Brent Goehring

List of Publications by Year
in descending order

60	2,736	279798	175258
papers	citations	23 h-index	52 g-index

76	76	76	2103
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cordilleran Ice Sheet Stability During the Last Deglaciation. Geophysical Research Letters, 2022, 49, .	4.0	5
2	Review article: Existing and potential evidence for Holocene grounding line retreat and readvance in Antarctica. Cryosphere, 2022, 16, 1543-1562.	3.9	16
3	Reconciling the apparent absence of a Last Glacial Maximum alpine glacial advance, Yukon Territory, Canada, through cosmogenic beryllium-10 and carbon-14 measurements. Geochronology, 2022, 4, 311-322.	2.5	1
4	Relative sea-level data preclude major late Holocene ice-mass change in Pine Island Bay. Nature Geoscience, 2022, 15, 568-572.	12.9	12
5	A huge flood in the Fraser River valley, British Columbia, near the Pleistocene Termination. Geomorphology, 2021, 374, 107473.	2.6	8
6	Measuring multiple cosmogenic nuclides in glacial cobbles sheds light on Greenland Ice Sheet processes. Earth and Planetary Science Letters, 2021, 554, 116673.	4.4	4
7	Similar Holocene glaciation histories in tropical South America and Africa. Geology, 2021, 49, 140-144.	4.4	6
8	Holocene thinning of Darwin and Hatherton glaciers, Antarctica, and implications for grounding-line retreat in the Ross Sea. Cryosphere, 2021, 15, 3329-3354.	3.9	5
9	Early Pleistocene climate-induced erosion of the Alaska Range formed the Nenana Gravel. Geology, 2021, 49, 1473-1477.	4.4	4
10	The Transport History of Alluvial Fan Sediment Inferred From Multiple Geochronometers. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2021JF006096.	2.8	1
11	Corrigendum to â€œDeglaciation of Pope Glacier implies widespread early Holocene ice sheet thinning in the Amundsen Sea sector of Antarcticaâ€•[Earth & Planetary Science Letters 548 (2020) 116501]. Earth and Planetary Science Letters, 2021, 576, 117221.	4.4	0
12	Tandem dating methods constrain late Holocene glacier advances, southern Coast Mountains, British Columbia. Quaternary Science Reviews, 2021, 274, 107282.	3.0	1
13	Deglaciation of Pope Glacier implies widespread early Holocene ice sheet thinning in the Amundsen Sea sector of Antarctica. Earth and Planetary Science Letters, 2020, 548, 116501.	4.4	20
14	Middle Pleistocene formation of the Rio Grande Gorge, San Luis Valley, south-central Colorado and north-central New Mexico, USA: Process, timing, and downstream implications. Quaternary Science Reviews, 2019, 223, 105846.	3.0	23
15	Late-glacial grounding line retreat in the northern Ross Sea, Antarctica. Geology, 2019, 47, 291-294.	4.4	25
16	Glacial geology and cosmogenic-nuclide exposure ages from the Tucker Glacier - Whitehall Glacier confluence, northern Victoria Land, Antarctica. Numerische Mathematik, 2019, 319, 255-286.	1.4	9
17	Abrupt mid-Holocene ice loss in the western Weddell Sea Embayment of Antarctica. Earth and Planetary Science Letters, 2019, 518, 127-135.	4.4	20
18	A fully automated system for the extraction of in situ cosmogenic carbon-14 in the Tulane University cosmogenic nuclide laboratory. Nuclear Instruments & Methods in Physics Research B, 2019, 455, 284-292.	1.4	21

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19	Thickness of the divide and flank of the West Antarctic Ice Sheet through the last deglaciation. Cryosphere, 2019, 13, 3061-3075.	3.9	15
20	New Last Glacial Maximum ice thickness constraints for the Weddell Sea Embayment, Antarctica. Cryosphere, 2019, 13, 2935-2951.	3.9	24
21	Analysis of multiple cosmogenic nuclides constrains Laurentide Ice Sheet history and process on Mt. Mansfield, Vermont's highest peak. Quaternary Science Reviews, 2019, 205, 234-246.	3.0	16
22	The distribution and magnitude of subglacial erosion on millennial timescales at Engabreen, Norway. Annals of Glaciology, 2019, 60, 73-81.	1.4	6
23	Isolation of quartz for cosmogenic in situ ¹⁴C analysis. Geochronology, 2019, 1, 43-52.	2.5	12
24	Establishing a Bayesian approach to determining cosmogenic nuclide reference production rates using He-3. Earth and Planetary Science Letters, 2018, 481, 91-100.	4.4	8
25	Retreat of the Western Cordilleran Ice Sheet Margin During the Last Deglaciation. Geophysical Research Letters, 2018, 45, 9710-9720.	4.0	81
26	Handling Overdispersion in CRONUS-Earth Intercomparison Measurements: A Bayesian Approach. Radiocarbon, 2017, 59, 1133-1145.	1.8	2
27	Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination. Science, 2017, 358, 781-784.	12.6	74
28	The last glaciation of Bear Peninsula, central Amundsen Sea Embayment of Antarctica: Constraints on timing and duration revealed by in situ cosmogenic 14C and 10Be dating. Quaternary Science Reviews, 2017, 178, 77-88.	3.0	16
29	The deep accumulation of ¹⁰Be at Utsira, southwestern Norway: Implications for cosmogenic nuclide exposure dating in peripheral ice sheet landscapes. Geophysical Research Letters, 2016, 43, 9121-9129.	4.0	45
30	Quaternary evolution and ice sheet history of contrasting landscapes in Uummannaq and Sukkertoppen, western Greenland. Quaternary Science Reviews, 2016, 149, 248-258.	3.0	18
31	Cosmogenic-nuclide exposure ages from the Pensacola Mountains adjacent to the Foundation Ice Stream, Antarctica. Numerische Mathematik, 2016, 316, 542-577.	1.4	27
32	Geological calibration of spallation production rates in the CRONUS-Earth project. Quaternary Geochronology, 2016, 31, 188-198.	1.4	503
33	The CRONUS-Earth Project: A synthesis. Quaternary Geochronology, 2016, 31, 119-154.	1.4	138
34	Where now? Reflections on future directions for cosmogenic nuclide research from the CRONUS Projects. Quaternary Geochronology, 2016, 31, 155-159.	1.4	16
35	In situ cosmogenic nuclide production rate calibration for the CRONUS-Earth project from Lake Bonneville, Utah, shoreline features. Quaternary Geochronology, 2015, 26, 56-69.	1.4	70
36	How many and from where? Assessing the sensitivity of exposure durations calculated from paired bedrock 14 C/ 10 Be measurements in glacial troughs. Quaternary Geochronology, 2015, 29, 1-5.	1.4	4

