Marc Caffee

List of Publications by Year
in descending order

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243 papers	15,168 citations	19608 61 h-index	21474 114 g-index
250 all docs	250 docs citations	250 times ranked	9322 citing authors

#	Article	IF	Citations
1	Absolute calibration of 10Be AMS standards. Nuclear Instruments & Methods in Physics Research B, 2007, 258, 403-413.	0.6	1,193
2	Timing and climate forcing of volcanic eruptions for the past 2,500 years. Nature, 2015, 523, 543-549.	13.7	824
3	Geological calibration of spallation production rates in the CRONUS-Earth project. Quaternary Geochronology, 2016, 31, 188-198.	0.6	503
4	Deglaciation of Fennoscandia. Quaternary Science Reviews, 2016, 147, 91-121.	1.4	447
5	Uniform postglacial slip-rate along the central 600â€ƒkm of the Kunlun Fault (Tibet), from 26Al, 10Be, and 14C dating of riser offsets, and climatic origin of the regional morphology. Geophysical Journal International, 2002, 148, 356-388.	1.0	359
6	Too young or too old: Evaluating cosmogenic exposure dating based on an analysis of compiled boulder exposure ages. Earth and Planetary Science Letters, 2011, 302, 71-80.	1.8	337
7	Climatic and topographic controls on the style and timing of Late Quaternary glaciation throughout Tibet and the Himalaya defined by 10Be cosmogenic radionuclide surface exposure dating. Quaternary Science Reviews, 2005, 24, 1391-1411.	1.4	289
8	A note on the extent of glaciation throughout the Himalaya during the global Last Glacial Maximum. Quaternary Science Reviews, 2002, 21, 147-157.	1.4	271
9	Slow Rates of Rock Surface Erosion and Sediment Production across the Namib Desert and Escarpment, Southern Africa. Numerische Mathematik, 2001, 301, 326-358.	0.7	243
10	Mid-Pleistocene cosmogenic minimum-age limits for pre-Wisconsinan glacial surfaces in southwestern Minnesota and southern Baffin Island: a multiple nuclide approach. Geomorphology, 1999, 27, 25-39.	1.1	236
11	Holocene Deglaciation of Marie Byrd Land, West Antarctica. Science, 2003, 299, 99-102.	6.0	232
12	Quaternary glaciation of the Himalayanâ€“Tibetan orogen. Journal of Quaternary Science, 2008, 23, 513-531.	1.1	207
13	Lower Pliocene Hominid Remains from Sterkfontein. Science, 2003, 300, 607-612.	6.0	205
14	Nature and timing of large landslides in the Himalaya and Transhimalaya of northern India. Quaternary Science Reviews, 2009, 28, 1037-1054.	1.4	199
15	Beryllium-10 dating of Mount Everest moraines indicates a strong monsoon influence and glacial synchroneity throughout the Himalaya. Geology, 2003, 31, 561.	2.0	195
16	Radar-Enabled Recovery of the Sutterâ€™s Mill Meteorite, a Carbonaceous Chondrite Regolith Breccia. Science, 2012, 338, 1583-1587.	6.0	191
17	Accelerator mass spectrometry in biomedical dosimetry: relationship between low-level exposure and covalent binding of heterocyclic amine carcinogens to DNA.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 5288-5292.	3.3	186
18	Quantification of soil production and downslope creep rates from cosmogenic 10Be accumulations on a hillslope profile. Geology, 1993, 21, 343.	2.0	184

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19	New cosmogenic burial ages for Sterkfontein Member 2 Australopithecus and Member 5 Oldowan. Nature, 2015, 522, 85-88.	13.7	180
20	Timing and climatic drivers for glaciation across semi-arid western Himalayanâ€“Tibetan orogen. Quaternary Science Reviews, 2013, 78, 188-208.	1.4	171
21	Timing of multiple late Quaternary glaciations in the Hunza Valley, Karakoram Mountains, northern Pakistan: Defined by cosmogenic radionuclide dating of moraines. Bulletin of the Geological Society of America, 2002, 114, 593-604.	1.6	167
