Lennart Jan de Nooijer

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6678217/publications.pdf

Version: 2024-02-01

67	2,731	147726	189801
papers	citations	31 h-index	50 g-index

77	77	77	2083
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	High precipitation rates characterize biomineralization in the benthic foraminifer Ammonia beccarii. Geochimica Et Cosmochimica Acta, 2022, 318, 70-82.	1.6	13
2	New Calcium Carbonate Nanoâ€particulate Pressed Powder Pellet (NFHSâ€2â€NP) for LAâ€ICPâ€OES, LAâ€(MC)â€ICPâ€MS and ÂµXRF. Geostandards and Geoanalytical Research, 2022, 46, 411-432.	1.7	6
3	Temperature Impact on Magnesium Isotope Fractionation in Cultured Foraminifera. Frontiers in Earth Science, 2021, 9, .	0.8	5
4	Carbonic anhydrase is involved in calcification by the benthic foraminifer <i>Amphistegina lessonii</i>. Biogeosciences, 2021, 18, 393-401.	1.3	11
5	Mn Incorporation in Large Benthic Foraminifera: Differences Between Species and the Impact of pCO2. Frontiers in Earth Science, 2020, 8, .	0.8	5
6	Evaluation of oxygen isotopes and trace elements in planktonic foraminifera from the Mediterranean Sea as recorders of seawater oxygen isotopes and salinity. Climate of the Past, 2020, 16, 2401-2414.	1.3	12
7	Foraminiferal Ultrastructure: A perspective From Fluorescent and Fluorogenic Probes. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2823-2850.	1.3	10
8	Evaluation and application of foraminiferal element/calcium ratios: Assessing riverine fluxes and environmental conditions during sapropel S1 in the Southeastern Mediterranean. Marine Micropaleontology, 2019, 153, 101783.	0.5	9
9	Planktonic foraminiferal spine versus shell carbonate Na incorporation in relation to salinity. Biogeosciences, 2019, 16, 1147-1165.	1.3	5
10	Coupled calcium and inorganic carbon uptake suggested by magnesium and sulfur incorporation in foraminiferal calcite. Biogeosciences, 2019, 16, 2115-2130.	1.3	18
11	Comparing Seawater Temperature Proxy Records for the Past 90 Myrs From the Shallow Shelf Record Bass River, New Jersey. Paleoceanography and Paleoclimatology, 2019, 34, 455-475.	1.3	7
12	Element banding and organic linings within chamber walls of two benthic foraminifera. Scientific Reports, 2019, 9, 3598.	1.6	42
13	Light Impacts Mg Incorporation in the Benthic Foraminifer Amphistegina lessonii. Frontiers in Marine Science, 2019, 6, .	1.2	2
14	Asian monsoons and aridification response to Paleogene sea retreat and Neogene westerly shielding indicated by seasonality in Paratethys oysters. Earth and Planetary Science Letters, 2018, 485, 99-110.	1.8	66
15	A Saltier Glacial Mediterranean Outflow. Paleoceanography and Paleoclimatology, 2018, 33, 179-197.	1.3	10
16	Impact of salinity on element incorporation in two benthic foraminiferal species with contrasting magnesium contents. Biogeosciences, 2018, 15, 2205-2218.	1.3	37
17	Salinity control on Na incorporation into calcite tests of the planktonic foraminifera <i>Trilobatus sacculifer</i> â€“ evidence from culture experiments and surface sediments. Biogeosciences, 2018, 15, 5991-6018.	1.3	26
18	Taphonomic and Ontogenetic Effects on Na/Ca and Mg/Ca in Spinose Planktonic Foraminifera From the Red Sea. Geochemistry, Geophysics, Geosystems, 2018, 19, 4174-4194.	1.0	13

