

Benedicte Ferre

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

542
citations

687220

13
h-index

752573

20
g-index

33
all docs

33
docs citations

33
times ranked

907
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas Hydrate Related Bottom-Simulating Reflections Along the West-Svalbard Margin, Fram Strait. , 2022, , 225-235.		1
2	Autonomous methane seep site monitoring offshore western Svalbard: hourly to seasonal variability and associated oceanographic parameters. Ocean Science, 2022, 18, 233-254.	1.3	3
3	Compositions of dissolved organic matter in the ice-covered waters above the Aurora hydrothermal vent system, Gakkel Ridge, Arctic Ocean. Biogeosciences, 2022, 19, 2101-2120.	1.3	3
4	Seasonal shifts of microbial methane oxidation in Arctic shelf waters above gas seeps. Limnology and Oceanography, 2021, 66, 1896-1914.	1.6	12
5	Physical controls of dynamics of methane venting from a shallow seep area west of Svalbard. Continental Shelf Research, 2020, 194, 104030.	0.9	19
6	Compositional Differences in Dissolved Organic Matter Between Arctic Cold Seeps Versus Non-Seep Sites at the Svalbard Continental Margin and the Barents Sea. Frontiers in Earth Science, 2020, 8, .	0.8	6
7	Reduced methane seepage from Arctic sediments during cold bottom-water conditions. Nature Geoscience, 2020, 13, 144-148.	5.4	53
8	High-resolution underwater laser spectrometer sensing provides new insights into methane distribution at an Arctic seepage site. Ocean Science, 2019, 15, 1055-1069.	1.3	13
9	A new numerical model for understanding free and dissolved gas progression toward the atmosphere in aquatic methane seepage systems. Limnology and Oceanography: Methods, 2019, 17, 223-239.	1.0	7
10	Atypical biological features of a new cold seep site on the Lofoten-Vesteralen continental margin (northern Norway). Scientific Reports, 2019, 9, 1762.	1.6	29
11	Evolution of contourite drifts in regions of slope failures at eastern Fram Strait. Arktos, 2019, 5, 105-120.	1.0	5
12	Methane at Svalbard and over the European Arctic Ocean. Atmospheric Chemistry and Physics, 2018, 18, 17207-17224.	1.9	19
13	Cohesive and mixed sediment in the Regional Ocean Modeling System (ROMS v3.6) implemented in the Coupled Ocean-Atmosphere-Wave-Sediment Transport Modeling System (COAWST r1234). Geoscientific Model Development, 2018, 11, 1849-1871.	1.3	44
14	Sub-Ocean: Subsea Dissolved Methane Measurements Using an Embedded Laser Spectrometer Technology. Environmental Science & Technology, 2018, 52, 10543-10551.	4.6	31
15	Microseismicity Linked to Gas Migration and Leakage on the Western Svalbard Shelf. Geochemistry, Geophysics, Geosystems, 2017, 18, 4623-4645.	1.0	16
16	EMSO European research infrastructure: Towards an integrated strategy for the observation of the seafloor and the water column. , 2015, , .		1
17	Abiotic methane from ultraslow-spreading ridges can charge Arctic gas hydrates. Geology, 2015, 43, 371-374.	2.0	52
18	Particle sources and downward fluxes in the eastern Fram strait under the influence of the west Spitsbergen current. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 103, 49-63.	0.6	17

#	ARTICLE	IF	CITATIONS
19	Water column methanotrophy controlled by a rapid oceanographic switch. <i>Nature Geoscience</i> , 2015, 8, 378-382.	5.4	89
20	European multidisciplinary seafloor and water-column observatory (EMSO): Power and Internet to European waters. , 2014, , .		0
21	Contour current driven continental slope-situated sandwaves with effects from secondary current processes on the Barents Sea margin offshore Norway. <i>Marine Geology</i> , 2014, 353, 108-127.	0.9	24
22	Ocean temperature variability for the past 60 years on the Norwegianâ€Svalbard margin influences gas hydrate stability on human time scales. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	50
23	Sediment transport on the Palos Verdes shelf, California. <i>Continental Shelf Research</i> , 2010, 30, 761-780.	0.9	42