22	Rapid slip along the central Altyn Tagh Fault: Morphochronologic evidence from Cherchen He and Sulamu Tagh. Journal of Geophysical Research, 2004, 109, .	3.3	165
23	Cosmogenic exposure dating of late Pleistocene moraine stabilization in Alaska. Bulletin of the Geological Society of America, 2005, 117, 1108.	1.6	163
24	Uniform slip-rate along the Kunlun Fault: Implications for seismic behaviour and large-scale tectonics. Geophysical Research Letters, 2000, 27, 2353-2356.	1.5	161
25	The Aksay segment of the northern Altyn Tagh fault: Tectonic geomorphology, landscape evolution, and Holocene slip rate. Journal of Geophysical Research, 2005, 110, .	3.3	161
26	Terrestrial cosmogenic nuclide surface exposure dating of the oldest glacial successions in the Himalayan orogen: Ladakh Range, northern India. Bulletin of the Geological Society of America, 2006, 118, 383-392.	1.6	160
27	Cosmogenic radionuclide dating of glacial landforms in the Lahul Himalaya, northern India: defining the timing of Late Quaternary glaciation. Journal of Quaternary Science, 2001, 16, 555-563.	1.1	144
28	Fast late Pleistocene slip rate on the Leng Long Ling segment of the Haiyuan fault, Qinghai, China. Journal of Geophysical Research, 2002, 107, ETG 4-1-ETG 4-15.	3.3	143
29	Timing and style of Late Quaternary glaciation in northeastern Tibet. Bulletin of the Geological Society of America, 2003, 115, 1356.	1.6	143
30	Cosmogenic exposure and erosion history of Australian bedrock landforms. Bulletin of the Geological Society of America, 2002, 114, 787-803.	1.6	141
31	The CRONUS-Earth Project: A synthesis. Quaternary Geochronology, 2016, 31, 119-154.	0.6	138
32	The WAIS Divide deep ice core WD2014 chronology â€“ Part 2: Annual-layer counting (0â€“31â€¯kaâ€¯BP). Climate of the Past, 2016, 12, 769-786.	1.3	137
33	Timing and climatic drivers for glaciation across monsoon-influenced regions of the Himalayanâ€“Tibetan orogen. Quaternary Science Reviews, 2014, 88, 159-182.	1.4	135
34	CRONUS-Earth cosmogenic 36Cl calibration. Quaternary Geochronology, 2016, 31, 199-219.	0.6	135
35	Cosmogenic nuclide chronology of pre-last glacial maximum moraines at Lago Buenos Aires, 46ï¿½S, Argentina. Quaternary Research, 2005, 63, 301-315.	1.0	116
36	Primordial Noble Gases from Earth's Mantle: Identification of a Primitive Volatile Component. Science, 1999, 285, 2115-2118.	6.0	110

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37	Final Laurentide ice-sheet deglaciation and Holocene climate-sea level change. Quaternary Science Reviews, 2016, 152, 49-59.	1.4	110
38	Greenland was nearly ice-free for extended periods during the Pleistocene. Nature, 2016, 540, 252-255.	13.7	95
39	Cosmogenic Ages for Earthquake Recurrence Intervals and Debris Flow Fan Deposition, Owens Valley, California. Science, 1995, 270, 447-450.	6.0	93
40	Towards defining the transition in style and timing of Quaternary glaciation between the monsoon-influenced Greater Himalaya and the semi-arid Transhimalaya of Northern India. Quaternary International, 2011, 236, 21-33.	0.7	93
41	Quaternary glaciation in the Nubra and Shyok valley confluence, northernmost Ladakh, India. Quaternary Research, 2010, 74, 132-144.	1.0	84
42	Displacement history of a limestone normal fault scarp, northern Israel, from cosmogenic36Cl. Journal of Geophysical Research, 2001, 106, 4247-4264.	3.3	83
43	Using 10Be and 26Al to determine sediment generation rates and identify sediment source areas in an arid region drainage basin. Geomorphology, 2002, 45, 89-104.	1.1	83
44	Retreat of the Western Cordilleran Ice Sheet Margin During the Last Deglaciation. Geophysical Research Letters, 2018, 45, 9710-9720.	1.5	81
45	Rates of Sediment Supply to Arroyos from Upland Erosion Determined Using in Situ Produced Cosmogenic 10Be and 26Al. Quaternary Research, 2001, 55, 235-245.	1.0	75
