

# Francesca Sangiorgi

## List of Publications by Year in descending order

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89  
papers

4,795  
citations

136950

32  
h-index

102487

66  
g-index

112  
all docs

112  
docs citations

112  
times ranked

4301  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early and middle Miocene ice sheet dynamics in the Ross Sea: Results from integrated core-log-seismic interpretation. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 348-370.	3.3	13
2	Past Antarctic ice sheet dynamics (PAIS) and implications for future sea-level change. , 2022, , 689-768.		6
3	Antarctic environmental change and ice sheet evolution through the Miocene to Pliocene – a perspective from the Ross Sea and George V to Wilkes Land Coasts. , 2022, , 389-521.		5
4	Multi-proxy investigation of the post-evaporitic succession of the Piedmont Basin (Pollenzo section,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Palaeoclimatology, Palaeoecology, 2022, 594, 110961.	2.3	6
5	Pliocene evolution of the tropical Atlantic thermocline depth. <i>Climate of the Past</i> , 2022, 18, 961-973.	3.4	1
6	Climate-driven connectivity changes of the Black Sea since 430Åka: Testing a dual palynological and geochemical approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 561, 110069.	2.3	8
7	Identifying marine and freshwater overprints on soil-derived branched GDGT temperature signals in Pliocene Mississippi and Amazon River fan sediments. <i>Organic Geochemistry</i> , 2021, 154, 104200.	1.8	7
8	Dinoflagellate cyst distribution in surface sediments of Ambon Bay (eastern Indonesia): Environmental conditions and harmful blooms. <i>Marine Pollution Bulletin</i> , 2021, 166, 112269.	5.0	7
9	Temperate Oligocene surface ocean conditions offshore of Cape Adare, Ross Sea, Antarctica. <i>Climate of the Past</i> , 2021, 17, 1423-1442.	3.4	9
10	Hydrological Changes in Restricted Basins: Insights From Strontium Isotopes on Late Miocene–Pliocene Connectivity of the Eastern Paratethys (Dacian Basin, Romania). <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009369.	2.5	3
11	Middle Miocene Temperature and Productivity Evolution at a Northeast Atlantic Shelf Site (IODP Tj ETQq1 1 0.784314 rgBT /Overlock 11 36, e2020PA004059.	2.9	9
12	Sea-ice, primary productivity and ocean temperatures at the Antarctic marginal zone during late Pleistocene. <i>Quaternary Science Reviews</i> , 2021, 266, 107069.	3.0	4
13	Late Eocene–early Miocene evolution of the southern Australian subtropical front: a marine palynological approach. <i>Journal of Micropalaeontology</i> , 2021, 40, 175-193.	3.6	9
14	Sr isotope-salinity modelling constraints on Quaternary Black Sea connectivity. <i>Quaternary Science Reviews</i> , 2021, 273, 107254.	3.0	2
15	A large West Antarctic Ice Sheet explains early Neogene sea-level amplitude. <i>Nature</i> , 2021, 600, 450-455.	27.8	21
16	Paratethys pacing of the Messinian Salinity Crisis: Low salinity waters contributing to gypsum precipitation?. <i>Earth and Planetary Science Letters</i> , 2020, 532, 116029.	4.4	26
17	Holocene Evolution of the Burano Paleo-Lagoon (Southern Tuscany, Italy). <i>Water (Switzerland)</i> , 2020, 12, 1007.	2.7	15
18	Late Paleocene–early Eocene Arctic Ocean sea surface temperatures: reassessing biomarker paleothermometry at Lomonosov Ridge. <i>Climate of the Past</i> , 2020, 16, 2381-2400.	3.4	22

