

Jelle Bijma

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,224
citations

535685

17
h-index

511568

30
g-index

57
all docs

57
docs citations

57
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal stress reduces pocilloporid coral resilience to ocean acidification by impairing control over calcifying fluid chemistry. <i>Science Advances</i> , 2021, 7, .	4.7	40
2	Atmospheric carbon dioxide variations across the middle Miocene climate transition. <i>Climate of the Past</i> , 2021, 17, 703-719.	1.3	11
3	Permanent ectoplasmic structures in deep-sea <i>Cibicides</i> and <i>Cibicides</i> taxa – long-term observations at in situ pressure. <i>Biogeosciences</i> , 2021, 18, 3903-3915.	1.3	2
4	Mg ²⁺ -Ca, Sr ²⁺ -Ca and stable isotopes from the planktonic foraminifera <i>T. sacculifer</i> : testing a multi-proxy approach for inferring paleotemperature and paleosalinity. <i>Biogeosciences</i> , 2021, 18, 423-439.	1.3	5
5	Population dynamics and reproduction strategies of planktonic foraminifera in the open ocean. <i>Biogeosciences</i> , 2021, 18, 5789-5809.	1.3	7
6	SiR-actin-labelled granules in foraminifera: patterns, dynamics, and hypotheses. <i>Biogeosciences</i> , 2020, 17, 995-1011.	1.3	4
7	Technical note: Single-shell <i>Cibicides wuellerstorfi</i> analysis of <i>Cibicides wuellerstorfi</i> using femtosecond laser ablation MC-ICPMS and secondary ion mass spectrometry. <i>Biogeosciences</i> , 2020, 17, 5365-5375.	1.3	4
8	Foraminiferal Ultrastructure: A perspective From Fluorescent and Fluorogenic Probes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 2823-2850.	1.3	10
9	Varied contribution of the Southern Ocean to deglacial atmospheric CO ₂ rise. <i>Nature Geoscience</i> , 2019, 12, 1006-1011.	5.4	15
10	Depth habitat of the planktonic foraminifera <i>Neogloboquadrina pachyderma</i> in the northern high latitudes explained by sea-ice and chlorophyll concentrations. <i>Biogeosciences</i> , 2019, 16, 3425-3437.	1.3	42
11	Planktonic foraminiferal spine versus shell carbonate Na incorporation in relation to salinity. <i>Biogeosciences</i> , 2019, 16, 1147-1165.	1.3	5
12	Salinity control on Na incorporation into calcite tests of the planktonic foraminifera <i>Trilobatus sacculifer</i> : evidence from culture experiments and surface sediments. <i>Biogeosciences</i> , 2018, 15, 5991-6018.	1.3	26
13	Advances in planktonic foraminifer research: New perspectives for paleoceanography. <i>Revue De Micropaleontologie</i> , 2018, 61, 113-138.	0.8	32
14	Hierarchical textures on aragonitic shells of the hyaline radial foraminifer <i>Hoeglundina elegans</i> . <i>CrystEngComm</i> , 2017, 19, 7191-7196.	1.3	5
15	Decoupled carbonate chemistry controls on the incorporation of boron into <i>Orbulina universa</i> . <i>Biogeosciences</i> , 2017, 14, 415-430.	1.3	23
16	Ba incorporation in benthic foraminifera. <i>Biogeosciences</i> , 2017, 14, 3387-3400.	1.3	18
17	A novel paleo-bleaching proxy using boron isotopes and high-resolution laser ablation to reconstruct coral bleaching events. <i>Biogeosciences</i> , 2015, 12, 5677-5687.	1.3	17
18	Boron incorporation in the foraminifer <i>Amphistegina lessonii</i> under a decoupled carbonate chemistry. <i>Biogeosciences</i> , 2015, 12, 1753-1763.	1.3	23

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19	Impact of seawater [Ca ²⁺] on the calcification and calciteMg / Ca of <i>Amphistegina lessonii</i> . <i>Biogeosciences</i> , 2015, 12, 2153-2162.	1.3	20
20	Simultaneous determination of $\delta^{11}\text{B}$ and B/Ca ratio in marine biogenic carbonates at nanogram level. <i>Chemical Geology</i> , 2015, 392, 32-42.	1.4	18
21	Limpets counteract ocean acidification induced shell corrosion by thickening of aragonitic shell layers. <i>Biogeosciences</i> , 2014, 11, 7363-7368.	1.3	31
22	Effect of different seawater Mg ²⁺ concentrations on calcification in two benthic foraminifers. <i>Marine Micropaleontology</i> , 2014, 113, 56-64.	0.5	48
23	Biom mineralization in perforate foraminifera. <i>Earth-Science Reviews</i> , 2014, 135, 48-58.	4.0	193
24	Climate change and the oceans – What does the future hold?. <i>Marine Pollution Bulletin</i> , 2013, 74, 495-505.	2.3	191
25	Effect of ocean acidification on the benthic foraminifera <i>Ammonia</i> sp. is caused by a decrease in carbonate ion concentration. <i>Biogeosciences</i> , 2013, 10, 6185-6198.	1.3	65
26	A new model for biomineralization and trace-element signatures of Foraminifera tests. <i>Biogeosciences</i> , 2013, 10, 6759-6767.	1.3	118
27	Interindividual variability and ontogenetic effects on Mg and Sr incorporation in the planktonic foraminifer <i>Globigerinoides sacculifer</i> . <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 520-532.	1.6	50
28	Effect of salinity and seawater calcite saturation state on Mg and Sr incorporation in cultured planktonic foraminifera. <i>Marine Micropaleontology</i> , 2009, 73, 178-189.	0.5	97
29	In situ boron isotope analysis in marine carbonates and its application for foraminifera and palaeo-pH. <i>Chemical Geology</i> , 2009, 260, 138-147.	1.4	85