

Oliver Esper

List of Publications by Year in descending order

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46
papers

1,398
citations

430754

18
h-index

434063

31
g-index

47
all docs

47
docs citations

47
times ranked

1758
citing authors

#	ARTICLE	IF	CITATIONS
1	A 350-year multiproxy record of climate-driven environmental shifts in the Amundsen Sea Polynya, Antarctica. <i>Global and Planetary Change</i> , 2021, 205, 103589.	1.6	4
2	Highly branched isoprenoids reveal onset of deglaciation followed by dynamic sea-ice conditions in the western Amundsen Sea, Antarctica. <i>Quaternary Science Reviews</i> , 2020, 228, 106103.	1.4	13
3	Antarctic Circumpolar Current Dynamics at the Pacific Entrance to the Drake Passage Over the Past 1.3 Million Years. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003773.	1.3	23
4	Temperate rainforests near the South Pole during peak Cretaceous warmth. <i>Nature</i> , 2020, 580, 81-86.	13.7	69
5	Sea ice dynamics in the Bransfield Strait, Antarctic Peninsula, during the past 240 years: a multi-proxy intercomparison study. <i>Climate of the Past</i> , 2020, 16, 2459-2483.	1.3	19
6	Highly branched isoprenoids for Southern Ocean sea ice reconstructions: a pilot study from the Western Antarctic Peninsula. <i>Biogeosciences</i> , 2019, 16, 2961-2981.	1.3	15
7	Biogeographic differentiation between two morphotypes of the Southern Ocean diatom <i>Fragilariopsis kerguelensis</i> . <i>Polar Biology</i> , 2019, 42, 1369-1376.	0.5	7
8	Biogeochemical proxies and diatoms in surface sediments across the Drake Passage reflect oceanic domains and frontal systems in the region. <i>Progress in Oceanography</i> , 2019, 174, 72-88.	1.5	16
9	Distribution and ecology of planktic foraminifera in the North Pacific: Implications for paleo-reconstructions. <i>Quaternary Science Reviews</i> , 2018, 191, 256-274.	1.4	18
10	Quantitative comparison of taxa and taxon concepts in the diatom genus <i>Fragilariopsis</i> : a case study on using slide scanning, multiexpert image annotation, and image analysis in taxonomy. <i>Journal of Phycology</i> , 2018, 54, 703-719.	1.0	10
11	Morphometry of the diatom <i>Fragilariopsis kerguelensis</i> from Southern Ocean sediment: High-throughput measurements show second morphotype occurring during glacials. <i>Marine Micropaleontology</i> , 2018, 143, 70-79.	0.5	18
12	MeBo70 Seabed Drilling on a Polar Continental Shelf: Operational Report and Lessons From Drilling in the Amundsen Sea Embayment of West Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 4235-4250.	1.0	9
13	Large-Scale Permanent Slide Imaging and Image Analysis for Diatom Morphometrics. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 330.	1.3	20
14	Last Glacial Maximum sea surface temperature and sea-ice extent in the Pacific sector of the Southern Ocean. <i>Quaternary Science Reviews</i> , 2016, 146, 216-237.	1.4	44
15	Constraining the dating of late Quaternary marine sediment records from the Scotia Sea (Southern) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	31
16	Last Glacial - Holocene climate variability in the Atlantic sector of the Southern Ocean. <i>Quaternary Science Reviews</i> , 2016, 135, 115-137.	1.4	44
17	Holocene ice dynamics and bottom-water formation associated with Cape Darnley polynya activity recorded in Burton Basin, East Antarctica. <i>Marine Geophysical Researches</i> , 2016, 37, 49-70.	0.5	19
18	Antarctic Zone nutrient conditions during the last two glacial cycles. <i>Paleoceanography</i> , 2015, 30, 845-862.	3.0	88

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19	Diatom distributions in northern North Pacific surface sediments and their relationship to modern environmental variables. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 402, 81-103.	1.0	78
20	New tools for the reconstruction of Pleistocene Antarctic sea ice. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 399, 260-283.	1.0	53
21	Quaternary surface water temperature estimations: New diatom transfer functions for the Southern Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 414, 1-19.	1.0	45
22	Atlas of modern dinoflagellate cyst distribution based on 2405 data points. <i>Review of Palaeobotany and Palynology</i> , 2013, 191, 1-197.	0.8	369
23	Calcareous dinoflagellate cysts from the Pleistocene (Marine Isotope Stage 31) of the Ross Sea, Antarctica. <i>Antarctic Science</i> , 2011, 23, 597-604.	0.5	4
24	Organic-walled dinoflagellate cysts as indicators of oceanographic conditions and terrigenous input in the NW African upwelling region. <i>Review of Palaeobotany and Palynology</i> , 2010, 159, 35-55.	0.8	33
25	Diatom distribution in southeastern Pacific surface sediments and their relationship to modern environmental variables. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 287, 1-27.	1.0	50
26	NW African climate variations during the last 47,000 years: Evidence from organic-walled dinoflagellate cysts. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 443-455.	1.0	18
27	Distribution of organic-walled dinoflagellate cysts in shelf surface sediments of the Benguela upwelling system in relationship to environmental conditions. <i>Marine Micropaleontology</i> , 2007, 64, 91-119.	0.5	63
28	The potential of organic-walled dinoflagellate cysts for the reconstruction of past sea-surface conditions in the Southern Ocean. <i>Marine Micropaleontology</i> , 2007, 65, 185-212.	0.5	52
29	The (palaeo) environmental significance of modern calcareous dinoflagellate cysts: a review. <i>Palaontologische Zeitschrift</i> , 2005, 79, 61-77.	0.8	28
30	A palynological reconstruction of the Agulhas Retroflexion (South Atlantic Ocean) during the Late Quaternary. <i>Global and Planetary Change</i> , 2004, 41, 31-62.	1.6	28
31	Distribution of organic-walled dinoflagellate cysts in surface sediments of the Southern Ocean (eastern Atlantic sector) between the Subtropical Front and the Weddell Gyre. <i>Marine Micropaleontology</i> , 2002, 46, 177-208.	0.5	50
32	Site U1542. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	0
33	Expedition 383 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	2
34	Site U1541. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	1
35	Site U1544. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	0
36	Site U1540. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	3

#	ARTICLE	IF	CITATIONS
37	Site U1543. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1
38	Expedition 383 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	7
39	Site U1539. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	1
40	Expedition 374 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	11
41	Expedition 374 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	14
42	Site U1522. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3
43	Site U1524. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	4
44	Site U1521. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	4
45	Site U1525. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	3
46	Site U1523. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	6