46	Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination. Science, 2017, 358, 781-784.	6.0	74
47	Variation in glacial erosion near the southern margin of the Laurentide Ice Sheet, south-central Wisconsin, USA: Implications for cosmogenic dating of glacial terrains. Bulletin of the Geological Society of America, 2002, 114, 1581-1591.	1.6	74
48	Cosmogenic 10Be and 26Al ages for the Last Glacial Maximum, eastern Baffin Island, Arctic Canada. Bulletin of the Geological Society of America, 2000, 112, 1296-1312.	1.6	73
49	Slip rates on the Fish Springs fault, Owens Valley, California, deduced from cosmogenic 10Be and 26Al and soil development on fan surfaces. Bulletin of the Geological Society of America, 2001, 113, 241-255.	1.6	73
50	Erosion history of the Tibetan Plateau since the last interglacial: constraints from the first studies of cosmogenic 10Be from Tibetan bedrock. Earth and Planetary Science Letters, 2004, 217, 33-42.	1.8	70
51	In situ cosmogenic nuclide production rate calibration for the CRONUS-Earth project from Lake Bonneville, Utah, shoreline features. Quaternary Geochronology, 2015, 26, 56-69.	0.6	70
52	Cosmogenic-nuclide ages for New England coastal moraines, Martha's Vineyard and Cape Cod, Massachusetts, USA. Quaternary Science Reviews, 2002, 21, 2127-2135.	1.4	68
53	Palaeoglaciology of Bayan Har Shan, NE Tibetan Plateau: exposure ages reveal a missing LGM expansion. Quaternary Science Reviews, 2011, 30, 1988-2001.	1.4	68
54	Quaternary glaciation of the Tashkurgan Valley, Southeast Pamir. Quaternary Science Reviews, 2012, 47, 56-72.	1.4	68

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55	Two billion years of magmatism recorded from a single Mars meteorite ejection site. Science Advances, 2017, 3, e1600922.	4.7	68
56	Timing and extent of Quaternary glaciations in the Tianger Range, eastern Tian Shan, China, investigated using 10Be surface exposure dating. Quaternary Science Reviews, 2014, 98, 7-23.	1.4	67
57	Opening of glacial Lake Agassizâ€™s eastern outlets by the start of the Younger Dryas cold period. Geology, 2018, 46, 155-158.	2.0	67
58	Final deglaciation of the Scandinavian Ice Sheet and implications for the Holocene global sea-level budget. Earth and Planetary Science Letters, 2016, 448, 34-41.	1.8	66
59	Timing of Late Quaternary glaciation along the southwestern slopes of the Qilian Shan, Tibet. Boreas, 2003, 32, 281-291.	1.2	65
60	Glacier readvance during the late glacial (Younger Dryas?) in the Ahklun Mountains, southwestern Alaska. Geology, 2002, 30, 679.	2.0	64
61	Southern Laurentide ice-sheet retreat synchronous with rising boreal summer insolation. Geology, 2015, 43, 23-26.	2.0	64
62	Rates and Timing of Earth Surface Processes From In Situ-Produced Cosmogenic Be-10. Reviews in Mineralogy and Geochemistry, 2002, 50, 147-205.	2.2	63
63	Quantifying sediment transport on desert piedmonts using 10Be and 26Al. Geomorphology, 2002, 45, 105-125.	1.1	61
64	Patagonian Glacier Response During the Late Glacialâ€“Holocene Transition. Science, 2008, 321, 392-395.	6.0	60
65	Estimating erosion rates and exposure ages with 36Cl produced by neutron activation. Geochimica Et Cosmochimica Acta, 1995, 59, 3779-3798.	1.6	59
66	Paleoglaciation of Shaluli Shan, southeastern Tibetan Plateau. Quaternary Science Reviews, 2013, 64, 121-135.	1.4	59
67	Fall, recovery, and characterization of the Novato L6 chondrite breccia. Meteoritics and Planetary Science, 2014, 49, 1388-1425.	0.7	59
68	Latest Pleistocene advance of alpine glaciers in the southwestern Uinta Mountains, Utah, USA: Evidence for the influence of local moisture sources. Geology, 2006, 34, 841.	2.0	58
69	The Northwest Africa 8159 martian meteorite: Expanding the martian sample suite to the early Amazonian. Geochimica Et Cosmochimica Acta, 2017, 218, 1-26.	1.6	58
