

AurÃ©lia Mouret

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

825
citations

471371

17
h-index

501076

28
g-index

31
all docs

31
docs citations

31
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Tidal sands as biogeochemical reactors. <i>Estuarine, Coastal and Shelf Science</i> , 2009, 84, 84-90.	0.9	145
2	Live foraminifera from the open slope between Grand Rhône and Petit Rhône Canyons (Gulf of Lions). <i>Journal of Foraminiferal Research</i> , 2010, 40, 107-116.	0.6	82
3	Experimental evidence for foraminiferal calcification under anoxia. <i>Biogeosciences</i> , 2014, 11, 4029-4038.	1.3	50
4	Morphological Distinction of Three Ammonia Phylotypes Occurring Along European Coasts. <i>Journal of Foraminiferal Research</i> , 2019, 49, 76-93.	0.1	45
5	Effects of seasonal dynamics in a <i>Zostera noltii</i> meadow on phosphorus and iron cycles in a tidal mudflat (Arcachon Bay, France). <i>Marine Ecology - Progress Series</i> , 2008, 355, 59-71.	0.9	43
6	Particle fluxes and recent sediment accumulation on the Aquitanian margin of Bay of Biscay. <i>Continental Shelf Research</i> , 2009, 29, 1044-1052.	0.9	42
7	Two-dimensional distribution of living benthic foraminifera in anoxic sediment layers of an estuarine mudflat (Loire estuary, France). <i>Biogeosciences</i> , 2015, 12, 6219-6234.	1.3	38
8	Mn-Ca intra- and inter-test variability in the benthic foraminifer <i>Ammonia tepida</i> . <i>Biogeosciences</i> , 2018, 15, 331-348.	1.3	33
9	Experimental calibration of manganese incorporation in foraminiferal calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 237, 49-64.	1.6	31
10	Two dimensional mapping of iron release in marine sediments at submillimetre scale. <i>Marine Chemistry</i> , 2017, 191, 34-49.	0.9	30
11	Benthic geochemistry of manganese in the Bay of Biscay, and sediment mass accumulation rate. <i>Geo-Marine Letters</i> , 2009, 29, 133-149.	0.5	29
12	Chemical Heterogeneity of Mg, Mn, Na, S, and Sr in Benthic Foraminiferal Calcite. <i>Frontiers in Earth Science</i> , 2019, 7, .	0.8	28
13	Terrestrial groundwater and nutrient discharge along the 240-km-long Aquitanian coast. <i>Marine Chemistry</i> , 2016, 185, 38-47.	0.9	26
14	Foraminiferal community response to seasonal anoxia in Lake Grevelingen (the Netherlands). <i>Biogeosciences</i> , 2020, 17, 1415-1435.	1.3	20
15	Denitrification by benthic foraminifera and their contribution to N-loss from a fjord environment. <i>Biogeosciences</i> , 2021, 18, 327-341.	1.3	20
16	Impact of solid waste disposal on nutrient dynamics in a sandy catchment. <i>Journal of Contaminant Hydrology</i> , 2010, 116, 1-15.	1.6	18
17	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.	1.3	18
18	Coupled calcium and inorganic carbon uptake suggested by magnesium and sulfur incorporation in foraminiferal calcite. <i>Biogeosciences</i> , 2019, 16, 2115-2130.	1.3	18

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19	Simultaneous Nitrite/Nitrate Imagery at Millimeter Scale through the Water-Sediment Interface. <i>Environmental Science & Technology</i> , 2016, 50, 8188-8195.	4.6	17
20	Oxygen and organic carbon fluxes in sediments of the Bay of Biscay. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 528-540.	0.6	16
21	Spatial heterogeneity of benthic biogeochemistry in two contrasted marine environments (Arcachon) <i>Tj ETQq1 1 0.784314 rsgBT /Ove</i>	0.9	11
22	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.	1.3	11
23	Scaling laws explain foraminiferal pore patterns. <i>Scientific Reports</i> , 2019, 9, 9149.	1.6	9
24	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.	2.8	9
25	Mn/Ca ratios of <i>Ammonia tepida</i> as a proxy for seasonal coastal hypoxia. <i>Chemical Geology</i> , 2019, 518, 55-66.	1.4	7
26	Biogeochemistry in an intertidal pocket beach. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106920.	0.9	7
27	Foraminiferal Distribution in Two Estuarine Intertidal Mudflats of the French Atlantic Coast: Testing the Marine Influence Index. <i>Water (Switzerland)</i> , 2022, 14, 645.	1.2	7
28	A historical record of benthic foraminifera in seasonally anoxic Lake Grevelingen, the Netherlands. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 599, 111057.	1.0	6
29	2D Image Quantification of Microbial Iron Chelators (Siderophores) Using Diffusive Equilibrium in Thin Films Method. <i>Analytical Chemistry</i> , 2019, 91, 1399-1407.	3.2	5
30	Quantification of diagenetic transformation of continental margin sediments at the Holocene time scale. <i>Continental Shelf Research</i> , 2019, 180, 63-74.	0.9	3
31	The 4GFOR model - Coupling 4G early diagenesis and benthic foraminiferal ecology. <i>Marine Micropaleontology</i> , 2022, 170, 102078.	0.5	1