Marie-Alexandrine Sicre

List of Publications by Year
in descending order

102 papers	6,762 citations	50273 46 h-index	64791 79 g-index
115 all docs	115 docs citations	115 times ranked	7582 citing authors

#	Article	IF	Citations
1	Middle-late Holocene climate and hydrologic changes in the Gulf of Saros (NE Aegean Sea). Marine Geology, 2022, 443, 106688.	2.1	3
2	HBIs and Sterols in Surface Sediments Across the East Siberian Sea: Implications for Palaeo Seaâ€Ice Reconstructions. Geochemistry, Geophysics, Geosystems, 2022, 23, .	2.5	9
3	Vegetation change across the Drake Passage region linked to late Eocene cooling and glacial disturbance after the Eoceneâ€“Oligocene transition. Climate of the Past, 2022, 18, 209-232.	3.4	11
4	Centennial-scale variability of sea-ice cover in the Chukchi Sea since AD 1850 based on biomarker reconstruction. Environmental Research Letters, 2022, 17, 044058.	5.2	2
5	Ocean surface and bottom water conditions, iceberg drift and sediment transport on the North Iceland margin during MIS 3 and MIS 2. Quaternary Science Reviews, 2021, 252, 106722.	3.0	3
6	Northern Hemisphere atmospheric pattern enhancing Eastern Mediterranean Transient-type events during the past 1000 years. Climate of the Past, 2021, 17, 1523-1532.	3.4	1
7	A composite Pliocene record of sea surface temperature in the central Mediterranean (Capo Rossello) Tj ETQq1 1 0.784314 rgBT /Ove	2.1	2
8	Siliceous micro- and nanoplankton fluxes over the Northwind Ridge and their relationship to environmental conditions in the western Arctic Ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 174, 103568.	1.4	0
9	Trends and centennial-scale variability of surface water temperatures in the North Atlantic during the Holocene. Quaternary Science Reviews, 2021, 265, 107033.	3.0	5
10	Climate variability of the last ~2700 years in the Southern Adriatic Sea: Coccolithophore evidences. Holocene, 2020, 30, 53-64.	1.7	8
11	A Roadmap for Using the UN Decade of Ocean Science for Sustainable Development in Support of Science, Policy, and Action. One Earth, 2020, 2, 34-42.	6.8	191
12	Sea Surface Temperature Variability on the SEâ€Greenland Shelf (1796â€“2013 CE) and Its Influence on Thrym Glacier in NÃ¸rre Skjoldungesund. Paleoceanography and Paleoclimatology, 2020, 35, e2019PA003692.	2.9	3
13	Southern Ocean temperature records and ice-sheet models demonstrate rapid Antarctic ice sheet retreat under low atmospheric CO2 during Marine Isotope Stage 31. Quaternary Science Reviews, 2020, 228, 106069.	3.0	14
14	Mid- to Late-Holocene Mediterranean climate variability: Contribution of multi-proxy and multi-sequence comparison using wavelet spectral analysis in the northwestern Mediterranean basin. Earth-Science Reviews, 2020, 208, 103232.	9.1	16
15	Diatom composition and fluxes over the Northwind Ridge, western Arctic Ocean: Impacts of marine surface circulation and sea ice distribution. Progress in Oceanography, 2020, 186, 102377.	3.2	16
16	A Major Collapse of Kangerlussuaq Glacier's Ice Tongue Between 1932 and 1933 in East Greenland. Geophysical Research Letters, 2020, 47, e2019GL085954.	4.0	9
17	Evolution of the Zonal Gradients Across the Equatorial Pacific During the Mioceneâ€“Pleistocene. Journal of Sedimentary Research, 2019, 89, 242-252.	1.6	1
18	Influence of the North Atlantic subpolar gyre circulation on the 4.2â€‰kaâ€‰BP event. Climate of the Past, 2019, 15, 701-711.	3.4	10

