

# Miriam Pfeiffer

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2956115/miriam-pfeiffer-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

41  
papers

1,467  
citations

22  
h-index

38  
g-index

45  
ext. papers

1,656  
ext. citations

3.9  
avg, IF

4.12  
L-index

#	Paper	IF	Citations
41	Corals Reveal an Unprecedented Decrease of Arabian Sea Upwelling During the Current Warming Era. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2021GL092432	4.9	1
40	Modern and sub-fossil corals suggest reduced temperature variability in the eastern pole of the Indian Ocean Dipole during the medieval climate anomaly. <i>Scientific Reports</i> , <b>2021</b> , 11, 14952	4.9	0
39	El Niño Southern Oscillation and internal sea surface temperature variability in the tropical Indian Ocean since 1675. <i>Climate of the Past</i> , <b>2021</b> , 17, 151-170	3.9	2
38	Oman corals suggest that a stronger winter shamal season caused the Akkadian Empire (Mesopotamia) collapse. <i>Geology</i> , <b>2019</b> , 47, 1141-1145	5	9
37	Oman coral δ seawater record suggests that Western Indian Ocean upwelling uncouples from the Indian Ocean Dipole during the global-warming hiatus. <i>Scientific Reports</i> , <b>2019</b> , 9, 1887	4.9	9
36	Reef-Scale-Dependent Response of Massive Porites Corals From the Central Indian Ocean to Prolonged Thermal Stress: Evidence From Coral Sr/Ca Measurements. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2019</b> , 20, 1468-1484	3.6	5
35	Orbital scale variation of primary productivity in the central equatorial Indian Ocean (Maldives) during the early Pliocene. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2017</b> , 480, 33-41	2.9	1
34	Past summer upwelling events in the Gulf of Oman derived from a coral geochemical record. <i>Scientific Reports</i> , <b>2017</b> , 7, 4568	4.9	13
33	Indian Ocean corals reveal crucial role of World War II bias for twentieth century warming estimates. <i>Scientific Reports</i> , <b>2017</b> , 7, 14434	4.9	14
32	High-resolution Sr/Ca ratios in a Porites lutea coral from Lakshadweep Archipelago, southeast Arabian Sea: An example from a region experiencing steady rise in the reef temperature. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 252-266	3.3	18
31	A sea surface temperature reconstruction for the southern Indian Ocean trade wind belt from corals in Rodrigues Island (19° S, 63° E). <i>Biogeosciences</i> , <b>2016</b> , 13, 5827-5847	4.6	12
30	A change in coral extension rates and stable isotopes after El Niño-induced coral bleaching and regional stress events. <i>Scientific Reports</i> , <b>2016</b> , 6, 32879	4.9	22
29	Two-dimensional X-ray diffraction as a tool for the rapid, nondestructive detection of low calcite quantities in aragonitic corals. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2015</b> , 16, 3778-3788	3.6	14
28	Seychelles coral record of changes in sea surface temperature bimodality in the western Indian Ocean from the Mid-Holocene to the present. <i>Climate Dynamics</i> , <b>2014</b> , 43, 689-708	4.2	13
27	Coral-based history of lead and lead isotopes of the surface Indian Ocean since the mid-20th century. <i>Earth and Planetary Science Letters</i> , <b>2014</b> , 398, 37-47	5.3	54
26	Twentieth century sea surface temperature and salinity variations at Timor inferred from paired coral δ <sup>18</sup> O and Sr/Ca measurements. <i>Journal of Geophysical Research: Oceans</i> , <b>2014</b> , 119, 4593-4604	3.3	20
25	Confounding effects of coral growth and high SST variability on skeletal Sr/Ca: Implications for coral paleothermometry. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2013</b> , 14, 1277-1293	3.6	27

