Benedicte Ferre

List of Publications by Year
in descending order

23	542	687363 13	752698 20
papers	citations	h-index	g-index

33	33	33	907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Water column methanotrophy controlled by a rapid oceanographic switch. Nature Geoscience, 2015, 8, 378-382.	12.9	89
2	Reduced methane seepage from Arctic sediments during cold bottom-water conditions. Nature Geoscience, 2020, 13, 144-148.	12.9	53
3	Abiotic methane from ultraslow-spreading ridges can charge Arctic gas hydrates. Geology, 2015, 43, 371-374.	4.4	52
4	Ocean temperature variability for the past 60 years on the Norwegianâ€Svalbard margin influences gas hydrate stability on human time scales. Journal of Geophysical Research, 2012, 117, .	3.3	50
5	Cohesive and mixed sediment in the Regional Ocean Modeling System (ROMS v3.6) implemented in the Coupled Oceanâ€“Atmosphereâ€“Waveâ€“Sediment Transport Modeling System (COAWST r1234). Geoscientific Model Development, 2018, 11, 1849-1871.	3.6	44
6	Sediment transport on the Palos Verdes shelf, California. Continental Shelf Research, 2010, 30, 761-780.	1.8	42
7	Sub-Ocean: Subsea Dissolved Methane Measurements Using an Embedded Laser Spectrometer Technology. Environmental Science & Technology, 2018, 52, 10543-10551.	10.0	31
8	Atypical biological features of a new cold seep site on the Lofoten-VesterÃ¥len continental margin (northern Norway). Scientific Reports, 2019, 9, 1762.	3.3	29
9	Contour current driven continental slope-situated sandwaves with effects from secondary current processes on the Barents Sea margin offshore Norway. Marine Geology, 2014, 353, 108-127.	2.1	24
10	Methane at Svalbard and over the European Arctic Ocean. Atmospheric Chemistry and Physics, 2018, 18, 17207-17224.	4.9	19
11	Physical controls of dynamics of methane venting from a shallow seep area west of Svalbard. Continental Shelf Research, 2020, 194, 104030.	1.8	19
12	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.	1.4	17
13	Microseismicity Linked to Gas Migration and Leakage on the Western Svalbard Shelf. Geochemistry, Geophysics, Geosystems, 2017, 18, 4623-4645.	2.5	16
14	High-resolution underwater laser spectrometer sensing provides new insights into methane distribution at an Arctic seepage site. Ocean Science, 2019, 15, 1055-1069.	3.4	13
15	Seasonal shifts of microbial methane oxidation in Arctic shelf waters above gas seeps. Limnology and Oceanography, 2021, 66, 1896-1914.	3.1	12
16	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.	2.0	7
17	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, .	1.8	6
18	Evolution of contourite drifts in regions of slope failures at eastern Fram Strait. Arktos, 2019, 5, 105-120.	1.0	5

#	Article	IF	Citations
19	Autonomous methane seep site monitoring offshore western Svalbard: hourly to seasonal variability and associated oceanographic parameters. Ocean Science, 2022, 18, 233-254.	3.4	3
20	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.	3.3	3
21	EMSO European research infrastructure: Towards an integrated strategy for the observation of the seafloor and the water column. , 2015, , .		1
22	Gas Hydrate Related Bottom-Simulating Reflections Along the West-Svalbard Margin, Fram Strait. , 2022, , 225-235.		1
23	European multidisciplinary seafloor and water-column observatory (EMSO): Power and Internet to European waters. , 2014, , .		0