

Marcus Christl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3895069/publications.pdf>

Version: 2024-02-01

241
papers

7,527
citations

87888

38
h-index

79698

73
g-index

289
all docs

289
docs citations

289
times ranked

7603
citing authors

#	ARTICLE	IF	CITATIONS
1	9,400 years of cosmic radiation and solar activity from ice cores and tree rings. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5967-5971.	7.1	557
2	Ancient Biomolecules from Deep Ice Cores Reveal a Forested Southern Greenland. Science, 2007, 317, 111-114.	12.6	393
3	Latest Pleistocene and Holocene glacier variations in the European Alps. Quaternary Science Reviews, 2009, 28, 2137-2149.	3.0	378
4	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	3.3	257
5	The ETH Zurich AMS facilities: Performance parameters and reference materials. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 29-38.	1.4	252
6	Possible solar origin of the 1,470-year glacial climate cycle demonstrated in a coupled model. Nature, 2005, 438, 208-211.	27.8	231
7	Bats: A new tool for AMS data reduction. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 976-979.	1.4	201
8	A 600-yr annual ^{10}Be record from the NGRIP ice core, Greenland. Geophysical Research Letters, 2009, 36, .	4.0	157
9	^{10}Be and ^{26}Al measurements at the Zurich 6MV Tandem AMS facility. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 880-883.	1.4	144
10	Does sedimentary ^{231}Pa / ^{230}Th from the Bermuda Rise monitor past Atlantic Meridional Overturning Circulation?. Geophysical Research Letters, 2009, 36, .	4.0	119
11	Tree rings reveal globally coherent signature of cosmogenic radiocarbon events in 774 and 993 CE. Nature Communications, 2018, 9, 3605.	12.8	98
12	Eleven-year solar cycles over the last millennium revealed by radiocarbon in tree rings. Nature Geoscience, 2021, 14, 10-15.	12.9	97
13	Trench-Parallel Anisotropy Produced by Foundering of Arc Lower Crust. Science, 2007, 317, 108-111.	12.6	92
14	Deep water provenance and dynamics of the (de)glacial Atlantic meridional overturning circulation. Earth and Planetary Science Letters, 2016, 445, 68-78.	4.4	88
15	Dating the onset of LGM ice surface lowering in the High Alps. Quaternary Science Reviews, 2016, 143, 37-50.	3.0	87
16	Rapid increase in cosmogenic ^{14}C in AD 775 measured in New Zealand kauri trees indicates short-lived increase in ^{14}C production spanning both hemispheres. Earth and Planetary Science Letters, 2015, 411, 290-297.	4.4	86
17	The dependence of meteoric ^{10}Be concentrations on particle size in Amazon River bed sediment and the extraction of reactive $^{10}\text{Be}/^9\text{Be}$ ratios. Chemical Geology, 2012, 318-319, 126-138.	3.3	71
18	Rapid Holocene thinning of an East Antarctic outlet glacier driven by marine ice sheet instability. Nature Communications, 2015, 6, 8910.	12.8	70

#	ARTICLE	IF	CITATIONS
19	The AD 1717 rock avalanche deposits in the upper Ferret Valley (Italy): a dating approach with cosmogenic ¹⁰ Be. <i>Journal of Quaternary Science</i> , 2012, 27, 383-392.	2.1	69
20	Spatial variability of ¹⁰ Be-derived erosion rates across the southern Peninsular Indian escarpment: A key to landscape evolution across passive margins. <i>Earth and Planetary Science Letters</i> , 2015, 425, 154-167.	4.4	67
21	First ²³⁶ U data from the Arctic Ocean and use of ²³⁶ U/ ²³⁸ U and ¹²⁹ I/ ²³⁶ U as a new dual tracer. <i>Earth and Planetary Science Letters</i> , 2016, 440, 127-134.	4.4	66
22	A first transect of ²³⁶ U in the North Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 133, 34-46.	3.9	65
23	Plutonium release from Fukushima Daiichi fosters the need for more detailed investigations. <i>Scientific Reports</i> , 2013, 3, 2988.	3.3	64
24	The importance of independent chronology in integrating records of past climate change for the 60-ka INTIMATE time interval. <i>Quaternary Science Reviews</i> , 2014, 106, 47-66.	3.0	64
25	Competitive ¹⁰ Be measurements below 1 MeV with the upgraded ETH-TANDY AMS facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 2801-2807.	1.4	63
26	Multiradionuclide evidence for an extreme solar proton event around 2,610 B.P. (≈14660 BC). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5961-5966.	7.1	63
27	Post-Accident Sporadic Releases of Airborne Radionuclides from the Fukushima Daiichi Nuclear Power Plant Site. <i>Environmental Science & Technology</i> , 2015, 49, 14028-14035.	10.0	61
28	Status of ²³⁶ U analyses at ETH Zurich and the distribution of ²³⁶ U and ¹²⁹ I in the North Sea in 2009. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 510-516.	1.4	58
29	The potential of He stripping in heavy ion AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 382-386.	1.4	57
30	An improved experimental determination of cosmogenic ¹⁰ Be/ ²¹ Ne and ²⁶ Al/ ²¹ Ne production ratios in quartz. <i>Earth and Planetary Science Letters</i> , 2009, 284, 187-198.	4.4	56
31	A depth profile of uranium-236 in the Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 77, 98-107.	3.9	55
32	Reconstruction of the ²³⁶ U input function for the Northeast Atlantic Ocean: Implications for ¹²⁹ I/ ²³⁶ U and ²³⁶ U/ ²³⁸ U-based tracer ages. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 7282-7299.	2.6	46
33	Copper-nickel-rich, amalgamated ferromanganese crust nodule deposits from Shatsky Rise, NW Pacific. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	44
34	Beryllium-10 in deep-sea sediments: a tracer for the Earth's magnetic field intensity during the last 200,000 years. <i>Quaternary Science Reviews</i> , 2003, 22, 725-739.	3.0	43
35	Evidence for a link between the flux of galactic cosmic rays and Earth's climate during the past 200,000 years. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2004, 66, 313-322.	1.6	43
36	Multiple cosmogenic nuclides document complex Pleistocene exposure history of glacial drifts in Terra Nova Bay (northern Victoria Land, Antarctica). <i>Quaternary Research</i> , 2009, 71, 83-92.	1.7	42