#	Article	IF	Citations
19	Mnâˆ•Ca intra- and inter-test variability in the benthic foraminifer <i>Ammonia tepida</i>. Biogeosciences, 2018, 15, 331-348.	1.3	33
20	Robust multi-proxy data integration, using late Cretaceous paleotemperature records as a case study. Earth and Planetary Science Letters, 2018, 500, 215-224.	1.8	24
21	In-situ incubation of a coral patch for community-scale assessment of metabolic and chemical processes on a reef slope. PeerJ, 2018, 6, e5966.	0.9	5
22	Proton pumping accompanies calcification in foraminifera. Nature Communications, 2017, 8, 14145.	5.8	111
23	The Impacts of Seawater Mg/Ca and Temperature on Element Incorporation in Benthic Foraminiferal Calcite. Geochemistry, Geophysics, Geosystems, 2017, 18, 3617-3630.	1.0	15
24	COMBINED IMPACTS OF OCEAN ACIDIFICATION AND DYSOXIA ON SURVIVAL AND GROWTH OF FOUR AGGLUTINATING FORAMINIFERA. Journal of Foraminiferal Research, 2017, 47, 294-303.	0.1	6
25	Impacts of pH and [CO32âˆ’] on the incorporation of Zn in foraminiferal calcite. Geochimica Et Cosmochimica Acta, 2017, 197, 263-277.	1.6	32
26	Exploring foraminiferal Sr/Ca as a new carbonate system proxy. Geochimica Et Cosmochimica Acta, 2017, 202, 374-386.	1.6	46
27	Trends in element incorporation in hyaline and porcelaneous foraminifera as a function of <i>p</i>CO₂. Biogeosciences, 2017, 14, 497-510.	1.3	67
28	Benthic foraminiferal Mnâ€¯/â€¯Ca ratios reflect microhabitat preferences. Biogeosciences, 2017, 14, 3067-3082.	1.3	20
29	Ba incorporation in benthic foraminifera. Biogeosciences, 2017, 14, 3387-3400.	1.3	18
30	Sr partitioning in the benthic foraminifera Ammonia aomoriensis and Amphistegina lessonii. Chemical Geology, 2016, 440, 306-312.	1.4	12
31	Salinity controls on Na incorporation in Red Sea planktonic foraminifera. Paleoceanography, 2016, 31, 1562-1582.	3.0	56
32	The longâ€term impact of magnesium in seawater on foraminiferal mineralogy: Mechanism and consequences. Global Biogeochemical Cycles, 2016, 30, 438-446.	1.9	9
33	Mg/Ca in fossil oyster shells as palaeotemperature proxy, an example from the Palaeogene of Central Asia. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 611-626.	1.0	27
34	The impact of Mg contents on Sr partitioning in benthic foraminifers. Chemical Geology, 2015, 412, 92-98.	1.4	23
35	Impact of seawater [Ca²⁺] on the calcification and calciteMg / Ca of <i>Amphistegina lessonii</i>. Biogeosciences, 2015, 12, 2153-2162.	1.3	20
36	Reconciling single-chamber Mg / Ca with whole-shell Î´¹⁸O in surface to deep-dwelling planktonic foraminifera from the Mozambique Channel. Biogeosciences, 2015, 12, 2411-2429.	1.3	11

