

Cecile Cathalot

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tracking the Lithium and Strontium Isotope Signature of Hydrothermal Plume in the Water Column: A Case Study at the EMSO-Azores Deep-Sea Observatory. <i>Frontiers in Environmental Chemistry</i> , 2022, 3, .	0.7	1
2	<i>Persephonella atlantica</i> sp. nov.: How to adapt to physico-chemical gradients in high temperature hydrothermal habitats. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126176.	1.2	7
3	Birth of a large volcanic edifice offshore Mayotte via lithosphere-scale dyke intrusion. <i>Nature Geoscience</i> , 2021, 14, 787-795.	5.4	59
4	A GC-SSIM-CRDS system: Coupling a gas chromatograph with a Cavity Ring-Down Spectrometer for onboard Twofold analysis of molecular and isotopic compositions of natural gases during ocean-going research expeditions. <i>Analytica Chimica Acta</i> , 2021, 1184, 339040.	2.6	1
5	Hydrothermal plumes as hotspots for deep-ocean heterotrophic microbial biomass production. <i>Nature Communications</i> , 2021, 12, 6861.	5.8	7
6	Processes Driving Iron and Manganese Dispersal From the TAG Hydrothermal Plume (Mid-Atlantic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.2	14
7	Benthic alkalinity and dissolved inorganic carbon fluxes in the Rhône River prodelta generated by decoupled aerobic and anaerobic processes. <i>Biogeosciences</i> , 2020, 17, 13-33.	1.3	25
8	Ecophysiological differences between vesicomid species and metabolic capabilities of their symbionts influence distribution patterns of the deep-sea clams. <i>Marine Ecology</i> , 2019, 40, e12541.	0.4	4
9	Food-web complexity across hydrothermal vents on the Azores triple junction. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 131, 101-120.	0.6	30
10	Sulfate minerals control dissolved rare earth element flux and Nd isotope signature of buoyant hydrothermal plume (EMSO-Azores, 37°N Mid-Atlantic Ridge). <i>Chemical Geology</i> , 2018, 499, 111-125.	1.4	20
11	On the nature of dissolved copper ligands in the early buoyant plume of hydrothermal vents. <i>Environmental Chemistry</i> , 2018, 15, 58.	0.7	7
12	Early diagenesis in the Congo deep-sea fan sediments dominated by massive terrigenous deposits: Part I "Oxygen consumption and organic carbon mineralization using a micro-electrode approach. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 125-138.	0.6	19
13	Early diagenesis in the sediments of the Congo deep-sea fan dominated by massive terrigenous deposits: Part II "Iron-sulfur coupling. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 151-166.	0.6	17
14	Long-Term In Situ Survey of Reactive Iron Concentrations at the EMSO-Azores Observatory. <i>IEEE Journal of Oceanic Engineering</i> , 2016, 41, 744-752.	2.1	7
15	Cold-water coral reefs and adjacent sponge grounds: hotspots of benthic respiration and organic carbon cycling in the deep sea. <i>Frontiers in Marine Science</i> , 2015, 2, .	1.2	142
16	An Assessment of the Precision and Confidence of Aquatic Eddy Correlation Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 642-655.	0.5	35
17	Particulate Matter in Mangrove Forests and Seagrass Beds as a Nitrogen Source in Tropical Coastal Ecosystems. <i>Biotropica</i> , 2015, 47, 286-291.	0.8	5
18	A comparison of in situ vs. ex situ filtration methods on the assessment of dissolved and particulate metals at hydrothermal vents. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 105, 186-194.	0.6	18

#	ARTICLE	IF	CITATIONS
19	Aquatic Eddy Correlation: Quantifying the Artificial Flux Caused by Stirring-Sensitive O2 Sensors. PLoS ONE, 2015, 10, e0116564.	1.1	36
20	Benthic Oxygen Uptake in the Arctic Ocean Margins - A Case Study at the Deep-Sea Observatory HAUSGARTEN (Fram Strait). PLoS ONE, 2015, 10, e0138339.	1.1	23
21	Tiny Is Mighty: Seagrass Beds Have a Large Role in the Export of Organic Material in the Tropical Coastal Zone. PLoS ONE, 2014, 9, e111847.	1.1	24