#	ARTICLE	IF	CITATIONS
37	A test of the cosmogenic ¹⁰ Be(meteoric)/ ⁹ Be proxy for simultaneously determining basin-wide erosion rates, denudation rates, and the degree of weathering in the Amazon basin. <i>Journal of Geophysical Research F: Earth Surface</i> , 2015, 120, 2498-2528.	2.8	41
38	A deglaciation model of the Oberhasli, Switzerland. <i>Journal of Quaternary Science</i> , 2016, 31, 46-59.	2.1	41
39	Marine radioecology after the Fukushima Dai-ichi nuclear accident: Are we better positioned to understand the impact of radionuclides in marine ecosystems?. <i>Science of the Total Environment</i> , 2018, 618, 80-92.	8.0	39
40	Tracing the Three Atlantic Branches Entering the Arctic Ocean With ¹²⁹ I and ²³⁶ U. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6909-6921.	2.6	38
41	First data of Uranium-236 in the North Sea. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 530-536.	1.4	36
42	Isochron ¹⁴ C burial dating of glaciofluvial deposits: First results from the Swiss Alps. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 2414-2425.	2.5	36
43	¹⁰ Be AMS measurements at low energies (E<1MeV). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2008, 266, 2207-2212.	1.4	35
44	Evidence of central Alpine glacier advances during the Younger Dryas ¹⁵ “early Holocene transition period. <i>Boreas</i> , 2016, 45, 398-410.	2.4	35
45	Regional mid-Pleistocene glaciation in central Patagonia. <i>Quaternary Science Reviews</i> , 2017, 164, 77-94.	3.0	35
46	Potential Releases of ¹²⁹ I, ²³⁶ U, and Pu Isotopes from the Fukushima Dai-ichi Nuclear Power Plants to the Ocean from 2013 to 2015. <i>Environmental Science & Technology</i> , 2017, 51, 9826-9835.	10.0	35
47	<sup>10&sup>Be systematics in the Tsangpo-Brahmaputra catchment: the cosmogenic nuclide legacy of the eastern Himalayan syntaxis. <i>Earth Surface Dynamics</i> , 2017, 5, 429-449.	2.4	35
48	Ultra-trace determination of plutonium in urine samples using a compact accelerator mass spectrometry system operating at 300 kV. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 126-130.	3.0	34
49	Isotopic signature of plutonium at Bikini atoll. <i>Applied Radiation and Isotopes</i> , 2010, 68, 979-983.	1.5	33
50	Timing of European fluvial terrace formation and incision rates constrained by cosmogenic nuclide dating. <i>Earth and Planetary Science Letters</i> , 2016, 451, 221-231.	4.4	33
51	Radionuclide pollution inside the Fukushima Daiichi exclusion zone, part 2: Forensic search for the ¹⁴ C“Forgotten ¹⁶ “contaminants Uranium-236 and plutonium. <i>Applied Geochemistry</i> , 2017, 85, 194-200.	3.0	33
52	Denudation variability of the ¹⁰ Be/ ⁹ Be upland (¹⁰ Be/ ⁹ Be) from decades to millennia using ¹⁰ Be/ ⁹ Be and ²³⁹⁺²⁴⁰ Pu/ ²³⁸ U. <i>Land Degradation and Development</i> , 2018, 29, 3736-3752.	3.9	33
53	New geomorphological and chronological constraints for glacial deposits in the Rivioli ¹⁷ “Avigliana end ¹⁸ “moraine system and the lower Susa Valley (Western Alps, NW Italy). <i>Journal of Quaternary Science</i> , 2018, 33, 550-562.	2.1	32
54	Late-Pleistocene catchment-wide denudation patterns across the European Alps. <i>Earth-Science Reviews</i> , 2020, 211, 103407.	9.1	32

