

Marc Caffee

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

242
papers

11,927
citations

54
h-index

102
g-index

250
ext. papers

13,444
ext. citations

5.5
avg, IF

6.14
L-index

#	Paper	IF	Citations
242	Absolute calibration of ^{10}Be AMS standards. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007 , 258, 403-413	1.2	999
241	Timing and climate forcing of volcanic eruptions for the past 2,500 years. <i>Nature</i> , 2015 , 523, 543-9	50.4	601
240	Geological calibration of spallation production rates in the CRONUS-Earth project. <i>Quaternary Geochronology</i> , 2016 , 31, 188-198	2.7	388
239	Deglaciation of Fennoscandia. <i>Quaternary Science Reviews</i> , 2016 , 147, 91-121	3.9	328
238	Uniform postglacial slip-rate along the central 600 km of the Kunlun Fault (Tibet), from ^{26}Al , ^{10}Be , and ^{14}C dating of riser offsets, and climatic origin of the regional morphology. <i>Geophysical Journal International</i> , 2002 , 148, 356-388	2.6	292
237	Too young or too old: Evaluating cosmogenic exposure dating based on an analysis of compiled boulder exposure ages. <i>Earth and Planetary Science Letters</i> , 2011 , 302, 71-80	5.3	273
236	Climatic and topographic controls on the style and timing of Late Quaternary glaciation throughout Tibet and the Himalaya defined by ^{10}Be cosmogenic radionuclide surface exposure dating. <i>Quaternary Science Reviews</i> , 2005 , 24, 1391-1411	3.9	249
235	A note on the extent of glaciation throughout the Himalaya during the global Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2002 , 21, 147-157	3.9	230
234	Slow Rates of Rock Surface Erosion and Sediment Production across the Namib Desert and Escarpment, Southern Africa. <i>Numerische Mathematik</i> , 2001 , 301, 326-358	5.3	208
233	Holocene deglaciation of Marie Byrd Land, West Antarctica. <i>Science</i> , 2003 , 299, 99-102	33.3	200
232	Mid-Pleistocene cosmogenic minimum-age limits for pre-Wisconsinan glacial surfaces in southwestern Minnesota and southern Baffin Island: a multiple nuclide approach. <i>Geomorphology</i> , 1999 , 27, 25-39	4.3	200
231	Quaternary glaciation of the Himalayan-Tibetan orogen. <i>Journal of Quaternary Science</i> , 2008 , 23, 513-531	12.3	181
230	Lower Pliocene hominid remains from Sterkfontein. <i>Science</i> , 2003 , 300, 607-12	33.3	172
229	Accelerator mass spectrometry in biomedical dosimetry: relationship between low-level exposure and covalent binding of heterocyclic amine carcinogens to DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 5288-92	11.5	170
228	Quantification of soil production and downslope creep rates from cosmogenic ^{10}Be accumulations on a hillslope profile. <i>Geology</i> , 1993 , 21, 343	5	167
227	Nature and timing of large landslides in the Himalaya and Transhimalaya of northern India. <i>Quaternary Science Reviews</i> , 2009 , 28, 1037-1054	3.9	165
226	Radar-enabled recovery of the Sutter's Mill meteorite, a carbonaceous chondrite regolith breccia. <i>Science</i> , 2012 , 338, 1583-7	33.3	159