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19	A Ternary Mixing Model Approach Using Benthic Foraminifer $\delta^{13}C$ and $\delta^{18}O$ Data to Reconstruct Late Pliocene Deep Atlantic Water Mass Mixing. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003804.	2.9	2
20	Millennial-scale Climate Variability and Dinoflagellate Cyst-Based Seasonality Changes Over the Last ~150 kyrs at the Shackleton Site U1385. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1139-1156.	2.9	6
21	Arctic vegetation, temperature, and hydrology during Early Eocene transient global warming events. <i>Global and Planetary Change</i> , 2019, 178, 139-152.	3.5	68
22	<i>Nucicla umbiliphora</i> gen. et sp. nov.: a Quaternary peridinioid dinoflagellate cyst from the Antarctic margin. <i>Palynology</i> , 2019, 43, 94-103.	1.5	3
23	Where should we draw the lines between dinocyst "species"? Morphological continua in Black Sea dinocysts. <i>Journal of Micropalaeontology</i> , 2019, 38, 55-65.	3.6	8
24	Southern Ocean warming and Wilkes Land ice sheet retreat during the mid-Miocene. <i>Nature Communications</i> , 2018, 9, 317.	12.8	80
25	Controls on the onset and termination of past hypoxia in the Baltic Sea. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 490, 347-354.	2.3	17
26	Paleoceanography and ice sheet variability offshore Wilkes Land, Antarctica " Part 2: Insights from Oligocene-Miocene dinoflagellate cyst assemblages. <i>Climate of the Past</i> , 2018, 14, 1015-1033.	3.4	41
27	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
28	Migration of the dinoflagellate <i>Galeacysta etrusca</i> and its implications for the Messinian Salinity Crisis. <i>Newsletters on Stratigraphy</i> , 2018, 51, 73-91.	1.2	20
29	Paleoceanography and ice sheet variability offshore Wilkes Land, Antarctica " Part 1: Insights from late Oligocene astronomically paced contourite sedimentation. <i>Climate of the Past</i> , 2018, 14, 991-1014.	3.4	40
30	Marine productivity, water column processes and seafloor anoxia in relation to Nile discharge during sapropels S1 and S3. <i>Quaternary Science Reviews</i> , 2018, 200, 178-190.	3.0	18
31	Paleoceanography and ice sheet variability offshore Wilkes Land, Antarctica " Part 3: Insights from Oligocene-Miocene TEX <sub>86</sub> -based sea surface temperature reconstructions. <i>Climate of the Past</i> , 2018, 14, 1275-1297.	3.4	42
32	Land-sea coupling of early Pleistocene glacial cycles in the southern North Sea exhibit dominant Northern Hemisphere forcing. <i>Climate of the Past</i> , 2018, 14, 397-411.	3.4	15
33	Primary productivity in the western tropical Atlantic follows Neogene Amazon River evolution. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 506, 12-21.	2.3	5
34	Stratigraphic calibration of Oligocene-Miocene organic-walled dinoflagellate cysts from offshore Wilkes Land, East Antarctica, and a zonation proposal. <i>Journal of Micropalaeontology</i> , 2018, 37, 105-138.	3.6	32
35	A review of the ecological affinities of marine organic microfossils from a Holocene record offshore of Adlie Land (East Antarctica). <i>Journal of Micropalaeontology</i> , 2018, 37, 445-497.	3.6	14
36	Comparison of qualitative and quantitative dinoflagellate cyst approaches in reconstructing glacial-interglacial climate variability at West Iberian Margin IODP " Shackleton" Site U1385. <i>Marine Micropaleontology</i> , 2017, 136, 14-29.	1.2	10