#	ARTICLE	IF	CITATIONS
55	Reduced sediment supply in a fast eroding landscape? A multi-proxy sediment budget of the upper Rhône basin, Central Alps. <i>Sedimentary Geology</i> , 2018, 375, 105-119.	2.1	31
56	Catchment-wide weathering and erosion rates of mafic, ultramafic, and granitic rock from cosmogenic meteoric $^{10}\text{Be}/^9\text{Be}$ ratios. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 618-641.	3.9	31
57	Reconstruction of global ^{10}Be production over the past 250ka from highly accumulating Atlantic drift sediments. <i>Quaternary Science Reviews</i> , 2010, 29, 2663-2672.	3.0	30
58	Erosion rates across space and timescales from a multi-proxy study of rivers of eastern Taiwan. <i>Global and Planetary Change</i> , 2017, 157, 174-193.	3.5	30
59	Boundary scavenging at the East Atlantic margin does not negate use of $^{231}\text{Pa}/^{230}\text{Th}$ to trace Atlantic overturning. <i>Earth and Planetary Science Letters</i> , 2012, 333-334, 317-331.	4.4	29
60	^{10}Be dating of Neogene halite. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 122, 418-429.	3.9	29
61	Unravelling 5 decades of anthropogenic ^{236}U discharge from nuclear reprocessing plants. <i>Science of the Total Environment</i> , 2020, 717, 137094.	8.0	29
62	Low energy AMS of americium and curium. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 331, 225-232.	1.4	28
63	Multiple advances of Alpine glaciers into the Jura Mountains in the Northwestern Switzerland. <i>Swiss Journal of Geosciences</i> , 2015, 108, 225-238.	1.2	28
64	Kinetically limited weathering at low denudation rates in semiarid climatic conditions. <i>Journal of Geophysical Research F: Earth Surface</i> , 2016, 121, 336-350.	2.8	28
65	Continuous 25-yr aerosol records at coastal Antarctica: Part 2: variability of the radionuclides ^{7}Be , ^{10}Be and ^{210}Pb . <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 63, 920.	1.6	27
66	Detection of UH_3^+ and ThH_3^+ molecules and ^{236}U background studies with low-energy AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 364-368.	1.4	27
67	Evolution of soil erosion rates in alpine soils of the Central Rocky Mountains using fallout Pu and ^{13}C . <i>Earth and Planetary Science Letters</i> , 2018, 496, 257-269.	4.4	27
68	Accelerator mass spectrometry of ^{236}U at low energies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 3199-3203.	1.4	26
69	Anthropogenic ^{236}U and ^{129}I in the Mediterranean Sea: First comprehensive distribution and constrain of their sources. <i>Science of the Total Environment</i> , 2017, 593-594, 745-759.	8.0	26
70	Anthropogenic ^{236}U in the North Sea – A Closer Look into a Source Region. <i>Environmental Science & Technology</i> , 2017, 51, 12146-12153.	10.0	26
71	Preliminary results of CoQtz-N: A quartz reference material for terrestrial in-situ cosmogenic ^{10}Be and ^{26}Al measurements. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 456, 203-212.	1.4	26
72	Protactinium-231: A new radionuclide for AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 262, 379-384.	1.4	25

#	ARTICLE	IF	CITATIONS
73	Climatic and Tectonic forcing on alluvial fans in the Southern Central Andes. <i>Quaternary Science Reviews</i> , 2017, 172, 131-141.	3.0	25
74	Last glacial maximum glaciers in the Northern Apennines reflect primarily the influence of southerly storm-tracks in the western Mediterranean. <i>Quaternary Science Reviews</i> , 2018, 197, 352-367.	3.0	25
75	Tracing the temporal evolution of soil redistribution rates in an agricultural landscape using ²³⁹⁺²⁴⁰ Pu and ¹⁰ Be. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 1783-1798.	2.5	25
76	Tracing Atlantic Waters Using ¹²⁹ I and ²³⁶ U in the Fram Strait in 2016. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 882-896.	2.6	25
77	Postglacial erosion of bedrock surfaces and deglaciation timing: New insights from the Mont Blanc massif (western Alps). <i>Geology</i> , 2020, 48, 139-144.	4.4	25
78	Latest Pleistocene glacier advances and post-Younger Dryas rock glacier stabilization in the Mt. Kriváň group, High Tatra Mountains, Slovakia. <i>Geomorphology</i> , 2020, 358, 107093.	2.6	25
79	Highly resolved Beryllium-10 record from ODP Site 1089 – A global signal?. <i>Earth and Planetary Science Letters</i> , 2007, 257, 245-258.	4.4	24
80	¹⁰ Be in Ice Cores and ¹⁴ C in Tree Rings: Separation of Production and Climate Effects. <i>Space Science Reviews</i> , 2013, 176, 343-349.	8.1	24
81	Measurement of ²³⁶ U on the 1 MV AMS system at the Centro Nacional de Aceleradores (CNA). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 358, 45-51.	1.4	24
82	Accelerator Mass Spectrometry of ¹²⁹ I towards its lower limits. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 445-449.	1.4	24
83	Timing of rockfalls in the Mont Blanc massif (Western Alps): evidence from surface exposure dating with cosmogenic ¹⁰ Be. <i>Landslides</i> , 2018, 15, 1991-2000.	5.4	24
84	Cosmogenic radionuclides reveal an extreme solar particle storm near a solar minimum 9125 years BP. <i>Nature Communications</i> , 2022, 13, 214.	12.8	24
85	Sequential Injection Approach for Simultaneous Determination of Ultratrace Plutonium and Neptunium in Urine with Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2013, 85, 8826-8833.	6.5	23
86	Soil formation and weathering in a permafrost environment of the Swiss Alps: a multi-parameter and non-steady-state approach. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 814-835.	2.5	23
87	Identifying slope processes over time and their imprint in soils of medium-high mountains of Central Europe (the Karkonosze Mountains, Poland). <i>Earth Surface Processes and Landforms</i> , 2018, 43, 1195-1212.	2.5	23
88	Tracking rockglacier evolution in the Eastern Alps from the Lateglacial to the early Holocene. <i>Quaternary Science Reviews</i> , 2020, 241, 106424.	3.0	23
89	Relating the spatial variability of chemical weathering and erosion to geological and topographical zones. <i>Geomorphology</i> , 2020, 363, 107235.	2.6	23
90	The Ticino-Toce glacier system (Swiss-Italian Alps) in the framework of the Alpine Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2022, 279, 107400.	3.0	23

