

AurÃ©lie Penaud

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,130
citations

430874

18
h-index

395702

33
g-index

44
all docs

44
docs citations

44
times ranked

1420
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Consistently dated Atlantic sediment cores over the last 40 thousand years. <i>Scientific Data</i> , 2019, 6, 165.	5.3	63
5	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
6	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
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	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
9	Middle- to late-Holocene storminess in Brittany (NW France): Part II " The chronology of events and climate forcing. <i>Holocene</i> , 2014, 24, 434-453.	1.7	40
10	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
11	What forced the collapse of European ice sheets during the last two glacial periods (150kaB.P. and) Tj ETQq1 1 0.784314 rgBT /Overl	2.3	33
12	New constraints on European glacial freshwater releases to the North Atlantic Ocean. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	33
13	From bi-polar to regional distribution of modern dinoflagellate cysts, an overview of their biogeography. <i>Marine Micropaleontology</i> , 2020, 159, 101753.	1.2	27
14	Sediment archives reveal irreversible shifts in plankton communities after World War II and agricultural pollution. <i>Current Biology</i> , 2021, 31, 2682-2689.e7.	3.9	25
15	Middle- to late-Holocene storminess in Brittany (NW France): Part I " morphological impact and stratigraphical record. <i>Holocene</i> , 2014, 24, 413-433.	1.7	24
16	The dinoflagellate cyst genera <i>Achomosphaera</i> Evitt 1963 and <i>Spiniferites</i> Mantell 1850 in Pliocene to modern sediments: a summary of round table discussions. <i>Palynology</i> , 2018, 42, 10-44.	1.5	21
17	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
18	Dinoflagellate fossils: Geological and biological applications. <i>Revue De Micropaleontologie</i> , 2018, 61, 235-254.	0.4	20

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19	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
20	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
21	Coastal palaeoenvironmental record of the last 7 kyr BP in NW France: Sub-millennial climatic and anthropic Holocene signals. <i>Holocene</i> , 2014, 24, 1785-1797.	1.7	14
22	Modern palynological record in the Bay of Brest (NW France): Signal calibration for palaeo-reconstructions. <i>Review of Palaeobotany and Palynology</i> , 2017, 244, 13-25.	1.5	14
23	Human-induced river runoff overlapping natural climate variability over the last 150 years: Palynological evidence (Bay of Brest, NW France). <i>Global and Planetary Change</i> , 2018, 160, 109-122.	3.5	14
24	Quantification of last glacial-Holocene net primary productivity and upwelling activity in the equatorial eastern Atlantic with a revised modern dinocyst database. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 410-427.	2.3	14
25	Holocene relative sea-level changes in western Brittany (France) between 7600 and 4000 cal. BP: Reconstitution from basal-peat deposits. <i>Geomorphologie Relief, Processus, Environnement</i> , 2013, 19, 425-444.	0.4	14
26	Dinocyst assemblage constraints on oceanographic and atmospheric processes in the eastern equatorial Atlantic over the last 44 kyr. <i>Biogeosciences</i> , 2016, 13, 4823-4841.	3.3	13
27	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
28	Palaeohydrological changes over the last 50 kyr in the central Gulf of Cadiz: complex forcing mechanisms mixing multi-scale processes. <i>Biogeosciences</i> , 2016, 13, 5357-5377.	3.3	12
29	Sea-surface hydrographical conditions off South Faeroes and within the North Atlantic through MIS 2: the response of dinocysts. <i>Journal of Quaternary Science</i> , 2013, 28, 217-228.	2.1	10
30	Climate variability and storm impacts as major drivers for human coastal marsh withdrawal over the Neolithic period (Southern Brittany, NW France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 435, 136-144.	2.3	7
31	Present-day palynomorph deposits in an estuarine context: The case of the Loire Estuary. <i>Journal of Sea Research</i> , 2016, 118, 35-51.	1.6	7
32	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
33	Fossil maerl beds as coastal indicators of late Holocene palaeo-environmental evolution in the Bay of Brest (Western France). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 577, 110525.	2.3	7
34	Palaeoenvironmental reconstructions during the Meso- to Neolithic transition (9.2–5.3 cal. ka BP) in Northwestern France: Palynological evidences. <i>Holocene</i> , 2019, 29, 380-402.	1.7	6
35	Distribution of modern dinocysts in surface sediments of southern Brittany (NW France) in relation to environmental parameters: Implications for paleoreconstructions. <i>Review of Palaeobotany and Palynology</i> , 2022, 297, 104578.	1.5	4
36	Imprint of seasonality changes on fluvio-glacial dynamics across Heinrich Stadial 1 (NE Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	3.5	3

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37	Striking forest revival at the end of the Roman Period in north-western Europe. <i>Scientific Reports</i> , 2020, 10, 21984.	3.3	3
38	Ocean Productivity in the Gulf of Cadiz Over the Last 50 kyr. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	3
39	A new midshelf record in the northern Bay of Biscay (NE Atlantic, CBT-CS11 core): Sedimentological, geochemical and palynological data over the last 7 kyrs. <i>Data in Brief</i> , 2020, 29, 105323.	1.0	1
40	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
41	Enregistrement stratigraphique de l'holocène en baie d'Audierne: impact morphologique des tempêtes. <i>Quaternaire</i> , 2015, , 87-104.	0.2	1