

AurÃ©lia Mouret

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

825
citations

471509

17
h-index

501196

28
g-index

31
all docs

31
docs citations

31
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	The 4GFOR model “ Coupling 4G early diagenesis and benthic foraminiferal ecology. <i>Marine Micropaleontology</i> , 2022, 170, 102078.	1.2	1
2	Foraminiferal Distribution in Two Estuarine Intertidal Mudflats of the French Atlantic Coast: Testing the Marine Influence Index. <i>Water (Switzerland)</i> , 2022, 14, 645.	2.7	7
3	A historical record of benthic foraminifera in seasonally anoxic Lake Grevelingen, the Netherlands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 599, 111057.	2.3	6
4	Denitrification by benthic foraminifera and their contribution to N-loss from a fjord environment. <i>Biogeosciences</i> , 2021, 18, 327-341.	3.3	20
5	Biogeographic distribution of three phylotypes (T1, T2 and T6) of <i>Ammonia</i> (foraminifera, Rhizaria) around Great Britain: new insights from combined molecular and morphological recognition. <i>Journal of Micropalaeontology</i> , 2021, 40, 61-74.	3.6	11
6	Biogeochemistry in an intertidal pocket beach. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106920.	2.1	7
7	Foraminiferal community response to seasonal anoxia in Lake Grevelingen (the Netherlands). <i>Biogeosciences</i> , 2020, 17, 1415-1435.	3.3	20
8	Scaling laws explain foraminiferal pore patterns. <i>Scientific Reports</i> , 2019, 9, 9149.	3.3	9
9	Coupled calcium and inorganic carbon uptake suggested by magnesium and sulfur incorporation in foraminiferal calcite. <i>Biogeosciences</i> , 2019, 16, 2115-2130.	3.3	18
10	Morphological Distinction of Three <i>Ammonia</i> Phylotypes Occurring Along European Coasts. <i>Journal of Foraminiferal Research</i> , 2019, 49, 76-93.	0.5	45
11	Quantification of diagenetic transformation of continental margin sediments at the Holocene time scale. <i>Continental Shelf Research</i> , 2019, 180, 63-74.	1.8	3
12	Two-dimensional ammonium distribution in sediment pore waters using a new colorimetric diffusive equilibration in thin-film technique. <i>Water Research X</i> , 2019, 2, 100023.	6.1	9
13	Mn/Ca ratios of <i>Ammonia tepida</i> as a proxy for seasonal coastal hypoxia. <i>Chemical Geology</i> , 2019, 518, 55-66.	3.3	7
14	Chemical Heterogeneity of Mg, Mn, Na, S, and Sr in Benthic Foraminiferal Calcite. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	28
15	2D Image Quantification of Microbial Iron Chelators (Siderophores) Using Diffusive Equilibrium in Thin Films Method. <i>Analytical Chemistry</i> , 2019, 91, 1399-1407.	6.5	5
16	Manganese incorporation in living (stained) benthic foraminiferal shells: a bathymetric and in-sediment study in the Gulf of Lions (NW Mediterranean). <i>Biogeosciences</i> , 2018, 15, 6315-6328.	3.3	18
17	Mn-Ca intra- and inter-test variability in the benthic foraminifer <i>Ammonia tepida</i> . <i>Biogeosciences</i> , 2018, 15, 331-348.	3.3	33
18	Experimental calibration of manganese incorporation in foraminiferal calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 49-64.	3.9	31

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19	Two dimensional mapping of iron release in marine sediments at submillimetre scale. Marine Chemistry, 2017, 191, 34-49.	2.3	30
20	Simultaneous Nitrite/Nitrate Imagery at Millimeter Scale through the Water-Sediment Interface. Environmental Science & Technology, 2016, 50, 8188-8195.	10.0	17
21	Terrestrial groundwater and nutrient discharge along the 240-km-long Aquitanian coast. Marine Chemistry, 2016, 185, 38-47.	2.3	26
22	Spatial heterogeneity of benthic biogeochemistry in two contrasted marine environments (Arcachon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	11
23	Two-dimensional distribution of living benthic foraminifera in anoxic sediment layers of an estuarine mudflat (Loire estuary, France). Biogeosciences, 2015, 12, 6219-6234.	3.3	38
24	Experimental evidence for foraminiferal calcification under anoxia. Biogeosciences, 2014, 11, 4029-4038.	3.3	50
25	Impact of solid waste disposal on nutrient dynamics in a sandy catchment. Journal of Contaminant Hydrology, 2010, 116, 1-15.	3.3	18
26	Oxygen and organic carbon fluxes in sediments of the Bay of Biscay. Deep-Sea Research Part I: Oceanographic Research Papers, 2010, 57, 528-540.	1.4	16
27	Tidal sands as biogeochemical reactors. Estuarine, Coastal and Shelf Science, 2009, 84, 84-90.	2.1	145
28	Benthic geochemistry of manganese in the Bay of Biscay, and sediment mass accumulation rate. Geo-Marine Letters, 2009, 29, 133-149.	1.1	29
29	Particle fluxes and recent sediment accumulation on the Aquitanian margin of Bay of Biscay. Continental Shelf Research, 2009, 29, 1044-1052.	1.8	42
30	Live foraminifera from the open slope between Grand Rh�ne and Petit Rh�ne Canyons (Gulf of Lions,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	82
31	Effects of seasonal dynamics in a Zostera noltii meadow on phosphorus and iron cycles in a tidal mudflat (Arcachon Bay, France). Marine Ecology - Progress Series, 2008, 355, 59-71.	1.9	43