Nicolaas Glock

List of Publications by Year
in descending order

19 papers	505 citations	759233 12 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	636 citing authors

#	Article	IF	Citations
1	A Novel Eukaryotic Denitrification Pathway in Foraminifera. Current Biology, 2018, 28, 2536-2543.e5.	3.9	75
2	Metabolic preference of nitrate over oxygen as an electron acceptor in foraminifera from the Peruvian oxygen minimum zone. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2860-2865.	7.1	73
3	The role of benthic foraminifera in the benthic nitrogen cycle of the Peruvian oxygen minimum zone. Biogeosciences, 2013, 10, 4767-4783.	3.3	59
4	ENVIRONMENTAL INFLUENCES ON THE PORE DENSITY OF BOLIVINA SPISSA (CUSHMAN). Journal of Foraminiferal Research, 2011, 41, 22-32.	0.5	47
5	EMP and SIMS studies on Mn/Ca and Fe/Ca systematics in benthic foraminifera from the Peruvian OMZ: a contribution to the identification of potential redox proxies and the impact of cleaning protocols. Biogeosciences, 2012, 9, 341-359.	3.3	45
6	I/Ca ratios in benthic foraminifera from the Peruvian oxygen minimum zone: analytical methodology and evaluation as a proxy for redox conditions. Biogeosciences, 2014, 11, 7077-7095.	3.3	39
7	The Response of Benthic Foraminifera to Low-Oxygen Conditions of the Peruvian Oxygen Minimum Zone. Cellular Origin and Life in Extreme Habitats, 2012, , 305-321.	0.3	23
8	Organic Heterogeneities in Foraminiferal Calcite Traced Through the Distribution of N, S, and I Measured With NanoSIMS: A New Challenge for Element-Ratio-Based Paleoproxies?. Frontiers in Earth Science, 2019, 7, .	1.8	20
9	High resolution I/Ca ratios of benthic foraminifera from the Peruvian oxygen-minimum-zone: A SIMS derived assessment of a potential redox proxy. Chemical Geology, 2016, 447, 40-53.	3.3	18
10	Peruvian sediments as recorders of an evolving hiatus for the last 22 thousand years. Quaternary Science Reviews, 2016, 137, 1-14.	3.0	18
11	Coupling of oceanic carbon and nitrogen facilitates spatially resolved quantitative reconstruction of nitrate inventories. Nature Communications, 2018, 9, 1217.	12.8	18
12	Bottom-water deoxygenation at the Peruvian margin during the last deglaciation recorded by benthic foraminifera. Biogeosciences, 2020, 17, 3165-3182.	3.3	16
13	The Functionality of Pores in Benthic Foraminifera in View of Bottom Water Oxygenation: A Review. Cellular Origin and Life in Extreme Habitats, 2012, , 537-552.	0.3	11
14	Records of past mid-depth ventilation: Cretaceous ocean anoxic event 2 vs. Recent oxygen minimum zones. Biogeosciences, 2015, 12, 1169-1189.	3.3	10
15	Denitrification in foraminifera has an ancient origin and is complemented by associated bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	9
16	Climate-Biogeochemistry Interactions in the Tropical Ocean: Data Collection and Legacy. Frontiers in Marine Science, 2021, 8, .	2.5	8
17	Foraminifera Iodine to Calcium Ratios: Approach and Cleaning. Geochemistry, Geophysics, Geosystems, 2021, 22, e2021GC009811.	2.5	8
18	Interactions of Globobulimina Auriculata with Nematodes: Predator Or Prey?. Journal of Foraminiferal Research, 2019, 49, 66-75.	0.5	4

#	Article	IF	Citations
19	A hidden sedimentary phosphate pool inside benthic foraminifera from the Peruvian upwelling region might nucleate phosphogenesis. Geochimica Et Cosmochimica Acta, 2020, 289, 14-32.	3.9	4