

# Storage and release of organic carbon from glaciers and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A preliminary study of cryosphere service function and value evaluation. <i>Advances in Climate Change Research</i> , 2015, 6, 181-187.	5.1	44
2	End-of-winter snow depth variability on glaciers in Alaska. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 1530-1550.	2.8	34
3	Assessing net community production in a glaciated Alaskan fjord. <i>Biogeosciences</i> , 2015, 12, 5185-5198.	3.3	8
4	Cryospheric ecosystems: a synthesis of snowpack and glacial research. <i>Environmental Research Letters</i> , 2015, 10, 110201.	5.2	45
5	A new isolation method for biomass-burning tracers in snow: Measurements of p-hydroxybenzoic, vanillic, and dehydroabietic acids. <i>Atmospheric Environment</i> , 2015, 122, 142-147.	4.1	16
6	Spatial Variation in the Origin of Dissolved Organic Carbon in Snow on the Juneau Icefield, Southeast Alaska. <i>Environmental Science &amp; Technology</i> , 2015, 49, 11492-11499.	10.0	34
7	Dissolved organic matter in newly formed sea ice and surface seawater. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 171, 39-49.	3.9	36
8	Storage of dissolved organic carbon in Chinese glaciers. <i>Journal of Glaciology</i> , 2016, 62, 402-406.	2.2	25
9	Concentration, sources and light absorption characteristics of dissolved organic carbon on a medium-sized valley glacier, northern Tibetan Plateau. <i>Cryosphere</i> , 2016, 10, 2611-2621.	3.9	65
10	Use of Multi-Carbon Sources by Zooplankton in an Oligotrophic Lake in the Tibetan Plateau. <i>Water (Switzerland)</i> , 2016, 8, 565.	2.7	7
11	A Decadal (2002-2014) Analysis for Dynamics of Heterotrophic Bacteria in an Antarctic Coastal Ecosystem: Variability and Physical and Biogeochemical Forcings. <i>Frontiers in Marine Science</i> , 2016, 3, .	2.5	28
12	Can the Bacterial Community of a High Arctic Glacier Surface Escape Viral Control?. <i>Frontiers in Microbiology</i> , 2016, 7, 956.	3.5	24
13	Molecular Detection and Environment-Specific Diversity of Glycosyl Hydrolase Family 1 $\beta$ -Glucosidase in Different Habitats. <i>Frontiers in Microbiology</i> , 2016, 7, 1597.	3.5	22
14	Physiological Ecology of Microorganisms in Subglacial Lake Whillans. <i>Frontiers in Microbiology</i> , 2016, 7, 1705.	3.5	47
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16	High-resolution modeling of coastal freshwater discharge and glacier mass balance in the Gulf of Alaska watershed. <i>Water Resources Research</i> , 2016, 52, 3888-3909.	4.2	65
17	Taxon interactions control the distributions of cryoconite bacteria colonizing a High Arctic ice cap. <i>Molecular Ecology</i> , 2016, 25, 3752-3767.	3.9	67
18	The differing biogeochemical and microbial signatures of glaciers and rock glaciers. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 919-932.	3.0	72

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19	Chemical Composition of Microbe-Derived Dissolved Organic Matter in Cryoconite in Tibetan Plateau Glaciers: Insights from Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Analysis. <i>Environmental Science &amp; Technology</i> , 2016, 50, 13215-13223.	10.0	92
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21	Light-dependent microbial metabolisms drive carbon fluxes on glacier surfaces. <i>ISME Journal</i> , 2016, 10, 2984-2988.	9.8	47
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27	Dissolved black carbon in Antarctic lakes: Chemical signatures of past and present sources. <i>Geophysical Research Letters</i> , 2016, 43, 5750-5757.	4.0	27
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38	Microbially driven export of labile organic carbon from the Greenland ice sheet. <i>Nature Geoscience</i> , 2017, 10, 360-365.	12.9	75
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48	Effects of increase glacier discharge on phytoplankton bloom dynamics and pelagic geochemistry in a high Arctic fjord. <i>Progress in Oceanography</i> , 2017, 159, 195-210.	3.2	46
49	Legacy organochlorine pollutants in glacial watersheds: a review. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1474-1483.	3.5	30
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81	The deglaciation of Barton Peninsula (King George Island, South Shetland Islands, Antarctica) based on geomorphological evidence and lacustrine records. <i>Polar Record</i> , 2019, 55, 177-188.	0.8	16
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92	Ecosystem shifts in Alpine streams under glacier retreat and rock glacier thaw: A review. <i>Science of the Total Environment</i> , 2019, 675, 542-559.	8.0	79
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113	Patterns and Drivers of Extracellular Enzyme Activity in New Zealand Glacier-Fed Streams. <i>Frontiers in Microbiology</i> , 2020, 11, 591465.	3.5	18
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146	High-Frequency Monitoring Reveals Multiple Frequencies of Nitrogen and Carbon Mass Balance Dynamics in a Headwater Stream. <i>Frontiers in Water</i> , 2021, 3, .	2.3	7

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148	The evolution of stream dissolved organic matter composition following glacier retreat in coastal watersheds of southeast Alaska. <i>Biogeochemistry</i> , 2023, 164, 99-116.	3.5	12
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