

Ellen Damm

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3107424/ellen-damm-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
30	Methane production in aerobic oligotrophic surface water in the central Arctic Ocean. <i>Biogeosciences</i> , 2010 , 7, 1099-1108	4.6	153
29	Methane emission and consumption at a North Sea gas seep (Tommeliten area). <i>Biogeosciences</i> , 2005 , 2, 335-351	4.6	104
28	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
27	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
26	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
25	Widespread methane seepage along the continental margin off Svalbard - from Bjørnøya to Kongsfjorden. <i>Scientific Reports</i> , 2017 , 7, 42997	4.9	71
24	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
23	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
22	Near-surface hydrocarbon anomalies in shelf sediments off Spitsbergen: Evidences for past seepages. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5,	3.6	45
21	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
20	Methane excess in Arctic surface water-triggered by sea ice formation and melting. <i>Scientific Reports</i> , 2015 , 5, 16179	4.9	36
19	The future of Arctic sea-ice biogeochemistry and ice-associated ecosystems. <i>Nature Climate Change</i> , 2020 , 10, 983-992	21.4	32
18	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf. <i>Cryosphere</i> , 2020 , 14, 2173-2187	5.5	25
17	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
16	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
15	The Transpolar Drift conveys methane from the Siberian Shelf to the central Arctic Ocean. <i>Scientific Reports</i> , 2018 , 8, 4515	4.9	16

14	Overview of the MOSAiC expedition. <i>Atmosphere. Elementa</i> , 2022 , 10,	3.6	15
13	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
12	Overview of the MOSAiC expedition. <i>Elementa</i> , 2022 , 10,	3.6	13
11	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
10	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
9	Sea Ice and Water Mass Influence Dimethylsulfide Concentrations in the Central Arctic Ocean. <i>Frontiers in Earth Science</i> , 2019 , 7,	3.5	4
8	Different methanotrophic potentials in stratified polar fjord waters (Storfjorden, Spitsbergen) identified by using a combination of methane oxidation techniques		3
7	The MOSAiC ice floe: sediment-laden survivor from the Siberian shelf		3
6	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
5	Methane Pathways in Winter Ice of Thermokarst Lakes, Lagoons and Coastal Waters in North Siberia		2
4	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
3	Waterside convection and stratification control methane spreading in supersaturated Arctic fjords (Spitsbergen). <i>Continental Shelf Research</i> , 2021 , 224, 104473	2.4	2
2	Dissolved methane in the water column of the Saguenay Fjord. <i>Marine Chemistry</i> , 2021 , 230, 103926	3.7	1
1	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