#	ARTICLE	IF	CITATIONS
91	Palaeoclimate, glacier and treeline reconstruction based on geomorphic evidences in the Mongun-Taiga massif (south-eastern Russian Altai) during the Late Pleistocene and Holocene. <i>Quaternary International</i> , 2018, 470, 26-37.	1.5	22
92	Tracing water masses with ^{129}I and ^{236}U in the subpolar North Atlantic along the GEOTRACES GA01 section. <i>Biogeosciences</i> , 2018, 15, 5545-5564.	3.3	22
93	Quality assurance in accelerator mass spectrometry: Results from an international round-robin exercise for ^{10}Be . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 289, 68-73.	1.4	21
94	^{10}Be and ^{26}Al low-energy AMS using He-stripping and background suppression via an absorber. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2014, 331, 209-214.	1.4	21
95	Tectonic and lithological controls on denudation rates in the central Bolivian Andes. <i>Tectonophysics</i> , 2015, 657, 230-244.	2.2	21
96	Laser Ablation ^{14}C Accelerator Mass Spectrometry: An Approach for Rapid Radiocarbon Analyses of Carbonate Archives at High Spatial Resolution. <i>Analytical Chemistry</i> , 2016, 88, 8570-8576.	6.5	21
97	Climate and relief-induced controls on the temporal variability of denudation rates in a granitic upland. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2570-2586.	2.5	21
98	Proof-of-principle of a compact 300 kV multi-isotope AMS facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 439, 84-89.	1.4	21
99	Timing and flow pattern of the Orta Glacier (European Alps) during the Last Glacial Maximum. <i>Boreas</i> , 2020, 49, 315-332.	2.4	21
100	Tree-rings reveal two strong solar proton events in 7176 and 5259 BCE. <i>Nature Communications</i> , 2022, 13, 1196.	12.8	21
101	Landslide deposits as stratigraphical markers for a sequence-based glacial stratigraphy: a case study of a Younger Dryas system in the Eastern Alps. <i>Boreas</i> , 2016, 45, 537-551.	2.4	20
102	Spatial and temporal variations in denudation rates derived from cosmogenic nuclides in four European fluvial terrace sequences. <i>Geomorphology</i> , 2016, 274, 180-192.	2.6	20
103	Long-term soil erosion derived from in-situ ^{10}Be and inventories of meteoric ^{10}Be in deeply weathered soils in southern Brazil. <i>Chemical Geology</i> , 2017, 466, 380-388.	3.3	20
104	Circulation timescales of Atlantic Water in the Arctic Ocean determined from anthropogenic radionuclides. <i>Ocean Science</i> , 2021, 17, 111-129.	3.4	20
105	Boron suppression with a gas ionization chamber at very low energies ($E < 1\text{MeV}$). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 843-846.	1.4	19
106	COSMOGENIC ^{21}Ne AND ^{10}Be REVEAL A MORE THAN 2 Ma ALLUVIAL FAN FLANKING THE CAPE MOUNTAINS, SOUTH AFRICA. <i>South African Journal of Geology</i> , 2015, 118, 129-144.	1.2	19
107	The competition between coastal trace metal fluxes and oceanic mixing from the $^{10}\text{Be}/^{9}\text{Be}$ ratio: Implications for sedimentary records. <i>Geophysical Research Letters</i> , 2017, 44, 8443-8452.	4.0	19
108	Lateglacial retreat chronology of the Scandinavian Ice Sheet in Finnmark, northern Norway, reconstructed from surface exposure dating of major end moraines. <i>Quaternary Science Reviews</i> , 2017, 177, 130-144.	3.0	19

#	ARTICLE	IF	CITATIONS
109	Late Cenozoic cooling history of the central Menderes Massif: Timing of the $4\frac{1}{4}$ Menderes detachment and the relative contribution of normal faulting and erosion to rock exhumation. <i>Tectonophysics</i> , 2017, 717, 585-598.	2.2	19
110	Revised Quaternary glacial succession and post-LGM recession, southern Wind River Range, Wyoming, USA. <i>Quaternary Science Reviews</i> , 2018, 192, 167-184.	3.0	19
111	Timing of exotic, far-traveled boulder emplacement and paleo-outburst flooding in the central Himalayas. <i>Earth Surface Dynamics</i> , 2020, 8, 769-787.	2.4	19
112	In-phase millennial-scale glacier changes in the tropics and North Atlantic regions during the Holocene. <i>Nature Communications</i> , 2022, 13, 1419.	12.8	19
113	Determination of Atto- to Femtogram Levels of Americium and Curium Isotopes in Large-Volume Urine Samples by Compact Accelerator Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 2832-2837.	6.5	18
114	Double response of glaciers in the Upper Peio Valley (Rhaetian Alps, Italy) to the Younger Dryas climatic deterioration. <i>Boreas</i> , 2017, 46, 783-798.	2.4	18
115	Spatio-temporal dynamics of sediment transfer systems in landslide-prone Alpine catchments. <i>Solid Earth</i> , 2019, 10, 1489-1503.	2.8	18
116	Muted multidecadal climate variability in central Europe during cold stadial periods. <i>Nature Geoscience</i> , 2021, 14, 651-658.	12.9	18
117	$^{239,240}\text{Pu}$ and ^{236}U records of an ice core from the eastern Tien Shan (Central Asia). <i>Journal of Glaciology</i> , 2017, 63, 929-935.	2.2	17
118	Soil denudation rates in an old-growth mountain temperate forest driven by tree uprooting dynamics, Central Europe. <i>Land Degradation and Development</i> , 2020, 31, 222-239.	3.9	17
119	Cosmogenic in situ ^{14}C - ^{10}Be reveals abrupt Late Holocene soil loss in the Andean Altiplano. <i>Nature Communications</i> , 2021, 12, 2546.	12.8	17
120	Dynamics and legacy of 4.8 ka rock avalanche that dammed Zion Canyon, Utah, USA. <i>GSA Today</i> , 2016, 26, 4-9.	2.0	17
121	A simple conceptual model of abrupt glacial climate events. <i>Nonlinear Processes in Geophysics</i> , 2007, 14, 709-721.	1.3	16
122	The evolution of climatically driven weathering inputs into the western Arctic Ocean since the late Miocene: Radiogenic isotope evidence. <i>Earth and Planetary Science Letters</i> , 2015, 419, 111-124.	4.4	16
123	Environmental controls on ^{10}Be -based catchment-averaged denudation rates along the western margin of the Peruvian Andes. <i>Terra Nova</i> , 2017, 29, 282-293.	2.1	16
124	Lateglacial and Early Holocene glacier stages - New dating evidence from the Meiental in central Switzerland. <i>Geomorphology</i> , 2019, 340, 15-31.	2.6	16
125	Glaciation's topographic control on Holocene erosion at the eastern edge of the Alps. <i>Earth Surface Dynamics</i> , 2016, 4, 895-909.	2.4	15
126	Late Pleistocene "Holocene surface processes and landscape evolution in the central Swiss Alps. <i>Geomorphology</i> , 2017, 295, 306-322.	2.6	15

