

# Christiane Uhlig

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1090590/publications.pdf>

Version: 2024-02-01

12  
papers

1,009  
citations

840776

11  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2163  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of temperature on marine phytoplankton resource allocation and metabolism. <i>Nature Climate Change</i> , 2013, 3, 979-984.	18.8	358
2	Evolutionary genomics of the cold-adapted diatom <i>Fragilariopsis cylindrus</i> . <i>Nature</i> , 2017, 541, 536-540.	27.8	332
3	Brief Communication: Ikaite (CaCO <sub>3</sub> ·6H <sub>2</sub> O) discovered in Arctic sea ice. <i>Cryosphere</i> , 2010, 4, 227-230.	3.9	99
4	Antifreeze proteins in polar sea ice diatoms: diversity and gene expression in the genus <i>Fragilariopsis</i> . <i>Environmental Microbiology</i> , 2010, 12, 1041-1052.	3.8	81
5	The Transpolar Drift conveys methane from the Siberian Shelf to the central Arctic Ocean. <i>Scientific Reports</i> , 2018, 8, 4515.	3.3	28
6	Heterologous expression, refolding and functional characterization of two antifreeze proteins from <i>Fragilariopsis cylindrus</i> (Bacillariophyceae). <i>Cryobiology</i> , 2011, 63, 220-228.	0.7	27
7	<i>In situ</i> expression of eukaryotic ice-binding proteins in microbial communities of Arctic and Antarctic sea ice. <i>ISME Journal</i> , 2015, 9, 2537-2540.	9.8	18
8	Biogeochemical Impact of Snow Cover and Cyclonic Intrusions on the Winter Weddell Sea Ice Pack. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 9548-9571.	2.6	17
9	Methane-oxidizing seawater microbial communities from an Arctic shelf. <i>Biogeosciences</i> , 2018, 15, 3311-3329.	3.3	13
10	Sea Ice and Water Mass Influence Dimethylsulfide Concentrations in the Central Arctic Ocean. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	13
11	Variability in sulfur isotope composition suggests unique dimethylsulfoniopropionate cycling and microalgae metabolism in Antarctic sea ice. <i>Communications Biology</i> , 2018, 1, 212.	4.4	12
12	Using stable isotopes and gas concentrations for independent constraints on microbial methane oxidation at Arctic Ocean temperatures. <i>Limnology and Oceanography: Methods</i> , 2017, 15, 737-751.	2.0	11