

Karen Junge

List of Publications by Year in descending order

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