#	ARTICLE	IF	CITATIONS
127	U ¹⁰ and ⁹ Be constraints on sediment recycling in proglacial settings, Lago Buenos Aires, Patagonia. <i>Earth Surface Dynamics</i> , 2018, 6, 121-140.	2.4	15
128	Distribution of ²³⁶ U in the U.S. GEOTRACES Eastern Pacific Zonal Transect and its use as a water mass tracer. <i>Chemical Geology</i> , 2019, 517, 44-57.	3.3	15
129	Last Lateglacial glacier advance in the Gran Paradiso Group reveals relatively drier climatic conditions established in the Western Alps since at least the Younger Dryas. <i>Quaternary Science Reviews</i> , 2021, 255, 106815.	3.0	15
130	Drainage basin dynamics during the transition from early to mature orogeny in Southern Taiwan. <i>Earth and Planetary Science Letters</i> , 2021, 562, 116874.	4.4	15
131	Denudation rates of small transient catchments controlled by former glaciation: The HÄ¶rnli nunatak in the northeastern Swiss Alpine Foreland. <i>Quaternary Geochronology</i> , 2014, 19, 135-147.	1.4	14
132	Probing the Kinetic Parameters of Plutoniumâ€“Naturally Occurring Organic Matter Interactions in Freshwaters Using the Diffusive Gradients in Thin Films Technique. <i>Environmental Science & Technology</i> , 2016, 50, 5103-5110.	10.0	14
133	Millennial scale variability of denudation rates for the last 15 kyr inferred from the detrital ¹⁰ Be record of Lake Stappitz in the Hohe Tauern massif, Austrian Alps. <i>Holocene</i> , 2017, 27, 1914-1927.	1.7	14
134	¹⁰ Be-inferred paleo-denudation rates imply that the mid-Miocene western central Andes eroded as slowly as today. <i>Scientific Reports</i> , 2018, 8, 2299.	3.3	14
135	¹⁰ Be surface exposure dating of the last deglaciation in the Aare Valley, Switzerland. <i>Swiss Journal of Geosciences</i> , 2018, 111, 295-303.	1.2	14
136	Presence of ²³⁶ U and ^{239,240} Pu in soils from Southern Hemisphere. <i>Journal of Environmental Radioactivity</i> , 2018, 192, 478-484.	1.7	14
137	The impact of storm-triggered landslides on sediment dynamics and catchment-wide denudation rates in the southern Central Range of Taiwan following the extreme rainfall event of Typhoon Morakot. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 548-564.	2.5	14
138	¹⁰ Be/ ⁹ Be Ratios Reveal Marine Authigenic Clay Formation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086061.	4.0	14
139	²³¹ Pa/ ²³⁰ Th: A proxy for upwelling off the coast of West Africa. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 1159-1162.	1.4	13
140	Beryllium isotopes as tracers of Lake Lisan (last Glacial Dead Sea) hydrology and the Laschamp geomagnetic excursion. <i>Earth and Planetary Science Letters</i> , 2014, 400, 233-242.	4.4	13
141	Constant denudation rates in a high alpine catchment for the last 6 kyrs. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1065-1077.	2.5	13
142	Holocene evolution of the Triftje- and the Oberseegletscher (Swiss Alps) constrained with ¹⁰ Be exposure and radiocarbon dating. <i>Swiss Journal of Geosciences</i> , 2018, 111, 117-131.	1.2	13
143	Regional-scale abrupt Mid-Holocene ice sheet thinning in the western Ross Sea, Antarctica. <i>Geology</i> , 2021, 49, 278-282.	4.4	13
144	Deciphering the evolution of the Bleis Marscha rock glacier (Val d'Err, eastern Switzerland) with cosmogenic nuclide exposure dating, aerial image correlation, and finite element modeling. <i>Cryosphere</i> , 2021, 15, 2057-2081.	3.9	13