70	Cosmicâ€ray exposure history of two Frontier Mountain Hâ€chondrite showers from spallation and neutronâ€capture products. Meteoritics and Planetary Science, 2001, 36, 301-317.	0.7	56
71	Late Quaternary slip rate gradient defined using highâ€resolution topography and ¹⁰Be dating of offset landforms on the southern San Jacinto Fault zone, California. Journal of Geophysical Research, 2010, 115, .	3.3	56
72	Cosmogenic analysis of glacial terrains in the eastern Canadian Arctic: a test for inherited nuclides and the effectiveness of glacial erosion. Annals of Glaciology, 1999, 28, 181-188.	2.8	55

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73	Quaternary alluvial-fan development, climate and morphologic dating of fault scarps in Laguna Salada, Baja California, Mexico. Geomorphology, 2008, 102, 578-594.	1.1	54
74	Asymmetrical erosion and morphological development of the central Ladakh Range, northern India. Geomorphology, 2011, 135, 167-180.	1.1	54
75	Latest Pleistocene glacial chronology of the Uinta Mountains: support for moisture-driven asynchrony of the last deglaciation. Quaternary Science Reviews, 2009, 28, 1171-1187.	1.4	53
76	Using cosmogenic nuclides to contrast rates of erosion and sediment yield in a semi-arid, arroyo-dominated landscape, Rio Puerco Basin, New Mexico. Earth Surface Processes and Landforms, 2005, 30, 935-953.	1.2	52
77	Chlorine-36 as a Tracer of Perchlorate Origin. Environmental Science & Technology, 2009, 43, 6934-6938.	4.6	52
78	A new Scandinavian reference 10Be production rate. Quaternary Geochronology, 2015, 29, 104-115.	0.6	52
79	Last glacial maximum climate inferences from cosmogenic dating and glacier modeling of the western Uinta ice field, Uinta Mountains, Utah. Quaternary Research, 2008, 69, 130-144.	1.0	51
80	Timing and nature of Holocene glacier advances at the northwestern end of the Himalayan-Tibetan orogen. Quaternary Science Reviews, 2018, 187, 177-202.	1.4	51
81	Provenance and time constraints on the formation of the first bend of the Yangtze River. Geochemistry, Geophysics, Geosystems, 2012, 13, .	1.0	50
82	Petrologic and textural diversity among the PCA 02 howardite group, one of the largest pieces of the Vestan surface. Meteoritics and Planetary Science, 2012, 47, 947-969.	0.7	50
83	Preliminary ¹⁰Be chronology for the last deglaciation of the western margin of the Greenland Ice Sheet. Journal of Quaternary Science, 2009, 24, 270-278.	1.1	47
84	Deep-water circulation changes lead North Atlantic climate during deglaciation. Nature Communications, 2019, 10, 1272.	5.8	47
85	Deglaciation of the Greenland and Laurentide ice sheets interrupted by glacier advance during abrupt coolings. Quaternary Science Reviews, 2020, 229, 106091.	1.4	47
86	Noble gases and cosmogenic radionuclides in the Gold Basin L4 chondrite shower: Thermal history, exposure history, and preâ€atmospheric size. Meteoritics and Planetary Science, 2003, 38, 157-173.	0.7	45
87	Episodic fluvial incision of rivers and rock uplift in the Himalaya and Transhimalaya. Journal of the Geological Society, 2011, 168, 783-804.	0.9	44
88	Cosmogenically enabled sediment budgeting. Geology, 2005, 33, 133.	2.0	43
89	Cosmogenic nuclide constraints on late Quaternary glacial chronology on the Dalijia Shan, northeastern Tibetan Plateau. Quaternary Research, 2013, 79, 439-451.	1.0	43
90	10Be surface exposure ages on the late-Pleistocene and Holocene history of LinnÃ©breen on Svalbard. Quaternary Science Reviews, 2014, 89, 5-12.	1.4	43

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91	Ice sheet erosion patterns in valley systems in northern Sweden investigated using cosmogenic nuclides. Earth Surface Processes and Landforms, 2005, 30, 1039-1049.	1.2	42
