Thibault de Garidel-Thoron

List of Publications by Year
in descending order

42	2,102	279798 23	395702 33
papers	citations	h-index	g-index

51	51	51	2492
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sensitivity of coccolithophores to carbonate chemistry and ocean acidification. Nature, 2011, 476, 80-83.	27.8	389
2	ENSO-like Forcing on Oceanic Primary Production During the Late Pleistocene. Science, 2001, 293, 2440-2444.	12.6	261
3	Stable sea surface temperatures in the western Pacific warm pool over the past 1.75â€‰million years. Nature, 2005, 433, 294-298.	27.8	255
4	Morphological recognition of cryptic species in the planktonic foraminifer Orbulina universa. Marine Micropaleontology, 2009, 71, 148-165.	1.2	108
5	The cryptic and the apparent reversed: lack of genetic differentiation within the morphologically diverse plexus of the planktonic foraminifer Globigerinoides sacculifer. Paleobiology, 2013, 39, 21-39.	2.0	85
6	Biomass burning and oceanic primary production estimates in the Sulu Sea area over the last 380 kyr and the East Asian monsoon dynamics. Marine Geology, 2003, 201, 53-65.	2.1	83
7	Millennial-scale dynamics of the east Asian winter monsoon during the last 200,000 years. Paleoceanography, 2001, 16, 491-502.	3.0	80
8	Low-latitude hydrological cycle and rapid climate changes during the last deglaciation. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	79
9	Ecological modeling of the temperature dependence of cryptic species of planktonic Foraminifera in the Southern Hemisphere. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 391, 13-33.	2.3	63
10	A multiproxy assessment of the western equatorial Pacific hydrography during the last 30 kyr. Paleoceanography, 2007, 22, .	3.0	62
11	SSU rDNA Divergence in Planktonic Foraminifera: Molecular Taxonomy and Biogeographic Implications. PLoS ONE, 2014, 9, e104641.	2.5	60
12	Nomenclature for the Nameless: A Proposal for an Integrative Molecular Taxonomy of Cryptic Diversity Exemplified by Planktonic Foraminifera. Systematic Biology, 2016, 65, 925-940.	5.6	60
13	PFR²: a curated database of planktonic foraminifera 18S ribosomal <scp>DNA</scp> as a resource for studies of plankton ecology, biogeography and evolution. Molecular Ecology Resources, 2015, 15, 1472-1485.	4.8	55
14	Evidence for large methane releases to the atmosphere from deep-sea gas-hydrate dissociation during the last glacial episode. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 9187-9192.	7.1	50
15	Worldwide Genotyping in the Planktonic Foraminifer Globoconella inflata: Implications for Life History and Paleoceanography. PLoS ONE, 2011, 6, e26665.	2.5	46
16	Global scale same-specimen morpho-genetic analysis of Truncorotalia truncatulinoides: A perspective on the morphological species concept in planktonic foraminifera. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 391, 2-12.	2.3	43
17	Genetic and morphological divergence in the warm-water planktonic foraminifera genus Globigerinoides. PLoS ONE, 2019, 14, e0225246.	2.5	42
18	Coiling dimorphism within a genetic type of the planktonic foraminifer Globorotalia truncatulinoides. Marine Micropaleontology, 2010, 77, 145-153.	1.2	36

#	Article	IF	Citations
19	Advances in planktonic foraminifer research: New perspectives for paleoceanography. Revue De Micropaleontologie, 2018, 61, 113-138.	0.4	32
20	Automated analysis of foraminifera fossil records by image classification using a convolutional neural network. Journal of Micropalaeontology, 2020, 39, 183-202.	3.6	31
21	Evidence for multiple paleomagnetic intensity lows between 30 and 50ka BP from a western Equatorial Pacific sedimentary sequence. Quaternary Science Reviews, 2006, 25, 1039-1052.	3.0	27
22	Longitudinal differentiation among pelagic populations in a planktic foraminifer. Ecology and Evolution, 2012, 2, 1725-1737.	1.9	27
23	Automated recognition by multiple convolutional neural networks of modern, fossil, intact and damaged pollen grains. Computers and Geosciences, 2020, 140, 104498.	4.2	25
24	Progressive shoaling of the equatorial Pacific thermocline over the last eight glacial periods. Paleoceanography, 2015, 30, 439-455.	3.0	24
25	Fidelity of radially viewed ICP-OES and magnetic-sector ICP-MS measurement of Mg/Ca and Sr/Ca ratios in marine biogenic carbonates: Are they trustworthy together?. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	15
26	North Atlantic Midlatitude Surfaceâ€Circulation Changes Through the Plioâ€Pleistocene Intensification of Northern Hemisphere Glaciation. Paleoceanography and Paleoclimatology, 2018, 33, 1186-1205.	2.9	14
27	Technical note: A new automated radiolarian image acquisition, stacking, processing, segmentation and identification workflow. Climate of the Past, 2020, 16, 2415-2429.	3.4	12
28	Linking zooplankton time series to the fossil record. ICES Journal of Marine Science, 0, , .	2.5	7
29	Magnetic fabric of Bengal fan sediments: Holocene record of sedimentary processes and turbidite activity from the Ganges-Brahmaputra river system. Marine Geology, 2020, 430, 106347.	2.1	7
30	Bases de donnÃ©es des palÃ©otempÃ©ratures de lâ€™ocÃ©an de surface issues des proxies gÃ©ochimiques analysÃ©s sur les sÃ©diments marins : implications pour les comparaisons modÃ¨les-donnÃ©es. Quaternaire, 2017, , 201-216.	0.2	6
31	Nanoscale trace metal imprinting of biocalcification of planktic foraminifers by Tobaâ€™s super-eruption. Scientific Reports, 2020, 10, 10974.	3.3	3
32	PALEOCEANOGRAPHY, RECORDS | Early Pleistocene. , 2007, , 1785-1793.		3
33	COMPARE 2013: Constraining tropical ocean cooling during the Last Glacial Maximum. Past Global Change Magazine, 2014, 22, 43-43.	0.1	2
34	The Foraminiferal Response to Climate Stressors Project: Tracking the Community Response of Planktonic Foraminifera to Historical Climate Change. Frontiers in Marine Science, 2022, 9, .	2.5	2
35	PALEOCEANOGRAPHY, RECORDS | Early Pleistocene. , 2013, , 1-8.		0
36	Indian-Atlantic subsurface- and deep-water mass exchange over the past 600 kyrs. , 2021, , .		0

#	Article	IF	Citations
37	Title is missing!. , 2019, 14, e0225246.		0
38	Title is missing!. , 2019, 14, e0225246.		0
39	Title is missing!. , 2019, 14, e0225246.		0
40	Title is missing!. , 2019, 14, e0225246.		0
41	Title is missing!. , 2019, 14, e0225246.		0
42	Title is missing!. , 2019, 14, e0225246.		0