225	Beryllium-10 dating of Mount Everest moraines indicates a strong monsoon influence and glacial synchronicity throughout the Himalaya. <i>Geology</i> , 2003 , 31, 561	5	157
224	Terrestrial cosmogenic nuclide surface exposure dating of the oldest glacial successions in the Himalayan orogen: Ladakh Range, northern India. <i>Bulletin of the Geological Society of America</i> , 2006 , 118, 383-392	3.9	142
223	Timing of multiple late Quaternary glaciations in the Hunza Valley, Karakoram Mountains, northern Pakistan: Defined by cosmogenic radionuclide dating of moraines. <i>Bulletin of the Geological Society of America</i> , 2002 , 114, 593-604	3.9	141
222	Cosmogenic exposure dating of late Pleistocene moraine stabilization in Alaska. <i>Bulletin of the Geological Society of America</i> , 2005 , 117, 1108	3.9	140
221	The Aksay segment of the northern Altyn Tagh fault: Tectonic geomorphology, landscape evolution, and Holocene slip rate. <i>Journal of Geophysical Research</i> , 2005 , 110,		138
220	Rapid slip along the central Altyn Tagh Fault: Morphochronologic evidence from Cherchen He and Sulamu Tagh. <i>Journal of Geophysical Research</i> , 2004 , 109,		137
219	Uniform slip-rate along the Kunlun Fault: Implications for seismic behaviour and large-scale tectonics. <i>Geophysical Research Letters</i> , 2000 , 27, 2353-2356	4.9	130
218	Timing and climatic drivers for glaciation across semi-arid western Himalayan-Tibetan orogen. <i>Quaternary Science Reviews</i> , 2013 , 78, 188-208	3.9	127
217	New cosmogenic burial ages for Sterkfontein Member 2 Australopithecus and Member 5 Oldowan. <i>Nature</i> , 2015 , 522, 85-8	50.4	124
216	Cosmogenic radionuclide dating of glacial landforms in the Lahul Himalaya, northern India: defining the timing of Late Quaternary glaciation. <i>Journal of Quaternary Science</i> , 2001 , 16, 555-563	2.3	120
215	Timing and style of Late Quaternary glaciation in northeastern Tibet. <i>Bulletin of the Geological Society of America</i> , 2003 , 115, 1356	3.9	118
214	The CRONUS-Earth Project: A synthesis. <i>Quaternary Geochronology</i> , 2016 , 31, 119-154	2.7	116
213	Cosmogenic exposure and erosion history of Australian bedrock landforms. <i>Bulletin of the Geological Society of America</i> , 2002 , 114, 787-803	3.9	116
212	Fast late Pleistocene slip rate on the Leng Long Ling segment of the Haiyuan fault, Qinghai, China. <i>Journal of Geophysical Research</i> , 2002 , 107, ETG 4-1-ETG 4-15		107
211	CRONUS-Earth cosmogenic ³⁶ Cl calibration. <i>Quaternary Geochronology</i> , 2016 , 31, 199-219	2.7	106
210	Primordial noble gases from Earth's mantle: identification of a primitive volatile component. <i>Science</i> , 1999 , 285, 2115-8	33.3	98
209	Cosmogenic nuclide chronology of pre-last glacial maximum moraines at Lago Buenos Aires, 46°S, Argentina. <i>Quaternary Research</i> , 2005 , 63, 301-315	1.9	97
208	Timing and climatic drivers for glaciation across monsoon-influenced regions of the Himalayan-Tibetan orogen. <i>Quaternary Science Reviews</i> , 2014 , 88, 159-182	3.9	95

207	The WAIS Divide deep ice core WD2014 chronology [Part 2: Annual-layer counting (0B1 ka BP)]. <i>Climate of the Past</i> , 2016 , 12, 769-786	3.9	92
206	Cosmogenic Ages for Earthquake Recurrence Intervals and Debris Flow Fan Deposition, Owens Valley, California. <i>Science</i> , 1995 , 270, 447-450	33.3	78
205	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. <i>Quaternary International</i> , 2011 , 236, 21-33	2	74
204	Quaternary glaciation in the Nubra and Shyok valley confluence, northernmost Ladakh, India. <i>Quaternary Research</i> , 2010 , 74, 132-144	1.9	69
203	Using ¹⁰ Be and ²⁶ Al to determine sediment generation rates and identify sediment source areas in an arid region drainage basin. <i>Geomorphology</i> , 2002 , 45, 89-104	4.3	67
202	Greenland was nearly ice-free for extended periods during the Pleistocene. <i>Nature</i> , 2016 , 540, 252-255	50.4	67
201	Displacement history of a limestone normal fault scarp, northern Israel, from cosmogenic ³⁶ Cl. <i>Journal of Geophysical Research</i> , 2001 , 106, 4247-4264		65
200	Cosmogenic ¹⁰ Be and ²⁶ Al ages for the Last Glacial Maximum, eastern Baffin Island, Arctic Canada. <i>Bulletin of the Geological Society of America</i> , 2000 , 112, 1296-1312	3.9	63
199	Rates of Sediment Supply to Arroyos from Upland Erosion Determined Using in Situ Produced Cosmogenic ¹⁰ Be and ²⁶ Al. <i>Quaternary Research</i> , 2001 , 55, 235-245	1.9	62
198	Cosmogenic-nuclide ages for New England coastal moraines, Martha's Vineyard and Cape Cod, Massachusetts, USA. <i>Quaternary Science Reviews</i> , 2002 , 21, 2127-2135	3.9	61
197	Final Laurentide ice-sheet deglaciation and Holocene climate-sea level change. <i>Quaternary Science Reviews</i> , 2016 , 152, 49-59	3.9	61
196	Slip rates on the Fish Springs fault, Owens Valley, California, deduced from cosmogenic ¹⁰ Be and ²⁶ Al and soil development on fan surfaces. <i>Bulletin of the Geological Society of America</i> , 2001 , 113, 241-253	3.9	60
195	Timing of Late Quaternary glaciation along the southwestern slopes of the Qilian Shan, Tibet. <i>Boreas</i> , 2003 , 32, 281-291	2.4	60
194	Quaternary glaciation of the Tashkurgan Valley, Southeast Pamir. <i>Quaternary Science Reviews</i> , 2012 , 47, 56-72	3.9	59
193	Variation in glacial erosion near the southern margin of the Laurentide Ice Sheet, south-central Wisconsin, USA: Implications for cosmogenic dating of glacial terrains. <i>Bulletin of the Geological Society of America</i> , 2002 , 114, 1581-1591	3.9	59
192	Palaeoglaciology of Bayan Har Shan, NE Tibetan Plateau: exposure ages reveal a missing LGM expansion. <i>Quaternary Science Reviews</i> , 2011 , 30, 1988-2001	3.9	57
191	Erosion history of the Tibetan Plateau since the last interglacial: constraints from the first studies of cosmogenic ¹⁰ Be from Tibetan bedrock. <i>Earth and Planetary Science Letters</i> , 2004 , 217, 33-42	5.3	57
190	Patagonian glacier response during the late glacial-Holocene transition. <i>Science</i> , 2008 , 321, 392-5	33.3	56

