Friederike GrÃ¼ndger

List of Publications by Year
in descending order

17 papers	486 citations	1051969 10 h-index	993246 17 g-index
17 all docs	17 docs citations	17 times ranked	852 citing authors

#	Article	IF	Citations
1	Biodegradation of water-accommodated aromatic oil compounds in Arctic seawater at 0ÂÂ°C. Chemosphere, 2022, 286, 131751.	4.2	11
2	Seasonal shifts of microbial methane oxidation in Arctic shelf waters above gas seeps. Limnology and Oceanography, 2021, 66, 1896-1914.	1.6	12
3	Distinct methane-dependent biogeochemical states in Arctic seafloor gas hydrate mounds. Nature Communications, 2021, 12, 6296.	5.8	9
4	Physical controls of dynamics of methane venting from a shallow seep area west of Svalbard. Continental Shelf Research, 2020, 194, 104030.	0.9	19
5	The Impact of Methane on Microbial Communities at Marine Arctic Gas Hydrate Bearing Sediment. Frontiers in Microbiology, 2020, 11, 1932.	1.5	32
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	The VIMOA project and archaeological heritage in the Nuussuaq Peninsula of north-west Greenland. Antiquity, 2020, 94, .	0.5	4
8	Reduced methane seepage from Arctic sediments during cold bottom-water conditions. Nature Geoscience, 2020, 13, 144-148.	5.4	53
9	Development, Productivity, and Seasonality of Living Planktonic Foraminiferal Faunas and Limacina helicina in an Area of Intense Methane Seepage in the Barents Sea. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2019JG005387.	1.3	11
10	Methane-fuelled biofilms predominantly composed of methanotrophic ANME-1 in Arctic gas hydrate-related sediments. Scientific Reports, 2019, 9, 9725.	1.6	33
11	Fracture-controlled fluid transport supports microbial methane-oxidizing communities at Vestnesa Ridge. Biogeosciences, 2019, 16, 2221-2232.	1.3	21
12	Microbial methane formation in deep aquifers of a coal-bearing sedimentary basin, Germany. Frontiers in Microbiology, 2015, 6, 200.	1.5	39
13	Geochemistry and Microbial Populations in Sediments of the Northern Baffin Bay, Arctic. Geomicrobiology Journal, 2013, 30, 690-705.	1.0	10
14	Enhanced Gene Detection Assays for Fumarate-Adding Enzymes Allow Uncovering of Anaerobic Hydrocarbon Degraders in Terrestrial and Marine Systems. Applied and Environmental Microbiology, 2013, 79, 543-552.	1.4	94
15	Evidence for in situ methanogenic oil degradation in the Dagang oil field. Organic Geochemistry, 2012, 52, 44-54.	0.9	39
16	Accelerated methanogenesis from aliphatic and aromatic hydrocarbons under iron- and sulfate-reducing conditions. FEMS Microbiology Letters, 2011, 315, 6-16.	0.7	53
17	Isotopic fingerprinting of methane and CO2 formation from aliphatic and aromatic hydrocarbons. Organic Geochemistry, 2010, 41, 482-490.	0.9	40