#	Article	IF	Citations
37	Combining benthic foraminiferal ecology and shell Mn/Ca to deconvolve past bottom water oxygenation and paleoproductivity. Geochimica Et Cosmochimica Acta, 2015, 165, 294-306.	1.6	44
38	Profiling planktonic foraminiferal crust formation. Geochemistry, Geophysics, Geosystems, 2015, 16, 2409-2430.	1.0	48
39	Seasonality variations in the Central Mediterranean during climate change events in the Late Holocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2015, 418, 304-318.	1.0	31
40	Effect of different seawater Mg2+ concentrations on calcification in two benthic foraminifers. Marine Micropaleontology, 2014, 113, 56-64.	0.5	48
41	LIVING (STAINED) DEEP-SEA FORAMINIFERA OFF HACHINOHE (NE JAPAN, WESTERN PACIFIC): ENVIRONMENTAL INTERPLAY IN OXYGEN-DEPLETED ECOSYSTEMS. Journal of Foraminiferal Research, 2014, 44, 281-299.	0.1	38
42	Anti-cyclonic eddy imprint on calcite geochemistry of several planktonic foraminiferal species in the Mozambique Channel. Marine Micropaleontology, 2014, 113, 20-33.	0.5	20
43	Biomineralization in perforate foraminifera. Earth-Science Reviews, 2014, 135, 48-58.	4.0	193
44	Variability in calcitic Mg/Ca and Sr/Ca ratios in clones of the benthic foraminifer Ammonia tepida. Marine Micropaleontology, 2014, 107, 32-43.	0.5	50
45	A high resolution study of trace elements and stable isotopes in oyster shells to estimate Central Asian Middle Eocene seasonality. Chemical Geology, 2014, 363, 200-212.	1.4	62
46	Unexpected biotic resilience on the Japanese seafloor caused by the 2011 TÅhoku-Oki tsunami. Scientific Reports, 2014, 4, 7517.	1.6	33
47	Incorporation of uranium in benthic foraminiferal calcite reflects seawater carbonate ion concentration. Geochemistry, Geophysics, Geosystems, 2013, 14, 102-111.	1.0	60
48	Effect of ocean acidification on the benthic foraminifera <i>Ammonia</i> sp. is caused by a decrease in carbonate ion concentration. Biogeosciences, 2013, 10, 6185-6198.	1.3	65
49	A new model for biomineralization and trace-element signatures of Foraminifera tests. Biogeosciences, 2013, 10, 6759-6767.	1.3	118
50	A novel salinity proxy based on Na incorporation into foraminiferal calcite. Biogeosciences, 2013, 10, 6375-6387.	1.3	90
51	A reappraisal of the vital effect in cultured benthic foraminifer <I>Bulimina marginata</I> on Mg/Ca values: assessing temperature uncertainty relationships. Biogeosciences, 2012, 9, 3693-3704.	1.3	34
52	Encrustation and trace element composition of <i>Neogloboquadrina dutertrei</i> assessed from single chamber analyses â€“ implications for paleotemperature estimates. Biogeosciences, 2012, 9, 4851-4860.	1.3	35
53	Interindividual variability and ontogenetic effects on Mg and Sr incorporation in the planktonic foraminifer Globigerinoides sacculifer. Geochimica Et Cosmochimica Acta, 2011, 75, 520-532.	1.6	50
54	TRANSCRIPTOME ANALYSES REVEAL DIFFERENTIAL GENE EXPRESSION PATTERNS BETWEEN THE LIFE-CYCLE STAGES OF EMILIANIA HUXLEYI (HAPTOPHYTA) AND REFLECT SPECIALIZATION TO DIFFERENT ECOLOGICAL NICHES1. Journal of Phycology, 2011, 47, 829-838.	1.0	69

#	Article	IF	Citations
55	Mg/Ca and Î´18O in the brackish shallow-water benthic foraminifer Ammonia â€˜beccariiâ€™. Marine Micropaleontology, 2011, 78, 113-120.	0.5	50
56	Independent impacts of calcium and carbonate ion concentration on Mg and Sr incorporation in cultured benthic foraminifera. Marine Micropaleontology, 2011, 81, 122-130.	0.5	48
57	ON THE ROLE OF THE CYTOSKELETON IN COCCOLITH MORPHOGENESIS: THE EFFECT OF CYTOSKELETON INHIBITORS¹. Journal of Phycology, 2010, 46, 1252-1256.	1.0	44
58	Incorporation of Mg and Sr in calcite of cultured benthic foraminifera: impact of calcium concentration and associated calcite saturation state. Biogeosciences, 2010, 7, 869-881.	1.3	86
59	Physiological controls on seawater uptake and calcification in the benthic foraminifer <i>Ammonia tepida</i>. Biogeosciences, 2009, 6, 2669-2675.	1.3	61
60	BENTHIC FORAMINIFERAL EFFECT ON NITROGEN AND CARBON CYCLING. Journal of Foraminiferal Research, 2009, 39, 97-111.	0.1	2
61	Foraminifera promote calcification by elevating their intracellular pH. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15374-15378.	3.3	301
62	The ecology of benthic foraminifera across the Frisian Front, southern North Sea. Estuarine, Coastal and Shelf Science, 2008, 78, 715-726.	0.9	24
63	Realâ€time visualization of calcium ion activity in shallow benthic foraminiferal cells using the fluorescent indicator Fluoâ€3 AM. Geochemistry, Geophysics, Geosystems, 2008, 9, .	1.0	39
64	Intracellular pH distribution in foraminifera determined by the fluorescent probe HPTS. Limnology and Oceanography: Methods, 2008, 6, 610-618.	1.0	56
65	Copper incorporation in foraminiferal calcite: results from culturing experiments. Biogeosciences, 2007, 4, 493-504.	1.3	54
66	NOVEL APPLICATION OF MTT REDUCTION: A VIABILITY ASSAY FOR TEMPERATE SHALLOW-WATER BENTHIC FORAMINIFERA. Journal of Foraminiferal Research, 2006, 36, 195-200.	0.1	15
67	Population dynamics of benthic shallow-water foraminifera: effects of a simulated marine snow event. Marine Ecology - Progress Series, 2005, 285, 29-42.	0.9	18