24	British Indian Ocean Territory (the Chagos Archipelago): Setting, Connections and the Marine Protected Area. <i>Coral Reefs of the World</i> , <b>2013</b> , 223-240	2.1	7
23	Reefs and islands of the Chagos Archipelago, Indian Ocean: why it is the world's largest no-take marine protected area. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , <b>2012</b> , 22, 232-261	2.6	125
22	Pronounced interannual variability in tropical South Pacific temperatures during Heinrich Stadial 1. <i>Nature Communications</i> , <b>2012</b> , 3, 965	17.4	48
21	Comment on A snapshot of climate variability at Tahiti at 9.5 ka using a fossil coral from IODP Expedition 310 By Kristine L. DeLong, Terrence M. Quinn, Chuan-Chou Shen, and Ke Lin. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2011</b> , 12, n/a-n/a	3.6	3
20	BMPix and PEAK tools: New methods for automated laminae recognition and counting Application to glacial varves from Antarctic marine sediment. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2010</b> , 11, n/a-n/a	3.6	23
19	Rapid 20th century warming in the Caribbean and impact of remote forcing on climate in the northern tropical Atlantic as recorded in a Guadeloupe coral. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2010</b> , 296, 111-124	2.9	40
18	Improving SST reconstructions from coral Sr/Ca records: multiple corals from Tahiti (French Polynesia). <i>International Journal of Earth Sciences</i> , <b>2009</b> , 98, 31-40	2.2	27
17	Patterns of Pacific decadal variability recorded by Indian Ocean corals. <i>International Journal of Earth Sciences</i> , <b>2009</b> , 98, 41-52	2.2	22
16	Three monthly coral Sr/Ca records from the Chagos Archipelago covering the period of 1950-1995 A.D.: reproducibility and implications for quantitative reconstructions of sea surface temperature variations. <i>International Journal of Earth Sciences</i> , <b>2009</b> , 98, 53-66	2.2	52
15	Western Indian Ocean marine and terrestrial records of climate variability: a review and new concepts on land-ocean interactions since AD 1660. <i>International Journal of Earth Sciences</i> , <b>2009</b> , 98, 115-133	2.2	28
14	Reconstructing seawater $\delta^{18}O$ from paired coral $\delta^{18}O$ and Sr/Ca ratios: Methods, error analysis and problems, with examples from Tahiti (French Polynesia) and Timor (Indonesia). <i>Geochimica Et Cosmochimica Acta</i> , <b>2008</b> , 72, 2841-2853	5.5	65
13	Mayotte coral reveals hydrological changes in the western Indian Ocean between 1881 and 1994. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	25
12	Caribbean coral tracks Atlantic Multidecadal Oscillation and past hurricane activity. <i>Geology</i> , <b>2008</b> , 36, 11	5	55
11	Sr/Ca and $\delta^{18}O$ in a fast-growing <i>Diploria strigosa</i> coral: Evaluation of a new climate archive for the tropical Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2006</b> , 7, n/a-n/a	3.6	35
10	Monsoon-induced cooling of the western equatorial Indian Ocean as recorded in coral oxygen isotope records from the Seychelles covering the period of 1840-1994 AD. <i>Quaternary Science Reviews</i> , <b>2006</b> , 25, 993-1009	3.9	35
9	Paired coral Sr/Ca and $\delta^{18}O$ records from the Chagos Archipelago: Late twentieth century warming affects rainfall variability in the tropical Indian Ocean. <i>Geology</i> , <b>2006</b> , 34, 1069	5	23
8	Climate records from a bivalved <i>Methuselah</i> ( <i>Arctica islandica</i> , Mollusca; Iceland). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2005</b> , 228, 130-148	2.9	245
7	Mutvei's solution: An ideal agent for resolving microgrowth structures of biogenic carbonates. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2005</b> , 228, 149-166	2.9	171

6	Nonstationary ENSO-precipitation teleconnection over the equatorial Indian Ocean documented in a coral from the Chagos Archipelago. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	20
5	Atmosphere-ocean dynamics in the Western Indian Ocean recorded in corals. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2005</b> , 363, 121-42	3	24
4	A seasonally resolved bottom-water temperature record for the period AD 1866–2002 based on shells of <i>Arctica islandica</i> (Mollusca, North Sea). <i>International Journal of Climatology</i> , <b>2005</b> , 25, 947-962	3.5	60
3	Variability of the Intertropical Convergence Zone recorded in coral isotopic records from the central Indian Ocean (Chagos Archipelago). <i>Quaternary Research</i> , <b>2004</b> , 61, 245-255	1.9	34
2	Oceanic forcing of interannual and multidecadal climate variability in the southwestern Indian Ocean: Evidence from a 160 year coral isotopic record (La Réunion, 55°E, 21°S). <i>Paleoceanography</i> , <b>2004</b> , 19, n/a-n/a		37
1	Carbonate shedding and sedimentary cyclicities of a distally steepened carbonate ramp (Miocene, Great Bahama Bank). <i>International Journal of Earth Sciences</i> , <b>2000</b> , 89, 140-153	2.2	28