189	In situ cosmogenic nuclide production rate calibration for the CRONUS-Earth project from Lake Bonneville, Utah, shoreline features. <i>Quaternary Geochronology</i> , 2015 , 26, 56-69	2.7	55
188	Quantifying sediment transport on desert piedmonts using ¹⁰ Be and ²⁶ Al. <i>Geomorphology</i> , 2002 , 45, 105-125	4.3	53
187	Latest Pleistocene advance of alpine glaciers in the southwestern Uinta Mountains, Utah, USA: Evidence for the influence of local moisture sources. <i>Geology</i> , 2006 , 34, 841	5	52
186	Glacier readvance during the late glacial (Younger Dryas?) in the Ahklun Mountains, southwestern Alaska. <i>Geology</i> , 2002 , 30, 679	5	51
185	Final deglaciation of the Scandinavian Ice Sheet and implications for the Holocene global sea-level budget. <i>Earth and Planetary Science Letters</i> , 2016 , 448, 34-41	5.3	51
184	Asymmetrical erosion and morphological development of the central Ladakh Range, northern India. <i>Geomorphology</i> , 2011 , 135, 167-180	4.3	50
183	Rates and Timing of Earth Surface Processes From In Situ-Produced Cosmogenic Be-10. <i>Reviews in Mineralogy and Geochemistry</i> , 2002 , 50, 147-205	7.1	50
182	Fall, recovery, and characterization of the Novato L6 chondrite breccia. <i>Meteoritics and Planetary Science</i> , 2014 , 49, 1388-1425	2.8	49
181	Timing and extent of Quaternary glaciations in the Tianger Range, eastern Tian Shan, China, investigated using ¹⁰ Be surface exposure dating. <i>Quaternary Science Reviews</i> , 2014 , 98, 7-23	3.9	49
180	Two billion years of magmatism recorded from a single Mars meteorite ejection site. <i>Science Advances</i> , 2017 , 3, e1600922	14.3	48
179	A new Scandinavian reference ¹⁰ Be production rate. <i>Quaternary Geochronology</i> , 2015 , 29, 104-115	2.7	47
178	Petrologic and textural diversity among the PCA 02 howardite group, one of the largest pieces of the Vestan surface. <i>Meteoritics and Planetary Science</i> , 2012 , 47, 947-969	2.8	47
177	Cosmic-ray exposure history of two Frontier Mountain H-chondrite showers from spallation and neutron-capture products. <i>Meteoritics and Planetary Science</i> , 2001 , 36, 301-317	2.8	47
176	Cosmogenic analysis of glacial terrains in the eastern Canadian Arctic: a test for inherited nuclides and the effectiveness of glacial erosion. <i>Annals of Glaciology</i> , 1999 , 28, 181-188	2.5	47
175	Estimating erosion rates and exposure ages with ³⁶ Cl produced by neutron activation. <i>Geochimica Et Cosmochimica Acta</i> , 1995 , 59, 3779-3798	5.5	47
174	Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination. <i>Science</i> , 2017 , 358, 781-784	33.3	46
173	Chlorine-36 as a tracer of perchlorate origin. <i>Environmental Science & Technology</i> , 2009 , 43, 6934-8	10.3	46
172	Latest Pleistocene glacial chronology of the Uinta Mountains: support for moisture-driven asynchrony of the last deglaciation. <i>Quaternary Science Reviews</i> , 2009 , 28, 1171-1187	3.9	46

