Monica C M Winsborrow

List of Publications by Year
in descending order

33	1,741	361413	395702
papers	citations	20 h-index	33 g-index

33	33	33	1719
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The role of ocean and atmospheric dynamics in the marine-based collapse of the last Eurasian Ice Sheet. Communications Earth & Environment, 2022, 3, .	6.8	9
2	A Continuous Seismostratigraphic Framework for the Western Svalbard-Barents Sea Margin Over the Last 2.7 Ma: Implications for the Late Cenozoic Glacial History of the Svalbard-Barents Sea Ice Sheet. Frontiers in Earth Science, 2021, 9, .	1.8	9
3	Exceptions to bed-controlled ice sheet flow and retreat from glaciated continental margins worldwide. Science Advances, 2021, 7, .	10.3	19
4	Iceâ€margin retreat and groundingâ€zone dynamics during initial deglaciation of the Storfjordrenna Ice Stream, western Barents Sea. Boreas, 2020, 49, 38-51.	2.4	11
5	Morphological evidence for marine ice stream shutdown, central Barents Sea. Marine Geology, 2019, 414, 64-76.	2.1	16
6	Quaternary interaction of cryospheric and oceanographic processes along the centralâ€east Greenland margin. Boreas, 2019, 48, 72-91.	2.4	1
7	The First International Conference on â€˜Processes and Palaeo-Environmental Changes in the Arctic: From Past to Presentâ€™ (PalaeoArc). Geologos, 2019, 25, 175-179.	0.6	1
8	Relationship between mega-scale glacial lineations and iceberg ploughmarks on the BjÃ¸rnÃ¸yrenna Palaeo-Ice Stream bed, Barents Sea. Marine Geology, 2018, 402, 153-164.	2.1	7
9	Shallow carbon storage in ancient buried thermokarst in the South Kara Sea. Scientific Reports, 2018, 8, 14342.	3.3	7
10	Subglacial water storage and drainage beneath the Fennoscandian and Barents Sea ice sheets. Quaternary Science Reviews, 2018, 201, 13-28.	3.0	23
11	Grounding line proximal sediment characteristics at a marine-based, late-stage ice stream margin. Journal of Quaternary Science, 2017, 32, 463-474.	2.1	3
12	Deglaciation of the Eurasian ice sheet complex. Quaternary Science Reviews, 2017, 169, 148-172.	3.0	253
13	Massive blow-out craters formed by hydrate-controlled methane expulsion from the Arctic seafloor. Science, 2017, 356, 948-953.	12.6	177
14	Large subglacial meltwater features in the central Barents Sea. Geology, 2017, 45, 159-162.	4.4	28
15	Retreat patterns and dynamics of the Sentralbankrenna glacial system, central Barents Sea. Quaternary Science Reviews, 2017, 169, 131-147.	3.0	21
16	The build-up, configuration, and dynamical sensitivity of the Eurasian ice-sheet complex to Late Weichselian climatic and oceanic forcing. Quaternary Science Reviews, 2016, 153, 97-121.	3.0	138
17	Retreat patterns and dynamics of the former Bear Island Trough Ice Stream. Geological Society Memoir, 2016, 46, 445-452.	1.7	5
18	Regulation of ice stream flow through subglacial formation of gas hydrates. Nature Geoscience, 2016, 9, 370-374.	12.9	38

#	Article	IF	Citations
19	Evolution of a high-latitude sediment drift inside a glacially-carved trough based on high-resolution seismic stratigraphy (Kveithola, NW Barents Sea). Quaternary Science Reviews, 2016, 147, 178-193.	3.0	27
20	Reconstructing the retreat dynamics of the BjÃ¸rnÃ¸yrenna Ice Stream based on new 3D seismic data from the central Barents Sea. Quaternary Science Reviews, 2016, 151, 212-227.	3.0	31
21	Geophysical constraints on the dynamics and retreat of the Barents Sea ice sheet as a paleobenchmark for models of marine ice sheet deglaciation. Reviews of Geophysics, 2015, 53, 1051-1098.	23.0	68
22	Sandwaves and sand transport on the Barents Sea continental slope offshore northern Norway. Marine and Petroleum Geology, 2015, 60, 34-53.	3.3	21
23	Asynchronous response of marine-terminating outlet glaciers during deglaciation of the Fennoscandian Ice Sheet. Geology, 2014, 42, 455-458.	4.4	41
24	Deglaciation of the central Barents Sea. Quaternary Science Reviews, 2014, 92, 208-226.	3.0	76
25	Ice stream retreat dynamics inferred from an assemblage of landforms in the northern Barents Sea. Quaternary Science Reviews, 2014, 92, 246-257.	3.0	76
26	Groundingâ€line dynamics during the last deglaciation of <scp>K</scp>veithola, <scp>W B</scp>arents <scp>S</scp>ea, as revealed by seabed geomorphology and shallow seismic stratigraphy. Boreas, 2013, 42, 84-107.	2.4	59
27	Subglacial roughness of the former Barents Sea ice sheet. Journal of Geophysical Research F: Earth Surface, 2013, 118, 2546-2556.	2.8	14
28	Deglaciation of the western margin of the Barents Sea Ice Sheet â€" A swath bathymetric and sub-bottom seismic study from the Kveithola Trough. Marine Geology, 2011, 279, 141-147.	2.1	66
29	What controls the location of ice streams?. Earth-Science Reviews, 2010, 103, 45-59.	9.1	129
30	Late Pliocene-Pleistocene development of the Barents Sea Ice Sheet. Geology, 2010, 38, 107-110.	4.4	74
31	Deglaciation of a marine-based ice sheet: Late Weichselian palaeo-ice dynamics and retreat in the southern Barents Sea reconstructed from onshore and offshore glacial geomorphology. Quaternary Science Reviews, 2010, 29, 424-442.	3.0	164
32	Signature of ice streaming in BjÃ¸rnÃ¸yrenna, Polar North Atlantic, through the Pleistocene and implications for ice-stream dynamics. Annals of Glaciology, 2009, 50, 17-26.	1.4	68
33	Ice Streams of the Laurentide Ice Sheet. GÃ©ographie Physique Et Quaternaire, 2004, 58, 269-280.	0.2	61