#	ARTICLE	IF	CITATIONS
145	Are Compact AMS Facilities a Competitive Alternative to Larger Tandem Accelerators?. <i>Radiocarbon</i> , 2010, 52, 319-330.	1.8	12
146	Cosmogenic ³⁶ Cl in karst waters from Bunker Cave North Western Germany – A tool to derive local evapotranspiration?. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 86, 138-149.	3.9	12
147	¹⁰ Be in lacustrine sediments – A record of solar activity?. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 2012, 80, 92-99.	1.6	12
148	Subglacial abrasion rates at Goldbergkees, Hohe Tauern, Austria, determined from cosmogenic ¹⁰ Be and ³⁶ Cl concentrations. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 1119-1131.	2.5	12
149	Bayesian inversion of a CRN depth profile to infer Quaternary erosion of the northwestern Campine Plateau (NE Belgium). <i>Earth Surface Dynamics</i> , 2017, 5, 331-345.	2.4	12
150	Laser ablation – accelerator mass spectrometry reveals complete bomb ¹⁴ C signal in an otolith with confirmation of 60-year longevity for red snapper (<i>Lutjanus campechanus</i>). <i>Marine and Freshwater Research</i> , 2019, 70, 1768.	1.3	12
151	Chemical Versus Mechanical Denudation in Meta – Clastic and Carbonate Bedrock Catchments on Crete, Greece, and Mechanisms for Steep and High Carbonate Topography. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 2943-2961.	2.8	12
152	Changes in landscape evolution patterns in the northern Swiss Alpine Foreland during the mid-Pleistocene revolution. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 2056-2078.	3.3	12
153	Tracing erosion rates in loess landscape of the Trzebnica Hills (Poland) over time using fallout and cosmogenic nuclides. <i>Journal of Soils and Sediments</i> , 2021, 21, 2952.	3.0	12
154	On the measurement of ¹⁰ Be on the 1MV compact AMS system at the Centro Nacional de Aceleradores (Spain). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 733-735.	1.4	11
155	Correlation of fluvial terraces and temporal steady-state incision on the onshore Makran accretionary wedge in southeastern Iran: Insight from channel profiles and ¹⁰ Be exposure dating of strath terraces. <i>Bulletin of the Geological Society of America</i> , 2015, 127, 560-583.	3.3	11
156	Exposure dating of a pronounced glacier advance at the onset of the late-Holocene in the central Tyrolean Alps. <i>Holocene</i> , 2017, 27, 1350-1358.	1.7	11
157	Continuous 25-yr aerosol records at coastal Antarctica Part 2: variability of the radionuclides ⁷ Be, ¹⁰ Be and ²¹⁰ Pb. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2011, 63, .	1.6	11
158	The role of frost cracking in local denudation of steep Alpine rockwalls over millennia (Eiger, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 T	2.4	11
159	Carrier-free measurements of natural ¹⁰ Be/ ⁹ Be ratios at low energies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2010, 268, 726-729.	1.4	10
160	Variations in the depositional fluxes of cosmogenic beryllium on short time scales. <i>Atmospheric Environment</i> , 2011, 45, 2836-2841.	4.1	10
161	Existence of triply charged actinide-hydride molecules. <i>Physical Review A</i> , 2012, 85, .	2.5	10
162	²⁶ Al measurements below 500 kV in charge state 2+. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 257-262.	1.4	10

#	ARTICLE	IF	CITATIONS
163	Simulating ice core ^{10}Be on the glacial-interglacial timescale. <i>Climate of the Past</i> , 2015, 11, 115-133.	3.4	10
164	Novel Laser Ablation Sampling Device for the Rapid Radiocarbon Analysis of Carbonate Samples by Accelerator Mass Spectrometry. <i>Radiocarbon</i> , 2016, 58, 419-435.	1.8	10
165	Effective separation of Am(III) and Cm(III) using a DGA resin via the selective oxidation of Am(III) to Am(V). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 321, 227-233.	1.5	10
166	The ^{10}Be deglaciation chronology of the GÅrschenertal, central Swiss Alps, and new insights into the GÅrschenen Cold Phases. <i>Boreas</i> , 2019, 48, 867-878.	2.4	10
167	Electron spin resonance (ESR), optically stimulated luminescence (OSL) and terrestrial cosmogenic radionuclide (TCN) dating of quartz from a Plio-Pleistocene sandy formation in the Campine area, NE Belgium. <i>Quaternary International</i> , 2020, 556, 144-158.	1.5	10
168	The Potential of $^{233}\text{U}/^{236}\text{U}$ as a Water Mass Tracer in the Arctic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	10
169	Direct coupling of a laser ablation cell to an AMS. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 287-290.	1.4	9
170	Carrier free $^{10}\text{Be}/^{9}\text{Be}$ measurements with low-energy AMS: Determination of sedimentation rates in the Arctic Ocean. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2013, 294, 67-71.	1.4	9
171	Minor inheritance inhibits the calibration of the ^{10}Be production rate from the AD 1717 Val Ferret rock avalanche, European Alps. <i>Journal of Quaternary Science</i> , 2014, 29, 318-328.	2.1	9
172	Charge state distributions and charge exchange cross sections of carbon in helium at 30-258 keV. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 541-547.	1.4	8
173	Preparation of a multi-isotope plutonium AMS standard and preliminary results of a first inter-lab comparison. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 327-331.	1.4	8
174	Optimizing the analyte introduction for ^{14}C laser ablation-AMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1813-1819.	3.0	8
175	Chronology of alluvial terrace sediment accumulation and incision in the Pativilca Valley, western Peruvian Andes. <i>Geomorphology</i> , 2018, 315, 45-56.	2.6	8
176	Differential erosion and sediment fluxes in the Landquart basin and possible relationships to lithology and tectonic controls. <i>Swiss Journal of Geosciences</i> , 2019, 112, 453-473.	1.2	8
177	Postglacial to Holocene landscape evolution and process rates in steep alpine catchments. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 242-258.	2.5	8
178	Fluvial dynamics and ^{14}C - ^{10}Be disequilibrium on the Bolivian Altiplano. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 766-780.	2.5	8
179	Geodynamic importance of the strike-slip faults at the eastern part of the Anatolian Scholle: Inferences from the uplift and slip rate of the Malatya Fault (Malatya-OvacÅk Fault Zone, eastern) Tj ETQq1 1 0.7843 14 rgB3 /Overlock		
180	Integrated multi-temporal analysis of the displacement behaviour and morphology of a deep-seated compound landslide (Cerentino, Switzerland). <i>Engineering Geology</i> , 2020, 270, 105577.	6.3	8

