

# Karen Junge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11368537/publications.pdf>

Version: 2024-02-01

15  
papers

1,121  
citations

933447

10  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial Activity at $-2$ to $-20^{\circ}\text{C}$ in Arctic Wintertime Sea Ice. <i>Applied and Environmental Microbiology</i> , 2004, 70, 550-557.	3.1	373
2	Bacterial incorporation of leucine into protein down to $-20^{\circ}\text{C}$ with evidence for potential activity in sub-eutectic saline ice formations. <i>Cryobiology</i> , 2006, 52, 417-429.	0.7	109
3	Molecular and biogeochemical evidence for methane cycling beneath the western margin of the Greenland Ice Sheet. <i>ISME Journal</i> , 2014, 8, 2305-2316.	9.8	109
4	A microscopic approach to investigate bacteria under in situ conditions in sea-ice samples. <i>Annals of Glaciology</i> , 2001, 33, 304-310.	1.4	105
5	Comparison of Psychro-Active Arctic Marine Bacteria and Common Mesophilic Bacteria Using Surface-Enhanced Raman Spectroscopy. <i>Applied Spectroscopy</i> , 2005, 59, 1222-1228.	2.2	99
6	Arthrobacter, Brachybacterium and Planococcus Isolates Identified from Antarctic Sea Ice Brine. Description of <i>Planococcus mcmeekinii</i> , sp. nov.. <i>Systematic and Applied Microbiology</i> , 1998, 21, 306-314.	2.8	88
7	Motility of <i>Colwellia psychrerythraea</i> Strain 34H at Subzero Temperatures. <i>Applied and Environmental Microbiology</i> , 2003, 69, 4282-4284.	3.1	66
8	Diversity and potential sources of microbiota associated with snow on western portions of the Greenland Ice Sheet. <i>Environmental Microbiology</i> , 2015, 17, 594-609.	3.8	55
9	Proteomics of <i>Colwellia psychrerythraea</i> at subzero temperatures – a life with limited movement, flexible membranes and vital DNA repair. <i>Environmental Microbiology</i> , 2015, 17, 2319-2335.	3.8	46
10	Microbial glucose uptake and growth along a horizontal nutrient gradient in the North Pacific. <i>Limnology and Oceanography</i> , 2002, 47, 1676-1683.	3.1	29
11	Diversity of Psychrophilic Bacteria in Sea and Glacier Ice Environments – Insights Through Genomics, Metagenomics, and Proteomics Approaches. , 2019, , 197-216.		15
12	Diversity of Psychrophilic Bacteria from Sea Ice - and Glacial Ice Communities. , 2011, , 793-815.		14
13	Psychrophilic Diatoms. Cellular Origin and Life in Extreme Habitats, 2007, , 343-364.	0.3	10
14	A Microscopic Approach to Investigate Bacteria under In-Situ Conditions in Arctic Lake Ice: Initial Comparisons to Sea Ice. Symposium - International Astronomical Union, 2004, 213, 381-388.	0.1	1
15	Cryospheric Environments in Polar Regions (Glaciers and Ice Sheets, Sea Ice, and Ice Shelves). , 0, , 218-239.		1