92	High-frequency Holocene glacier fluctuations in the Himalayan-Tibetan orogen. Quaternary Science Reviews, 2019, 220, 372-400.	1.4	42
93	Rapid last-deglacial thinning and retreat of the marine-terminating southwestern Greenland ice sheet. Earth and Planetary Science Letters, 2015, 426, 1-12.	1.8	41
94	Cosmogenic 10Be constraints on Little Ice Age glacial advances in the eastern Tian Shan, China. Quaternary Science Reviews, 2016, 138, 105-118.	1.4	41
95	Cosmogenic exposure ages of basalt flows: Lunar Crater volcanic field, Nevada. Geology, 1995, 23, 21.	2.0	40
96	Catastrophic partial drainage of Pangong Tso, northern India and Tibet. Geomorphology, 2011, 125, 109-121.	1.1	40
97	Nature and timing of large landslides within an active orogen, eastern Pamir, China. Geomorphology, 2013, 182, 49-65.	1.1	40
98	The role of mass movements on landscape evolution in the Central Karakoram: Discussion and speculation. Quaternary International, 2011, 236, 34-47.	0.7	39
99	Cosmogenic ²⁶Al/¹⁰Be surface production ratio in Greenland. Geophysical Research Letters, 2017, 44, 1350-1359.	1.5	39
100	Meteoritic event recorded in Antarctic ice. Geology, 1998, 26, 607.	2.0	38
101	Composition of the first bulk melt sample from a volcanic region of Mars: Queen Alexandra Range 94201. Meteoritics and Planetary Science, 2003, 38, 1833-1848.	0.7	38
102	Cosmogenic nuclides in Almahata Sitta ureilites: Cosmicâ€ray exposure age, preatmospheric mass, and bulk density of asteroid 2008 TC₃. Meteoritics and Planetary Science, 2010, 45, 1728-1742.	0.7	38
103	Complex patterns of glacier advances during the late glacial in the Chagan Uzun Valley, Russian Altai. Quaternary Science Reviews, 2016, 149, 288-305.	1.4	38
104	Late Pleistocene Cosmogenic 36Cl Glacial Chronology of the Southwestern Ahklun Mountains, Alaska. Quaternary Research, 2001, 56, 148-154.	1.0	37
105	Cosmogenic nuclide constraints on glacial chronology in the source area of the Urumqi River, Tian Shan, China. Journal of Quaternary Science, 2011, 26, 297-304.	1.1	37
106	10Be dating of boulders on moraines from the last glacial period in the Nyainqentanglha mountains, Tibet. Science China Earth Sciences, 2014, 57, 221-231.	2.3	36
107	Late Quaternary glaciation and equilibrium line altitude variations of the McKinley River region, central Alaska Range. Boreas, 2010, 39, 233-246.	1.2	35
108	Calibration of cosmogenic noble gas production in ordinary chondrites based on ³⁶Clâ€³⁶Ar ages. Part 1: Refined produced rates for cosmogenic ²¹Ne and ³⁸Ar. Meteoritics and Planetary Science, 2013, 48, 1841-1862.	0.7	35

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109	Timing and dynamics of glaciation in the Ikh Turgen Mountains, Altai region, High Asia. Quaternary Geochronology, 2018, 47, 54-71.	0.6	34
110	Terrestrial ages, pairing, and concentration mechanism of Antarctic chondrites from Frontier Mountain, Northern Victoria Land. Meteoritics and Planetary Science, 2006, 41, 1081-1094.	0.7	33
111	Importance of sampling across an assemblage of glacial landforms for interpreting cosmogenic ages of deglaciation. Quaternary Research, 2011, 76, 148-156.	1.0	33
112	Timing of the last glaciation and subsequent deglaciation in the Ruby Mountains, Great Basin, USA. Earth and Planetary Science Letters, 2013, 361, 16-25.	1.8	33
113	Exposure history of the Sutter's Mill carbonaceous chondrite. Meteoritics and Planetary Science, 2014, 49, 2056-2063.	0.7	33
114	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.	1.4	33
115	Exposure history of lunar meteorites Queen Alexandra Range 93069 and 94269. Meteoritics and Planetary Science, 1996, 31, 893-896.	0.7	32
116	Lateglacial and Holocene cosmogenic surface exposure age glacial chronology and geomorphological evidence for the presence of coldâ€based glaciers at Nevado Sajama, Bolivia. Journal of Quaternary Science, 2009, 24, 360-372.	1.1	32