#	ARTICLE	IF	CITATIONS
181	236U, 237Np and 239,240Pu as complementary fingerprints of radioactive effluents in the western Mediterranean Sea and in the Canada Basin (Arctic Ocean). <i>Science of the Total Environment</i> , 2021, 765, 142741.	8.0	8
182	Glacial erosion by the Trift glacier (Switzerland): Deciphering the development of riegels, rock basins and gorges. <i>Geomorphology</i> , 2021, 375, 107533.	2.6	8
183	Retreat of the Great Escarpment of Madagascar From Geomorphic Analysis and Cosmogenic ¹⁰ Be Concentrations. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009979.	2.5	8
184	Mid-Holocene thinning of David Glacier, Antarctica: chronology and controls. <i>Cryosphere</i> , 2021, 15, 5447-5471.	3.9	8
185	⁴¹ Ca, ¹⁴ C and ¹⁰ Be concentrations in coral sand from the Bikini atoll. <i>Journal of Environmental Radioactivity</i> , 2014, 129, 68-72.	1.7	7
186	Constraints on Water Reservoir Lifetimes From Catchment-Wide ¹⁰ Be Erosion Rates—A Case Study From Western Turkey. <i>Water Resources Research</i> , 2017, 53, 9206-9224.	4.2	7
187	Development of a multi-method chronology spanning the Last Glacial Interval from Orakei maar lake, Auckland, New Zealand. <i>Geochronology</i> , 2020, 2, 367-410.	2.5	7
188	Authigenic Be as a tool to date river terrace sediments? An example from a Late Miocene hominid locality in Bulgaria. <i>Quaternary Geochronology</i> , 2015, 29, 6-15.	1.4	6
189	Simulation of ion beam scattering in a gas stripper. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 237-244.	1.4	6
190	ColPuS, a new multi-isotope plutonium standard for Accelerator Mass Spectrometry. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 438, 189-192.	1.4	6
191	A novel chronometry technique for dating irradiated uranium fuels using Cm isotopic ratios. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1611-1620.	1.5	6
192	Spatial patterns of erosion and landscape evolution in a bivergent metamorphic core complex revealed by cosmogenic ¹⁰ Be: The central Menderes Massif (western Turkey)., 2019, 15, 1846-1868.		6
193	Short-time (< 10 ka) denudation rates as a marker of active folding in the Zagros Fold Belt (Iran). <i>Terra Nova</i> , 2019, 31, 111-119.	2.1	6
194	Local and global trace plutonium contributions in fast breeder legacy soils. <i>Nature Communications</i> , 2021, 12, 1381.	12.8	6
195	The potential for a continuous ¹⁰ Be record measured on ice chips from a borehole. <i>Results in Geochemistry</i> , 2021, 5, 100012.	0.8	6
196	Age of the Most Extensive Glaciation in the Alps. <i>Geosciences (Switzerland)</i> , 2022, 12, 39.	2.2	6
197	Direct search for primordial ²⁴⁴ Pu in Bayan Obo bastnaesite. <i>Chinese Chemical Letters</i> , 2022, 33, 3522-3526.	9.0	6
198	Sensitivity and response of beryllium-10 in marine sediments to rapid production changes (geomagnetic) Tj ETQq0,0 0 rgBT ₅ /Overlock	2.5	5

#	ARTICLE	IF	CITATIONS
199	New Be-cathode preparation method for the ETH 6MV Tandem. Nuclear Instruments & Methods in Physics Research B, 2013, 294, 199-202.	1.4	5
200	Speciation and Bioavailability Measurements of Environmental Plutonium Using Diffusion in Thin Films. Journal of Visualized Experiments, 2015, , e53188.	0.3	5
201	Glaciation history of Queen Maud Land (Antarctica) – New exposure data from nunataks. Nuclear Instruments & Methods in Physics Research B, 2015, 361, 599-603.	1.4	5
202	Evidence of plutonium bioavailability in pristine freshwaters of a karst system of the Swiss Jura Mountains. Geochimica Et Cosmochimica Acta, 2017, 206, 30-39.	3.9	5
203	Possible climatic controls on the accumulation of Peru's most prominent alluvial fan: The Lima Conglomerate. Earth Surface Processes and Landforms, 2019, 44, 991-1003.	2.5	5
204	Unravelling Quasi-Continuous 14C Profiles by Laser Ablation AMS. Radiocarbon, 2020, 62, 453-465.	1.8	5
205	Quaternary landscape evolution in the Western Argentine Precordillera constrained by 10Be cosmogenic dating. Geomorphology, 2022, 396, 107984.	2.6	5
206	Scavenged 239Pu, 240Pu, and 241Am from snowfalls in the atmosphere settling on Mt. Zugspitze in 2014, 2015 and 2016. Scientific Reports, 2017, 7, 11848.	3.3	4
207	Lagged atmospheric circulation response in the Black Sea region to Greenland Interstadial 10. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28649-28654.	7.1	4
208	Build-up and chronology of blue ice moraines in Queen Maud Land, Antarctica. Quaternary Science Advances, 2020, 2, 100012.	1.9	4
209	Impact of nuclear fuel reprocessing on the temporal evolution of marine radiocarbon. Science of the Total Environment, 2020, 738, 139700.	8.0	4
210	Ultrasensitive Analytical Method for Direct Search of Primordial 244Pu in Bastnaesite. ACS Earth and Space Chemistry, 2021, 5, 1316-1324.	2.7	4
211	Quaternary landscape evolution of patagonia at the Chilean Triple Junction: Climate and tectonic forcings. Quaternary Science Reviews, 2021, 261, 106960.	3.0	4
212	²³⁶ U/ ²³⁸ U Analysis of Femtograms of ²³⁶ U by MC-ICPMS. Analytical Chemistry, 2021, 93, 8442-8449.	6.5	4
213	Complex patterns of schist tor exposure and surface uplift, Otago (New Zealand). Geomorphology, 2021, 389, 107849.	2.6	4
214	Piecing together the Lateglacial advance phases of the Reussgletscher (central Swiss Alps). Geographica Helvetica, 2018, 73, 241-252.	0.8	4
215	Source to sink analysis of weathering fluxes in Lake Baikal and its watershed based on riverine fluxes, elemental lake budgets, REE patterns, and radiogenic (Nd, Sr) and 10Be/9Be isotopes. Geochimica Et Cosmochimica Acta, 2022, 321, 133-154.	3.9	4
216	Passive Sampling Tool for Actinides in Spent Nuclear Fuel Pools. ACS Omega, 2022, 7, 20053-20058.	3.5	4