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19	The 4.2â€‰kaâ€‰BP Event in the Mediterranean region: an overview. Climate of the Past, 2019, 15, 555-577.	3.4	129
20	The 4.2Âka Event in the Euro-Mediterranean Regionâ€"A Study from the MISTRALS/PALEOMEX Program. Advances in Science, Technology and Innovation, 2019, , 13-15.	0.4	1
21	Seasonal and spatial variability of sea ice and phytoplankton biomarker flux in the Chukchi sea (western Arctic Ocean). Progress in Oceanography, 2019, 171, 22-37.	3.2	26
22	Deltaic and Coastal Sediments as Recorders of Mediterranean Regional Climate and Human Impact Over the Past Three Millennia. Paleoceanography and Paleoclimatology, 2018, 33, 579-593.	2.9	17
23	High-resolution Holocene climate and hydrological variability from two major Mediterranean deltas (Nile and Rhone). Holocene, 2017, 27, 1158-1168.	1.7	20
24	Exceptional 20th century glaciological regime of a major SE Greenland outlet glacier. Scientific Reports, 2017, 7, 13626.	3.3	11
25	A global multiproxy database for temperature reconstructions of the Common Era. Scientific Data, 2017, 4, 170088.	5.3	268
26	Holocene climate variability in the North-Western Mediterranean Sea (Gulf of Lions). Climate of the Past, 2016, 12, 91-101.	3.4	55
27	Early onset of industrial-era warming across the oceans and continents. Nature, 2016, 536, 411-418.	27.8	242
28	Sea surface temperature variability in the North Western Mediterranean Sea (Gulf of Lion) during the Common Era. Earth and Planetary Science Letters, 2016, 456, 124-133.	4.4	36
29	Realising consilience: How better communication between archaeologists, historians and natural scientists can transform the study of past climate change in the Mediterranean. Quaternary Science Reviews, 2016, 136, 5-22.	3.0	113
30	Mediterranean Holocene climate, environment and human societies. Quaternary Science Reviews, 2016, 136, 1-4.	3.0	29
31	Holocene hydrological changes in the RhÃ´ne River (NW Mediterranean) as recorded in the marine mud belt. Climate of the Past, 2016, 12, 1539-1553.	3.4	27
32	The impact of freshening on phytoplankton production in the Pacific Arctic Ocean. Progress in Oceanography, 2015, 131, 113-125.	3.2	97
33	Robust global ocean cooling trend for the pre-industrial Common Era. Nature Geoscience, 2015, 8, 671-677.	12.9	166
34	Paleoenvironmental conditions for the development of calcareous nannofossil acme during the late Miocene in the eastern equatorial Pacific. Paleoceanography, 2014, 29, 210-222.	3.0	14
35	Labrador current variability over the last 2000 years. Earth and Planetary Science Letters, 2014, 400, 26-32.	4.4	49
36	Evaluation of the sea ice proxy IP25 against observational and diatom proxy data in the SW Labrador Sea. Quaternary Science Reviews, 2013, 79, 53-62.	3.0	41

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37	A 100-year long record of alkenone-derived SST changes by Southeast Greenland. Continental Shelf Research, 2013, 71, 45-51.	1.8	12
38	Changes in sea-surface conditions in the Equatorial Pacific during the middle Mioceneâ€“Pliocene as inferred from coccolith geochemistry. Earth and Planetary Science Letters, 2013, 361, 412-421.	4.4	64
39	Reconstructions of surface ocean conditions from the northeast Atlantic and Nordic seas during the last millennium. Holocene, 2013, 23, 921-935.	1.7	49
40	Sea surface temperature and sea ice variability in the subpolar North Atlantic from explosive volcanism of the late thirteenth century. Geophysical Research Letters, 2013, 40, 5526-5530.	4.0	14
41	Seemingly divergent sea surface temperature proxy records in the central Mediterranean during the last deglaciation. Climate of the Past, 2013, 9, 1375-1383.	3.4	18
42	Deglacial and Holocene vegetation and climatic changes in the southern Central Mediterranean from a direct landâ€“sea correlation. Climate of the Past, 2013, 9, 767-787.	3.4	78
43	Northâ€“south palaeohydrological contrasts in the central Mediterranean during the Holocene: tentative synthesis and working hypotheses. Climate of the Past, 2013, 9, 2043-2071.	3.4	195
44	Phytoplankton distribution in unusually low sea ice cover over the Pacific Arctic. Biogeosciences, 2012, 9, 4835-4850.	3.3	73
45	Paleoclimate Variability in the Mediterranean Region. , 2012, , 1-86.		21
46	Late Holocene intermediate water variability in the northeastern Atlantic as recorded by deep-sea corals. Earth and Planetary Science Letters, 2012, 313-314, 34-44.	4.4	35
47	A Review of 2000 Years of Paleoclimatic Evidence in the Mediterranean. , 2012, , 87-185.		86
48	The Baltic Sea inflow regime at the termination of the Medieval Climate Anomaly linked to North Atlantic circulation. Baltica, 2012, 25, 57-64.	0.3	6
49	Multipleâ€stage deglacial retreat of the southern Greenland Ice Sheet linked with Irminger Current warm water transport. Paleoceanography, 2011, 26, .	3.0	50
50	Sea surface temperature variability in the subpolar Atlantic over the last two millennia. Paleoceanography, 2011, 26, .	3.0	78
51	Long chain alkenones in the Early Pliocene Sicilian sediments (Trubi Formation â€" Punta di Maiata) Tj ETQq1 1 0.784314 rgBT /Overlo Palaeoecology, 2011, 308, 253-263.	2.3	25
52	Marine ecosystemsâ€™ responses to climatic and anthropogenic forcings in the Mediterranean. Progress in Oceanography, 2011, 91, 97-166.	3.2	385
53	Impact of the East Asian monsoon rainfall changes on the erosion of the Mekong River basin over the past 25,000yr. Marine Geology, 2010, 271, 84-92.	2.1	88
54	Environmental and climatic changes in the central Mediterranean Sea (Siculoâ€“Tunisian Strait) during the last 30ka based on dinoflagellate cyst and planktonic foraminifera assemblages. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 285, 17-29.	2.3	44

