margin during the last glacial cycle. <i>Marine Geology</i> , 2002, 188, 79-108.	2.1	57
89	Initiation of the European deglaciation as recorded in the northwestern Bay of Biscay slope environments (Meriadzek Terrace and Trevelyan Escarpment): a multi-proxy approach. <i>Earth and Planetary Science Letters</i> , 2001, 188, 493-507.	4.4	105
90	Dinoflagellate cyst assemblages as tracers of sea-surface conditions in the northern North Atlantic, Arctic and sub-Arctic seas: the new $n=677$ data base and its application for quantitative palaeoceanographic reconstruction. <i>Journal of Quaternary Science</i> , 2001, 16, 681-698.	2.1	303

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91	Direct land/sea correlation of the Eemian, and its comparison with the Holocene: a high-resolution palynological record off the Iberian margin. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2000, 79, 345-354.	0.9	63
92	Dinoflagellate cyst evidence of "Heinrich-like events" off Portugal during the Marine Isotopic Stage 5. <i>Marine Micropaleontology</i> , 2000, 40, 9-21.	1.2	45
93	European Climatic Response to Millennial-Scale Changes in the Atmosphere-Ocean System during the Last Glacial Period. <i>Quaternary Research</i> , 2000, 54, 394-403.	1.7	226
94	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.	1.4	73
95	High resolution palynological record off the Iberian margin: direct land-sea correlation for the Last Interglacial complex. <i>Earth and Planetary Science Letters</i> , 1999, 171, 123-137.	4.4	364
96	Human settlement and landscape dynamics on the coastline south of the Gironde estuary (SW France): A multi-proxy approach. <i>Journal of Island and Coastal Archaeology</i> , 0, , 1-22.	1.4	2
97	Lateglacial and Holocene sedimentary dynamics in northwestern Baffin Bay as recorded in sediment cores from Cape Norton Shaw Inlet (Nunavut, Canada). <i>Boreas</i> , 0, , .	2.4	5