

# Linda H Armbrecht

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2975827/publications.pdf>

Version: 2024-02-01

22  
papers

469  
citations

759233

12  
h-index

713466

21  
g-index

23  
all docs

23  
docs citations

23  
times ranked

758  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ancient DNA from marine sediments: Precautions and considerations for seafloor coring, sample handling and data generation. <i>Earth-Science Reviews</i> , 2019, 196, 102887.	9.1	90
2	An optimized method for the extraction of ancient eukaryote DNA from marine sediments. <i>Molecular Ecology Resources</i> , 2020, 20, 906-919.	4.8	55
3	Phytoplankton composition under contrasting oceanographic conditions: Upwelling and downwelling (Eastern Australia). <i>Continental Shelf Research</i> , 2014, 75, 54-67.	1.8	45
4	Environmental paleomicrobiology: using <sc>DNA</sc> preserved in aquatic sediments to its full potential. <i>Environmental Microbiology</i> , 2022, 24, 2201-2209.	3.8	27
5	Cell death and aggregate formation in the giant diatom <i>Coscinodiscus wailesii</i> (Gran & Angst., Tj ETQq1 1 0.784314 rgBT/Overload	1.5	25
6	A database of marine phytoplankton abundance, biomass and species composition in Australian waters. <i>Scientific Data</i> , 2016, 3, 160043.	5.3	22
7	Interactions between seasonality and oceanic forcing drive the phytoplankton variability in the tropical-temperate transition zone (~ 30°S) of Eastern Australia. <i>Journal of Marine Systems</i> , 2015, 144, 92-106.	2.1	21
8	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. <i>Earth and Planetary Science Letters</i> , 2021, 553, 116657.	4.4	21
9	The Potential of Sedimentary Ancient DNA to Reconstruct Past Ocean Ecosystems. <i>Oceanography</i> , 2020, 33, .	1.0	19
10	Paleo-diatom composition from Santa Barbara Basin deep-sea sediments: a comparison of <i>18S-V9</i> and <i>diat-rbcL</i> metabarcoding vs shotgun metagenomics. <i>ISME Communications</i> , 2021, 1, .	4.2	18
11	Diversity, temporal distribution and physiology of the centric diatom <i>Leptocylinndrus</i> Cleve (Bacillariophyta) from a southern hemisphere upwelling system. <i>Diatom Research</i> , 2016, 31, 351-365.	1.2	17
12	Comparison of the cross-shelf phytoplankton distribution of two oceanographically distinct regions off Australia. <i>Journal of Marine Systems</i> , 2015, 148, 26-38.	2.1	14
13	A database of chlorophyll a in Australian waters. <i>Scientific Data</i> , 2018, 5, 180018.	5.3	14
14	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Plio-Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003994.	2.9	12
15	A new approach to testing the agreement of two phytoplankton quantification techniques: Microscopy and CHEMTAX. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 425-437.	2.0	11
16	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years. <i>Nature Communications</i> , 2022, 13, 2044.	12.8	11
17	Abiotic degradation of highly branched isoprenoid alkenes and other lipids in the water column off East Antarctica. <i>Marine Chemistry</i> , 2019, 210, 34-47.	2.3	10
18	First observations of living sea-ice diatom agglomeration to tintinnid loricae in East Antarctica. <i>Journal of Plankton Research</i> , 2017, 39, 795-802.	1.8	9

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19	Variability in diatom and silicoflagellate assemblages during mid-Pliocene glacial-interglacial cycles determined in Hole U1361A of IODP Expedition 318, Antarctic Wilkes Land Margin. <i>Marine Micropaleontology</i> , 2018, 139, 28-41.	1.2	9
20	An Outlook for the Acquisition of Marine Sedimentary Ancient DNA (<i>sed</i>aDNA) From North Atlantic Ocean Archive Material. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	9
21	Episodes of Early Pleistocene West Antarctic Ice Sheet Retreat Recorded by Iceberg Alley Sediments. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	5
22	Water masses distribution offshore the Sabrina Coast (East Antarctica). <i>Earth System Science Data</i> , 2022, 14, 65-78.	9.9	3