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37	A Bayesian approach to an interlaboratory comparison. Chemometrics and Intelligent Laboratory Systems, 2015, 141, 94-99.	3.5	3
38	Progress in automated extraction and purification of in situ 14C from quartz: Results from the Purdue in situ 14C laboratory. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 381-386.	1.4	22
39	West Greenland and global in situ¹⁴C productionâ€rate calibrations. Journal of Quaternary Science, 2014, 29, 401-406.	2.1	19
40	Constraints on the late Quaternary glacial history of the Inylchek and Sary-Dzaz valleys from in situ cosmogenic 10Be and 26Al, eastern Kyrgyz Tian Shan. Quaternary Science Reviews, 2014, 101, 77-90.	3.0	33
41	Capabilities of the Lamontâ€“Doherty Earth Observatory in situ 14C extraction laboratory updated. Quaternary Geochronology, 2014, 19, 194-197.	1.4	30
42	Latest Pleistocene and Holocene glacier fluctuations in southernmost Tierra del Fuego, Argentina. Quaternary Science Reviews, 2013, 77, 70-79.	3.0	53
43	Collapse of marine-based outlet glaciers from the Scandinavian Ice Sheet. Quaternary Science Reviews, 2013, 67, 8-16.	3.0	52
44	An in situ 14Câ€“10Be Bayesian isochron approach for interpreting complex glacial histories. Quaternary Geochronology, 2013, 15, 61-66.	1.4	16
45	Ultra-trace analysis of 41Ca in urine by accelerator mass spectrometry: An inter-laboratory comparison. Nuclear Instruments & Methods in Physics Research B, 2013, 313, 14-20.	1.4	4
46	A ¹⁰<scp>B</scp>e productionâ€rate calibration for the Arctic. Journal of Quaternary Science, 2013, 28, 515-526.	2.1	188
47	Holocene dynamics of the Rhone Glacier, Switzerland, deduced from ice flow models and cosmogenic nuclides. Earth and Planetary Science Letters, 2012, 351-352, 27-35.	4.4	16
48	Calibration of the in situ cosmogenic ¹⁴C production rate in New Zealand's Southern Alps. Journal of Quaternary Science, 2012, 27, 671-674.	2.1	18
49	Do phreatomagmatic eruptions at Ubehebe Crater (Death Valley, California) relate to a wetter than present hydroâ€climate?. Geophysical Research Letters, 2012, 39, .	4.0	9
50	Late glacial and holocene ¹⁰Be production rates for western Norway. Journal of Quaternary Science, 2012, 27, 89-96.	2.1	99
51	Constraining Holocene ¹⁰Be production rates in Greenland. Journal of Quaternary Science, 2012, 27, 2-6.	2.1	74
52	In-situ cosmogenic 10Be production rate at Lago Argentino, Patagonia: Implications for late-glacial climate chronology. Earth and Planetary Science Letters, 2011, 309, 21-32.	4.4	162
53	The Rhone Glacier was smaller than today for most of the Holocene. Geology, 2011, 39, 679-682.	4.4	91
54	Dating of raised marine and lacustrine deposits in east Greenland using berylliumâ€10 depth profiles and implications for estimates of subglacial erosion. Journal of Quaternary Science, 2010, 25, 865-874.	2.1	15

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55	Changing influence of Antarctic and Greenlandic temperature records on sea-level over the last glacial cycle. Quaternary Science Reviews, 2010, 29, 410-423.	3.0	29
56	In situ cosmogenic 10Be production-rate calibration from the Southern Alps, New Zealand. Quaternary Geochronology, 2010, 5, 392-409.	1.4	234
57	A reevaluation of in situ cosmogenic 3He production rates. Quaternary Geochronology, 2010, 5, 410-418.	1.4	105
58	Beryllium-10 exposure ages of erratic boulders in southern Norway and implications for the history of the Fennoscandian Ice Sheet. Quaternary Science Reviews, 2008, 27, 320-336.	3.0	79
59	A 10Be chronology of lateglacial and Holocene mountain glaciation in the Scoresby Sund region, east Greenland: implications for seasonality during lateglacial time. Quaternary Science Reviews, 2008, 27, 2273-2282.	3.0	112
60	Review article: Existing and potential evidence for Holocene grounding-line retreat and readvance in Antarctica. , 0, , .		0