117	Rates of basin-wide rockwall retreat in the K2 region of the Central Karakoram defined by terrestrial cosmogenic nuclide 10Be. Geomorphology, 2009, 107, 254-262.	1.1	32
118	Rate of late Quaternary iceâ€cap thinning on King George Island, South Shetland Islands, West Antarctica defined by cosmogenic ³⁶Cl surface exposure dating. Boreas, 2009, 38, 207-213.	1.2	31
119	Exhumation and incision history of the Lahul Himalaya, northern India, based on (Uâ€“Th)/He thermochronometry and terrestrial cosmogenic nuclide methods. Geomorphology, 2009, 107, 285-299.	1.1	31
120	Slip-rates along the Chaman fault: Implication for transient strain accumulation and strain partitioning along the western Indian plate margin. Tectonophysics, 2013, 608, 389-400.	0.9	31
121	Bedrock fracture density controls on hillslope erodibility in steep, rocky landscapes with patchy soil cover, southern California, USA. Earth and Planetary Science Letters, 2019, 522, 186-197.	1.8	31
122	Geomorphology, sedimentology and minimum exposure ages of streamlined subglacial landforms in the <scp>NW</scp> Himalaya, India. Boreas, 2016, 45, 284-303.	1.2	30
123	The SariÃ§iÃ§ek howardite fall in Turkey: Source crater of <scp>HED</scp> meteorites on Vesta and impact risk of Vestoids. Meteoritics and Planetary Science, 2019, 54, 953-1008.	0.7	30
124	Cosmogenic nuclides in the Brenham pallasite. Meteoritics and Planetary Science, 2002, 37, 1711-1728.	0.7	29
125	Berylliumâ€10 and aluminumâ€26 in individual cosmic spherules from Antarctica. Meteoritics, 1995, 30, 728-732.	1.5	28
126	Berylliumâ€10 surface exposure dating of glacial successions in the Central Alaska Range. Journal of Quaternary Science, 2010, 25, 1259-1269.	1.1	28

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127	Patterns of landscape evolution on the central and northern Tibetan Plateau investigated using in-situ produced 10Be concentrations from river sediments. Earth and Planetary Science Letters, 2014, 398, 77-89.	1.8	27
128	Beryllium-10 concentrations in the hyper-arid soils in the Atacama Desert, Chile: Implications for arid soil formation rates and El NiÃ±o driven changes in Pliocene precipitation. Geochimica Et Cosmochimica Acta, 2015, 160, 227-242.	1.6	27
129	No late Quaternary strike-slip motion along the northern Karakoram fault. Earth and Planetary Science Letters, 2015, 409, 290-298.	1.8	27
130	The timing and extent of Quaternary glaciation of Stok, northern Zanskar Range, Transhimalaya, of northern India. Geomorphology, 2017, 284, 142-155.	1.1	27
131	Cosmicâ€ray exposure ages of six chondritic Almahata Sitta fragments. Meteoritics and Planetary Science, 2017, 52, 2353-2374.	0.7	27
132	Minimal East Antarctic Ice Sheet retreat onto land during the past eight million years. Nature, 2018, 558, 284-287.	13.7	27
133	Progress in AMS Measurements at the LLNL Spectrometer. Radiocarbon, 1992, 34, 473-477.	0.8	26
134	Cosmogenic radionuclides in L5 and LL5 chondrites from Queen Alexandra Range, Antarctica: Identification of a large L/LL5 chondrite shower with a preatmospheric mass of approximately 50,000 kg. Meteoritics and Planetary Science, 2011, 46, 177-196.	0.7	26
135	Role of biological soil crusts in affecting soil evolution and salt geochemistry in hyper-arid Atacama Desert, Chile. Geoderma, 2017, 307, 54-64.	2.3	26
136	Quaternary glaciation of the Lato Massif, Zanskar Range of the NW Himalaya. Quaternary Science Reviews, 2018, 183, 140-156.	1.4	26
137	A multimillion-year-old record of Greenland vegetation and glacial history preserved in sediment beneath 1.4 km of ice at Camp Century. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	26