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37	A new quantitative approach to identify reworking in Eocene to Miocene pollen records from offshore Antarctica using red fluorescence and digital imaging. <i>Biogeosciences</i> , 2017, 14, 2089-2100.	3.3	14
38	(2450â€“2451) Proposals to conserve the names <i>Selenopemphix</i> against <i>Margosphaera</i> , and <i>S. nephroides</i> against <i>M. velata</i> ( <i>Dinophyceae</i> ). <i>Taxon</i> , 2016, 65, 636-637.	0.7	2
39	Antarctic ice sheet sensitivity to atmospheric CO <sub>2</sub> variations in the early to mid-Miocene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 3453-3458.	7.1	133
40	Influence of deep-water derived isoprenoid tetraether lipids on the $\delta^{18}O$ of TEX <sub>86</sub> paleothermometer in the Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 125-141.	3.9	94
41	Recurrent phases of drought in the upper Miocene of the Black Sea region. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 423, 18-31.	2.3	29
42	Ecosystem response to human- and climate-induced environmental stress on an anoxic coastal lagoon (Etoliko, Greece) since 1930 AD. <i>Journal of Paleolimnology</i> , 2015, 53, 255-270.	1.6	27
43	Marine productivity leads organic matter preservation in sapropel S1: palynological evidence from a core east of the Nile River outflow. <i>Quaternary Science Reviews</i> , 2015, 108, 130-138.	3.0	30
44	Black Sea desiccation during the Messinian Salinity Crisis: Fact or fiction?. <i>Geology</i> , 2014, 42, 563-566.	4.4	40
45	Statistically assessing the correlation between salinity and morphology in cysts produced by the dinoflagellate <i>Protoceratium reticulatum</i> from surface sediments of the North Atlantic Ocean, Mediterraneanâ€“Marmaraâ€“Black Sea region, and Balticâ€“Kattegatâ€“Skagerrak estuarine system. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 202-213.	2.3	25
46	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , 2013, 6, 765-769.	12.9	219
47	Atlas of modern dinoflagellate cyst distribution based on 2405 data points. <i>Review of Palaeobotany and Palynology</i> , 2013, 191, 1-197.	1.5	369
48	Reorganization of Southern Ocean Plankton Ecosystem at the Onset of Antarctic Glaciation. <i>Science</i> , 2013, 340, 341-344.	12.6	97
49	Variability in the length of the sea ice season in the Middle Eocene Arctic. <i>Geology</i> , 2012, 40, 727-730.	4.4	11
50	Chronostratigraphic framework for the IODP Expedition 318 cores from the Wilkes Land Margin: Constraints for paleoceanographic reconstruction. <i>Paleoceanography</i> , 2012, 27, .	3.0	72
51	Antarctic and Southern Ocean influences on Late Pliocene global cooling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6423-6428.	7.1	158
52	Orbitally forced <i>Azolla</i> blooms and Middle Eocene Arctic hydrology: Clues from palynology. <i>Geology</i> , 2011, 39, 427-430.	4.4	27
53	Late Holocene sea-level rise in Tampa Bay: Integrated reconstruction using biomarkers, pollen, organic-walled dinoflagellate cysts, and diatoms. <i>Estuarine, Coastal and Shelf Science</i> , 2010, 86, 216-224.	2.1	39
54	New indices and calibrations derived from the distribution of crenarchaeal isoprenoid tetraether lipids: Implications for past sea surface temperature reconstructions. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4639-4654.	3.9	575