#	ARTICLE	IF	CITATIONS
217	Rapid Revelation of Radiocarbon Records with Laser Ablation Accelerator Mass Spectrometry. <i>Chimia</i> , 2014, 68, 215.	0.6	3
218	^{10}Be depth profiles in glacial sediments on the Swiss Plateau: deposition age, denudation and (pseudo-) inheritance. <i>E&G Quaternary Science Journal</i> , 2017, 66, 57-68.	0.7	3
219	De-icing landsystem model for the Universidad Glacier (34° S) in the Central Andes of Chile during the past ~660 years. <i>Geomorphology</i> , 2022, 400, 108096.	2.6	3
220	Reconstructing the depositional history of Pleistocene fluvial deposits based on grain size, elemental geochemistry and in-situ ^{10}Be data. <i>Geomorphology</i> , 2022, 402, 108127.	2.6	3
221	Contrasting soil dynamics in a formerly glaciated and non-glaciated Mediterranean mountain plateau (Serra da Estrela, Portugal). <i>Catena</i> , 2022, 215, 106314.	5.0	3
222	Bioavailable actinide fluxes to the Irish Sea from Sellafield-labelled sediments. <i>Water Research</i> , 2022, 221, 118838.	11.3	3
223	Evaluating debris flow and anthropogenic disturbance on ^{10}Be concentration in mountain drainage basins: implications for functional connectivity and denudation rates across time scales. <i>Earth Surface Processes and Landforms</i> , 2020, 45, 3955-3974.	2.5	2
224	Cosmogenic and Geological Evidence for the Occurrence of a Ma-Long Feedback between Uplift and Denudation, Chur Region, Swiss Alps. <i>Geosciences (Switzerland)</i> , 2021, 11, 339.	2.2	2
225	^{10}Be and ^{14}C data provide insight on soil mass redistribution along gentle slopes and reveal ancient human impact. <i>Journal of Soils and Sediments</i> , 2021, 21, 3770-3788.	3.0	2
226	Initial tests of ^{26}Al fluoride target matrix on MILEA AMS system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2021, 503, 45-52.	1.4	2
227	Calibrating a long-term meteoric ^{10}Be delivery rate into eroding western US glacial deposits by comparing meteoric and in situ produced ^{10}Be depth profiles. <i>Geochronology</i> , 2020, 2, 411-423.	2.5	2
228	A record of ^{241}Am , ^{236}U , ^{238}U , ^{239}Pu , ^{240}Pu , ^{134}Cs and ^{137}Cs in surface seawater and ^{241}Am in aerosols shortly after the FDNPP incident occurred. <i>Geochemical Journal</i> , 2021, 55, 33-38.	1.0	2
229	Further improvement for ^{10}Be measurement on an upgraded compact AMS radiocarbon facility. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 361, 178-182.	1.4	1
230	A Comparison of ^{239}Pu -ray Spectroscopy with Accelerator Mass Spectrometry for the Environmental Assay of Plutonium. , 2018, , .		1
231	^{10}Be surface exposure dating reveals unexpected high deformation rates in the central Andean wedge interior. <i>Terra Nova</i> , 2021, 33, 30-45.	2.1	1
232	Rapid post-glacial bedrock weathering in coastal Norway. <i>Geomorphology</i> , 2022, 397, 108003.	2.6	1
233	Reconsidering the origin of the Sedrun fans (Graubünden, Switzerland). <i>E&G Quaternary Science Journal</i> , 2018, 67, 17-23.	0.7	1
234	Early Pleistocene complex cut-and-fill sequences in the Alps. <i>Swiss Journal of Geosciences</i> , 2022, 115, .	1.2	1

#	ARTICLE	IF	CITATIONS
235	Spatio-temporal variability and controlling factors for postglacial denudation rates in the Dora Baltea catchment (western Italian Alps). <i>Earth Surface Dynamics</i> , 2022, 10, 493-512.	2.4	1
236	Landscape evolution, post-LGM surface denudation and soil weathering processes from Dickinson Park mire, Wind River Range, Wyoming (USA). <i>Geomorphology</i> , 2020, 371, 107433.	2.6	0
237	Transformation of high-relief canyon topography by an ancient rock avalanche, Hop Valley, Zion National Park, Utah, USA. <i>Holocene</i> , 2021, 31, 720-731.	1.7	0
238	Advance in the Mapping of the 1717 AD Triolet Rock Avalanche Deposit (Mont Blanc Massif, Italy) Using Cosmogenic Exposure Dating. , 2013, , 185-189.		0
239	ULTRA-TRACE DETERMINATION OF NEPTUNIUM-237 AND PLUTONIUM ISOTOPES IN URINE SAMPLES BY COMPACT ACCELERATOR MASS SPECTROMETRY. <i>AECL Nuclear Review</i> , 2015, 4, 125-130.	0.1	0
240	NEW ¹⁰ BE EXPOSURE AGES FOR PLEISTOCENE GLACIAL STRATIGRAPHY, SOUTHERN WIND RIVER RANGE, WYOMING, USA. , 2017, , .		0
241	Delayed Western Gotland Basin (Baltic Sea) ventilation in response to the onset of a Mid-Holocene climate oscillation. <i>Quaternary Science Reviews</i> , 2021, 273, 107253.	3.0	0