Gerald H Haug

List of Publications by Year
in descending order

37 papers	2,166 citations	361413 20 h-index	395702 33 g-index
38 all docs	38 docs citations	38 times ranked	2907 citing authors

#	Article	IF	Citations
1	The polar ocean and glacial cycles in atmospheric CO2 concentration. Nature, 2010, 466, 47-55.	27.8	625
2	Iron Fertilization of the Subantarctic Ocean During the Last Ice Age. Science, 2014, 343, 1347-1350.	12.6	350
3	Model Calculations of Aerosol Transmission and Infection Risk of COVID-19 in Indoor Environments. International Journal of Environmental Research and Public Health, 2020, 17, 8114.	2.6	158
4	Carbon dioxide effects of Antarctic stratification, North Atlantic Intermediate Water formation, and subantarctic nutrient drawdown during the last ice age: Diagnosis and synthesis in a geochemical box model. Global Biogeochemical Cycles, 2010, 24, .	4.9	120
5	Antarctic Zone nutrient conditions during the last two glacial cycles. Paleoceanography, 2015, 30, 845-862.	3.0	88
6	A stagnation event in the deep South Atlantic during the last interglacial period. Science, 2014, 346, 1514-1517.	12.6	62
7	Deep-sea coral evidence for lower Southern Ocean surface nitrate concentrations during the last ice age. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3352-3357.	7.1	57
8	Southern Ocean upwelling, Earthâ€™s obliquity, and glacial-interglacial atmospheric CO ₂ change. Science, 2020, 370, 1348-1352.	12.6	57
9	Impact of glacial/interglacial sea level change on the ocean nitrogen cycle. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6759-E6766.	7.1	55
10	Glacial Indonesian Throughflow weakening across the Mid-Pleistocene Climatic Transition. Scientific Reports, 2019, 9, 16995.	3.3	44
11	Nitrogen isotope evidence for expanded ocean suboxia in the early Cenozoic. Science, 2019, 364, 386-389.	12.6	43
12	Modern planktic foraminifers in the high-latitude ocean. Marine Micropaleontology, 2017, 136, 1-13.	1.2	41
13	Nanoâ€Powdered Calcium Carbonate Reference Materials: Significant Progress for Microanalysis?. Geostandards and Geoanalytical Research, 2019, 43, 595-609.	3.1	41
14	Increased nutrient supply to the Southern Ocean during the Holocene and its implications for the pre-industrial atmospheric CO2 rise. Nature Geoscience, 2018, 11, 756-760.	12.9	40
15	Tropical Dominance of N₂ Fixation in the North Atlantic Ocean. Global Biogeochemical Cycles, 2017, 31, 1608-1623.	4.9	38
16	Multiâ€basin depositional framework for moistureâ€balance reconstruction during the last 1300Âyears at Lake Bogoria, central Kenya Rift Valley. Sedimentology, 2018, 65, 1667-1696.	3.1	34
17	Climatic and in-cave influences on Î´¹⁸O and Î´¹³C in a stalagmite from northeastern India through the last deglaciation. Quaternary Research, 2017, 88, 458-471.	1.7	32
18	Megacity development and the demise of coastal coral communities: Evidence from coral skeleton Î´¹⁵N records in the Pearl River estuary. Global Change Biology, 2020, 26, 1338-1353.	9.5	30

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19	Natural forcing of the North Atlantic nitrogen cycle in the Anthropocene. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10606-10611.	7.1	29
20	Arctic Ocean stratification set by sea level and freshwater inputs since the last ice age. Nature Geoscience, 2021, 14, 684-689.	12.9	27
21	A comparison of isotope ratio mass spectrometry and cavity ringâ€down spectroscopy techniques for isotope analysis of fluid inclusion water. Rapid Communications in Mass Spectrometry, 2020, 34, e8837.	1.5	22
22	Penultimate deglaciation Asian monsoon response to North Atlantic circulation collapse. Nature Geoscience, 2021, 14, 937-941.	12.9	21
23	The Nitrogen Isotopic Composition of Tissue and Shellâ€Bound Organic Matter of Planktic Foraminifera in Southern Ocean Surface Waters. Geochemistry, Geophysics, Geosystems, 2020, 21, e2019GC008440.	2.5	20
24	Muted multidecadal climate variability in central Europe during cold stadial periods. Nature Geoscience, 2021, 14, 651-658.	12.9	18
25	Change in dust seasonality as the primary driver for orbitalâ€scale dust storm variability in East Asia. Geophysical Research Letters, 2017, 44, 3796-3805.	4.0	17
26	Nitrogen isotopic constraints on nutrient transport to the upper ocean. Nature Geoscience, 2021, 14, 855-861.	12.9	17
27	Cenozoic megatooth sharks occupied extremely high trophic positions. Science Advances, 2022, 8, .	10.3	15
28	Size-specific opal-bound nitrogen isotope measurements in North Pacific sediments. Geochimica Et Cosmochimica Acta, 2013, 120, 179-194.	3.9	14
29	Highâ€precision stable isotope analysis of <5 Î¼g CaCO 3 samples by continuousâ€flow mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8878.	1.5	14
30	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. PLoS ONE, 2020, 15, e0235421.	2.5	13
31	Ice Ageâ€Holocene Similarity of Foraminiferaâ€Bound Nitrogen Isotope Ratios in the Eastern Equatorial Pacific. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004063.	2.9	13
32	Isotope ratio infrared spectroscopy analysis of water samples without memory effects. Rapid Communications in Mass Spectrometry, 2021, 35, e9055.	1.5	7
33	Intratest Variations in Trace Element Composition of Amphistegina lessonii Using Femtosecondâ€Laser Ablationâ€ICPâ€Mass Spectrometry: A Field Study From Akajima, Okinawa Prefecture, Japan. Geochemistry, Geophysics, Geosystems, 2021, 22, e2020GC009443.	2.5	4
34	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0
35	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0
36	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0

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37	Geochemical studies on rock varnish and petroglyphs in the Owens and Rose Valleys, California. , 2020, 15, e0235421.		0