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55	Determining the absolute abundance of dinoflagellate cysts in recent marine sediments: The Lycopodium marker-grain method put to the test. <i>Review of Palaeobotany and Palynology</i> , 2009, 157, 238-252.	1.5	141
56	Process length variation in cysts of a dinoflagellate, <i>Lingulodinium machaerophorum</i> , in surface sediments: Investigating its potential as salinity proxy. <i>Marine Micropaleontology</i> , 2009, 70, 54-69.	1.2	123
57	Warm and wet conditions in the Arctic region during Eocene Thermal Maximum 2. <i>Nature Geoscience</i> , 2009, 2, 777-780.	12.9	167
58	The Eocene Arctic <i>Azolla</i> bloom: environmental conditions, productivity and carbon drawdown. <i>Geobiology</i> , 2009, 7, 155-170.	2.4	68
59	A hypocystal archeopyle in a freshwater dinoflagellate from the <i>Peridinium umbonatum</i> group (Dinophyceae) from Lake Nero di Cornisello, South Eastern Alps, Italy. <i>European Journal of Phycology</i> , 2009, 44, 241-250.	2.0	10
60	Early and middle Holocene in the Aegean Sea: interplay between high and low latitude climate variability. <i>Quaternary Science Reviews</i> , 2009, 28, 3246-3262.	3.0	117
61	Age model and core seismic integration for the Cenozoic Arctic Coring Expedition sediments from the Lomonosov Ridge. <i>Paleoceanography</i> , 2008, 23, .	3.0	157
62	A 26 million year gap in the central Arctic record at the greenhouse-icehouse transition: Looking for clues. <i>Paleoceanography</i> , 2008, 23, .	3.0	65
63	Cyclicity in the middle Eocene central Arctic Ocean sediment record: Orbital forcing and environmental response. <i>Paleoceanography</i> , 2008, 23, .	3.0	28
64	Arctic late Paleocene-early Eocene paleoenvironments with special emphasis on the Paleocene-Eocene thermal maximum (Lomonosov Ridge, Integrated Ocean Drilling Program Expedition 302). <i>Paleoceanography</i> , 2008, 23, .	3.0	135
65	Three-hundred-year hydrological changes in a subtropical estuary, Rookery Bay (Florida): Human impact versus natural variability. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	15
66	Mid-Cenozoic tectonic and paleoenvironmental setting of the central Arctic Ocean. <i>Paleoceanography</i> , 2008, 23, .	3.0	35
67	Molecular isotopic and dinoflagellate evidence for Late Holocene freshening of the Black Sea. <i>Earth and Planetary Science Letters</i> , 2008, 267, 426-434.	4.4	90
68	Diatoms (Bacillariophyceae) and Dinoflagellate Cysts (Dinophyceae) from Rookery Bay, Florida, U.S.A.. <i>Caribbean Journal of Science</i> , 2007, 43, 23-58.	0.3	32
69	Aegean Sea as driver of hydrographic and ecological changes in the eastern Mediterranean. <i>Geology</i> , 2007, 35, 675.	4.4	66
70	A biological and geochemical integrated approach to assess the environmental quality of a coastal lagoon (Ravenna, Italy). <i>Environment International</i> , 2007, 33, 919-928.	10.0	35
71	The early Miocene onset of a ventilated circulation regime in the Arctic Ocean. <i>Nature</i> , 2007, 447, 986-990.	27.8	208
72	Phytoplankton dynamics in the eastern Mediterranean Sea during Marine Isotopic Stage 5e. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 235, 28-47.	2.3	24

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73	Foraminiferal variations and stratigraphic implications to the deposition of sapropel S5 in the eastern Mediterranean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 235, 48-65.	2.3	21
74	Geochemical and micropaleontological characterisation of a Mediterranean sapropel S5: A case study from core BAN89GC09 (south of Crete). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 235, 192-207.	2.3	22
75	Episodic fresh surface waters in the Eocene Arctic Ocean. <i>Nature</i> , 2006, 441, 606-609.	27.8	284
76	Peridinioid dinoflagellate cysts in a Holocene high-mountain lake deposit in Italy. <i>Journal of Paleolimnology</i> , 2006, 36, 315-318.	1.6	6
77	Pyrolysis- <sup>13</sup> C-MS to trace terrigenous organic matter in marine sediments: a comparison between pyrolytic and lipid markers in the Adriatic Sea. <i>Analytica Chimica Acta</i> , 2005, 530, 253-261.	5.4	26
78	The distribution of sterols and organic-walled dinoflagellate cysts in surface sediments of the North-western Adriatic Sea (Italy). <i>Estuarine, Coastal and Shelf Science</i> , 2005, 64, 395-406.	2.1	33
79	Reconstructing 150 years of eutrophication in the north-western Adriatic Sea (Italy) using dinoflagellate cysts, pollen and spores. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 60, 69-79.	2.1	91
80	Holocene seasonal sea-surface temperature variations in the southern Adriatic Sea inferred from a multiproxy approach. <i>Journal of Quaternary Science</i> , 2003, 18, 723-732.	2.1	78
81	Coccolithophorid ecostratigraphy and multi-proxy paleoceanographic reconstruction in the Southern Adriatic Sea during the last deglacial time (Core AD91-17). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003, 190, 39-59.	2.3	57
82	A centennial scale organic-walled dinoflagellate cyst record of the last deglaciation in the South Adriatic Sea (Central Mediterranean). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 186, 199-216.	2.3	31
83	Expedition 374 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	11
84	Expedition 374 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	14
85	Site U1522. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	3
86	Site U1524. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	4
87	Site U1521. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	4
88	Site U1525. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	3
89	Site U1523. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	6