

Ellen Damm

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

1,250
citations

16
h-index

35
g-index

39
ext. papers

1,572
ext. citations

4.4
avg, IF

3.95
L-index

#	Paper	IF	Citations
31	Overview of the MOSAiC expedition. <i>Atmosphere. Elementa</i> , 2022 , 10,	3.6	15
30	Overview of the MOSAiC expedition. <i>Elementa</i> , 2022 , 10,	3.6	13
29	Impacts of glacier and sea ice melt on methane pathways on the Northeast Greenland shelf. <i>Continental Shelf Research</i> , 2022 , 104752	2.4	0
28	Methane pathways in winter ice of a thermokarst lake lagoon coastal water transect in north Siberia. <i>Cryosphere</i> , 2021 , 15, 1607-1625	5.5	2
27	Dissolved methane in the water column of the Saguenay Fjord. <i>Marine Chemistry</i> , 2021 , 230, 103926	3.7	1
26	Methane cycling within sea ice: results from drifting ice during late spring, north of Svalbard. <i>Cryosphere</i> , 2021 , 15, 2701-2717	5.5	3
25	Waterside convection and stratification control methane spreading in supersaturated Arctic fjords (Spitsbergen). <i>Continental Shelf Research</i> , 2021 , 224, 104473	2.4	2
24	Studying boundary layer methane isotopy and vertical mixing processes at a rewetted peatland site using an unmanned aircraft system. <i>Atmospheric Measurement Techniques</i> , 2020 , 13, 1937-1952	4	8
23	Unmanned Aerial Systems for Investigating the Polar Atmospheric Boundary Layer Technical Challenges and Examples of Applications. <i>Atmosphere</i> , 2020 , 11, 416	2.7	17
22	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf. <i>Cryosphere</i> , 2020 , 14, 2173-2187	5.5	25
21	The future of Arctic sea-ice biogeochemistry and ice-associated ecosystems. <i>Nature Climate Change</i> , 2020 , 10, 983-992	21.4	32
20	Arctic warming interrupts the Transpolar Drift and affects long-range transport of sea ice and ice-rafted matter. <i>Scientific Reports</i> , 2019 , 9, 5459	4.9	56
19	Sea Ice and Water Mass Influence Dimethylsulfide Concentrations in the Central Arctic Ocean. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	4
18	The Transpolar Drift conveys methane from the Siberian Shelf to the central Arctic Ocean. <i>Scientific Reports</i> , 2018 , 8, 4515	4.9	16
17	Widespread methane seepage along the continental margin off Svalbard - from Bjørnøya to Kongsfjorden. <i>Scientific Reports</i> , 2017 , 7, 42997	4.9	71
16	Methane and nitrous oxide distributions across the North American Arctic Ocean during summer, 2015. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 390-412	3.3	24
15	Microhabitat preferences of live benthic foraminifera and stable carbon isotopes off SW Svalbard in the presence of widespread methane seepage. <i>Marine Micropaleontology</i> , 2017 , 132, 1-17	1.7	7

14	DMSP and DMS cycling within Antarctic sea ice during the winter-spring transition. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2016 , 131, 150-159	2.3	14
13	Methane excess in Arctic surface water-triggered by sea ice formation and melting. <i>Scientific Reports</i> , 2015 , 5, 16179	4.9	36
12	A water column study of methane around gas flares located at the West Spitsbergen continental margin. <i>Continental Shelf Research</i> , 2014 , 72, 107-118	2.4	77
11	Vertical distribution of methane oxidation and methanotrophic response to elevated methane concentrations in stratified waters of the Arctic fjord Storfjorden (Svalbard, Norway). <i>Biogeosciences</i> , 2013 , 10, 6267-6278	4.6	53
10	Methane production in aerobic oligotrophic surface water in the central Arctic Ocean. <i>Biogeosciences</i> , 2010 , 7, 1099-1108	4.6	153
9	Methane cycling in Arctic shelf water and its relationship with phytoplankton biomass and DMSP. <i>Marine Chemistry</i> , 2008 , 109, 45-59	3.7	88
8	Excess of bottom-released methane in an Arctic shelf sea polynya in winter. <i>Continental Shelf Research</i> , 2007 , 27, 1692-1701	2.4	42
7	Methane discharge from a deep-sea submarine mud volcano into the upper water column by gas hydrate-coated methane bubbles. <i>Earth and Planetary Science Letters</i> , 2006 , 243, 354-365	5.3	234
6	Pathways of methane in seawater: Plume spreading in an Arctic shelf environment (SW-Spitsbergen). <i>Continental Shelf Research</i> , 2005 , 25, 1453-1472	2.4	87
5	Methane emission and consumption at a North Sea gas seep (Tommeliten area). <i>Biogeosciences</i> , 2005 , 2, 335-351	4.6	104
4	Near-surface hydrocarbon anomalies in shelf sediments off Spitsbergen: Evidences for past seepages. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5,	3.6	45
3	Different methanotrophic potentials in stratified polar fjord waters (Storfjorden, Spitsbergen) identified by using a combination of methane oxidation techniques		3
2	Methane Pathways in Winter Ice of Thermokarst Lakes, Lagoons and Coastal Waters in North Siberia		2
1	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf		3