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55	Distinctive 13C isotopic signature distinguishes a novel sea ice biomarker in Arctic sediments and sediment traps. Marine Chemistry, 2008, 112, 158-167.	2.3	64
56	Poly-aromatic hydrocarbon (PAH) inputs from the RhÃ´ne River to the Mediterranean Sea in relation with the hydrological cycle: Impact of floods. Marine Pollution Bulletin, 2008, 56, 1935-1942.	5.0	33
57	A 4500-year reconstruction of sea surface temperature variability at decadal time-scales off North Iceland. Quaternary Science Reviews, 2008, 27, 2041-2047.	3.0	62
58	Abrupt climate changes for Iceland during the last millennium: Evidence from high resolution sea ice reconstructions. Earth and Planetary Science Letters, 2008, 269, 565-569.	4.4	205
59	Decadal variability of sea surface temperatures off North Iceland over the last 2000Âyears. Earth and Planetary Science Letters, 2008, 268, 137-142.	4.4	148
60	CoccolithÎ´18O and alkenone records in middle Pliocene orbitally controlled deposits: High-frequency temperature and salinity variations of sea surface water. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	29
61	Variations of the ACC-CDW during MIS3 traced by magnetic grain deposition in midlatitude South Indian Ocean cores: Connections with the northern hemisphere and with central Antarctica. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	16
62	Hydrological changes in the Mediterranean Sea over the last 30,000 years. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	65
63	Global temperature calibration of the alkenone unsaturation index (UKâ€²37) in surface waters and comparison with surface sediments. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	313
64	A 27 kyr terrestrial biomarker record in the southern Indian Ocean. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	3
65	Mid-latitude Southern Indian Ocean response to Northern Hemisphere Heinrich events. Earth and Planetary Science Letters, 2005, 240, 724-731.	4.4	57
66	Lipid geochemistry of remote aerosols from the southwestern Pacific Ocean sector. Atmospheric Environment, 2004, 38, 1615-1624.	4.1	24
67	Erosional history of the eastern Tibetan Plateau since 190 kyr ago: clay mineralogical and geochemical investigations from the southwestern South China Sea. Marine Geology, 2004, 209, 1-18.	2.1	135
68	Relationship of the tetra-unsaturated C37alkenone to salinity and temperature: Implications for paleoproxy applications. Geochemistry, Geophysics, Geosystems, 2002, 3, 1-11.	2.5	63
69	Geomagnetic-assisted stratigraphy and sea surface temperature changes in core MD94-103 (Southern) Tj ETQq1 1 0.784314 rgBT /O Planetary Science Letters, 2002, 201, 159-170.	4.4	60
70	Alkenone distributions in the North Atlantic and Nordic sea surface waters. Geochemistry, Geophysics, Geosystems, 2002, 3, 1 of 13-13 of 13.	2.5	68
71	Climatic changes in the upwelling region off Cap Blanc, NW Africa, over the last 70 kyear: a multi-biomarker approach. Organic Geochemistry, 2001, 32, 981-990.	1.8	35
72	The importance of terrestrial organic carbon inputs on Kara Sea shelves as revealed by n-alkanes, OC and Î13C values. Organic Geochemistry, 2000, 31, 363-374.	1.8	100