138	Beryllium-10 from the Sun. Science, 2001, 294, 352-354.	6.0	25
139	Palaeoglaciation of Bayan Har Shan, northeastern Tibetan Plateau: glacial geology indicates maximum extents limited to ice cap and ice field scales. Journal of Quaternary Science, 2009, 24, 710-727.	1.1	25
140	Late Pleistocene glacial fluctuations in Cordillera Oriental, subtropical Andes. Quaternary Science Reviews, 2017, 171, 245-259.	1.4	25
141	Persistent millennial-scale glacier fluctuations in Ireland between 24 ka and 10 ka. Geology, 2018, 46, 151-154.	2.0	25
142	Late Pleistocene glaciation and deglaciation in the Crestone Peaks area, Colorado Sangre de Cristo Mountains, USA â€“ chronology and paleoclimate. Quaternary Science Reviews, 2017, 158, 127-144.	1.4	24
143	¹⁰Be dating of late Pleistocene megafloods and Cordilleran Ice Sheet retreat in the northwestern United States. Geology, 2017, 45, 583-586.	2.0	24
144	Timing and nature of alluvial fan and strath terrace formation in the Eastern Precordillera of Argentina. Quaternary Science Reviews, 2013, 80, 143-168.	1.4	23

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145	10Be age constraints on latest Pleistocene and Holocene cirque glaciation across the western United States. Npj Climate and Atmospheric Science, 2019, 2, .	2.6	23
146	Very slow erosion rates and landscape preservation across the southwestern slope of the Ladakh Range, India. Earth Surface Processes and Landforms, 2015, 40, 389-402.	1.2	22
147	Annama H chondriteâ€"Mineralogy, physical properties, cosmic ray exposure, and parent body history. Meteoritics and Planetary Science, 2017, 52, 1525-1541.	0.7	22
148	Park Forest (L5) and the asteroidal source of shocked L chondrites. Meteoritics and Planetary Science, 2017, 52, 1561-1576.	0.7	22
149	Reâ€evaluation of MIS 3 glaciation using cosmogenic radionuclide and single grain luminescence ages, Kanas Valley, Chinese Altai. Journal of Quaternary Science, 2018, 33, 55-67.	1.1	21
150	The Creston, California, meteorite fall and the origin of L chondrites. Meteoritics and Planetary Science, 2019, 54, 699-720.	0.7	21
151	Late Cenozoic climate change paces landscape adjustments to Yukon River capture. Nature Geoscience, 2020, 13, 571-575.	5.4	21
152	The impact and recovery of asteroid 2018 LA. Meteoritics and Planetary Science, 2021, 56, 844-893.	0.7	21
153	The complex exposure history of the Jiddat al Harasis 073 Lâ€chondrite shower. Meteoritics and Planetary Science, 2008, 43, 1691-1708.	0.7	20
154	Cosmogenic dating of Late Pleistocene glaciation, southern tropical Andes, Peru. Journal of Quaternary Science, 2015, 30, 841-847.	1.1	19
155	Last Glacial Maximum cirque glaciation in Ireland and implications for reconstructions of the Irish Ice Sheet. Quaternary Science Reviews, 2016, 141, 85-93.	1.4	19
156	Apparent gibbsite growth ages for regolith in the Georgia Piedmont. Geochimica Et Cosmochimica Acta, 2001, 65, 381-386.	1.6	18
157	Timing of surficial process changes down a Mojave Desert piedmont. Quaternary Research, 2007, 68, 151-161.	1.0	18
158	SOLAR WIND IMPLANTATION MODEL FOR¹⁰Be IN CALCIUMâ€"ALUMINUM INCLUSIONS. Astrophysical Journal, 2010, 725, 443-449.	1.6	18
159	A noble gas and cosmogenic radionuclide analysis of two ordinary chondrites from Almahata Sitta. Meteoritics and Planetary Science, 2012, 47, 1075-1086.	0.7	18
160	Late Quaternary glacial chronology on Nevado Illimani, Bolivia, and the implications for paleoclimatic reconstructions across the Andes. Quaternary Research, 2011, 75, 1-10.	1.0	17
161	Termination II, Last Glacial Maximum, and Lateglacial chronologies and paleoclimate from Big Cottonwood Canyon, Wasatch Mountains, Utah. Bulletin of the Geological Society of America, 2018, 130, 1889-1902.	1.6	17
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