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73	Biomarker stratigraphic records over the last 150 kyears off the NW African coast at 25Â°N. Organic Geochemistry, 2000, 31, 577-588.	1.8	48
74	Climatic changes along the northwestern African Continental Margin over the last 30 kyrs. Geophysical Research Letters, 2000, 27, 133-136.	4.0	34
75	Modifications of the C37alkenone and alkenoate composition in the water column and sediment: Possible implications for sea surface temperature estimates in paleoceanography. Geochemistry, Geophysics, Geosystems, 2000, 1, n/a-n/a.	2.5	63
76	Polycyclic Aromatic Hydrocarbons in the Arctic: Ob and Yenisei Estuaries and Kara Sea Shelf. Estuarine, Coastal and Shelf Science, 1999, 48, 725-737.	2.1	48
77	Contamination by Polycyclic Aromatic Hydrocarbons (PAHs) in French and European rivers. Hydrobiologia, 1999, 410, 343-348.	2.0	15
78	Refractory organic matter in sediments from the Northâ€“West African upwelling system: abundance, chemical structure and origin. Organic Geochemistry, 1999, 30, 101-117.	1.8	66
79	Sedimentary 4-desmethyl sterols and n-alkanols in an eutrophic urban estuary, Capibaribe River, Brazil. Science of the Total Environment, 1999, 231, 1-16.	8.0	49
80	Alkenones in the northwestern Mediterranean Sea: Interannual variability and vertical transfer. Geophysical Research Letters, 1999, 26, 1735-1738.	4.0	49
81	Hydrocarbons, sterols and alkenones in sinking particles in the Indian Ocean sector of the Southern Ocean. Organic Geochemistry, 1998, 28, 489-501.	1.8	56
82	Evaluation of long-chain alkenones as paleo-temperature indicators in the Mediterranean Sea. Deep-Sea Research Part I: Oceanographic Research Papers, 1997, 44, 271-286.	1.4	130
83	Mass budget and dynamics of polycyclic aromatic hydrocarbons in the Mediterranean Sea. Deep-Sea Research Part II: Topical Studies in Oceanography, 1997, 44, 881-905.	1.4	142
84	Polyaromatic hydrocarbon (PAH) distributions in the Seine River and its estuary. Marine Pollution Bulletin, 1997, 34, 857-867.	5.0	319
85	Aquatic Hydrocarbon Distributions in the Seine Estuary: Biogenic Polyaromatics and n-Alkanes. Estuaries and Coasts, 1997, 20, 281.	1.7	16
86	An integrated view of inorganic and organic biogeochemical indicators of palaeoproductivity changes in a coastal upwelling area. Organic Geochemistry, 1996, 24, 411-420.	1.8	28
87	Characterization of macromolecular organic matter in sediment traps from the northwestern Mediterranean Sea. Geochimica Et Cosmochimica Acta, 1996, 60, 1239-1259.	3.9	62
88	Production pattern of alkenones in the Mediterranean Sea. Geophysical Research Letters, 1996, 23, 3171-3174.	4.0	54
89	Molecular characterization of suspended and sedimentary organic matter in an Arctic delta. Limnology and Oceanography, 1996, 41, 488-497.	3.1	50
90	High-temperature supercritical fluid extraction of hydrocarbons from geological samples and comparison to Soxhlet extraction. Journal of High Resolution Chromatography, 1994, 17, 679-681.	1.4	15

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91	Distribution of sterols in the suspended particles of the Chang Jiang Estuary and adjacent East China Sea. Organic Geochemistry, 1994, 21, 1-10.	1.8	49
92	Molecular characterization of the organic fraction of suspended matter in the surface waters and bottom nepheloid layer of the Rhone delta using analytical pyrolysis. Organic Geochemistry, 1994, 21, 11-26.	1.8	41
93	Sources and Transport of Particulate Hydrocarbons in the Meso-tidal Changjiang Estuary. Estuarine, Coastal and Shelf Science, 1993, 37, 557-573.	2.1	22
94	Aspects of the geochemistry of sedimentary sterols in the Chang Jiang estuary. Organic Geochemistry, 1992, 18, 843-850.	1.8	22
95	Characterization of particulate organic matter in Mediterranean sea-surface films and underlying water by flash pyrolysis and gas chromatographic analyses. Organic Geochemistry, 1991, 17, 329-340.	1.8	17
96	Evolutionary trends in the lipid biomarker approach for investigating the biogeochemistry of organic matter in the marine environment. Marine Chemistry, 1991, 36, 233-248.	2.3	102
97	Evaluation of the atmospheric transport of marineâ€derived particles using longâ€chain unsaturated ketones. Journal of Geophysical Research, 1990, 95, 1789-1795.	3.3	12
98	nâ€Alkanes, fatty acid esters, and fatty acid salts in size fractionated aerosols collected over the Mediterranean Sea. Journal of Geophysical Research, 1990, 95, 3649-3657.	3.3	54
99	Aerosol transport of polynuclear aromatic hydrocarbons over the mediterranean sea. Die Naturwissenschaften, 1988, 75, 39-42.	1.6	41
100	Characterization of seawater samples using chemometric methods applied to biomarker fatty acids. Organic Geochemistry, 1988, 12, 281-288.	1.8	59
101	Aliphatic and Aromatic Hydrocarbons in the Mediterranean Aerosol. International Journal of Environmental Analytical Chemistry, 1987, 29, 73-94.	3.3	56
102	Aliphatic and aromatic hydrocarbons in different sized aerosols over the Mediterranean Sea: Occurrence and origin. Atmospheric Environment, 1987, 21, 2247-2259.	1.0	561