171	Quaternary alluvial-fan development, climate and morphologic dating of fault scarps in Laguna Salada, Baja California, Mexico. <i>Geomorphology</i> , 2008 , 102, 578-594	4.3	46
170	Retreat of the Western Cordilleran Ice Sheet Margin During the Last Deglaciation. <i>Geophysical Research Letters</i> , 2018 , 45, 9710-9720	4.9	46
169	Late Quaternary slip rate gradient defined using high-resolution topography and ¹⁰ Be dating of offset landforms on the southern San Jacinto Fault zone, California. <i>Journal of Geophysical Research</i> , 2010 , 115,		44
168	Preliminary ¹⁰ Be chronology for the last deglaciation of the western margin of the Greenland Ice Sheet. <i>Journal of Quaternary Science</i> , 2009 , 24, 270-278	2.3	44
167	Paleoglaciation of Shaluli Shan, southeastern Tibetan Plateau. <i>Quaternary Science Reviews</i> , 2013 , 64, 121-135	3.9	43
166	Last glacial maximum climate inferences from cosmogenic dating and glacier modeling of the western Uinta ice field, Uinta Mountains, Utah. <i>Quaternary Research</i> , 2008 , 69, 130-144	1.9	43
165	Using cosmogenic nuclides to contrast rates of erosion and sediment yield in a semi-arid, arroyo-dominated landscape, Rio Puerco Basin, New Mexico. <i>Earth Surface Processes and Landforms</i> , 2005 , 30, 935-953	3.7	41
164	Noble gases and cosmogenic radionuclides in the Gold Basin L4 chondrite shower: Thermal history, exposure history, and pre-atmospheric size. <i>Meteoritics and Planetary Science</i> , 2003 , 38, 157-173	2.8	39
163	The Northwest Africa 8159 martian meteorite: Expanding the martian sample suite to the early Amazonian. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 218, 1-26	5.5	38
162	Cosmogenically enabled sediment budgeting. <i>Geology</i> , 2005 , 33, 133	5	38
161	¹⁰ Be surface exposure ages on the late-Pleistocene and Holocene history of Linnbreen on Svalbard. <i>Quaternary Science Reviews</i> , 2014 , 89, 5-12	3.9	37
160	Southern Laurentide ice-sheet retreat synchronous with rising boreal summer insolation. <i>Geology</i> , 2015 , 43, 23-26	5	37
159	Provenance and time constraints on the formation of the first bend of the Yangtze River. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	37
158	Rapid last-deglacial thinning and retreat of the marine-terminating southwestern Greenland ice sheet. <i>Earth and Planetary Science Letters</i> , 2015 , 426, 1-12	5.3	36
157	Episodic fluvial incision of rivers and rock uplift in the Himalaya and Transhimalaya. <i>Journal of the Geological Society</i> , 2011 , 168, 783-804	2.7	36
156	Ice sheet erosion patterns in valley systems in northern Sweden investigated using cosmogenic nuclides. <i>Earth Surface Processes and Landforms</i> , 2005 , 30, 1039-1049	3.7	36
155	Opening of glacial Lake Agassiz's eastern outlets by the start of the Younger Dryas cold period. <i>Geology</i> , 2018 , 46, 155-158	5	36
154	Late Pleistocene Cosmogenic ³⁶ Cl Glacial Chronology of the Southwestern Ahklun Mountains, Alaska. <i>Quaternary Research</i> , 2001 , 56, 148-154	1.9	34

153	Meteoritic event recorded in Antarctic ice. <i>Geology</i> , 1998 , 26, 607	5	34
152	The role of mass movements on landscape evolution in the Central Karakoram: Discussion and speculation. <i>Quaternary International</i> , 2011 , 236, 34-47	2	33
151	Composition of the first bulk melt sample from a volcanic region of Mars: Queen Alexandra Range 94201. <i>Meteoritics and Planetary Science</i> , 2003 , 38, 1833-1848	2.8	33
150	Catastrophic partial drainage of Pangong Tso, northern India and Tibet. <i>Geomorphology</i> , 2011 , 125, 109-121	1.5	31
149	Late Quaternary glaciation and equilibrium line altitude variations of the McKinley River region, central Alaska Range. <i>Boreas</i> , 2010 , 39, 233-246	2.4	31
148	Cosmogenic nuclides in Almahata Sitta ureilites: Cosmic-ray exposure age, preatmospheric mass, and bulk density of asteroid 2008 TC3. <i>Meteoritics and Planetary Science</i> , 2010 , 45, 1728-1742	2.8	31
147	Cosmogenic exposure ages of basalt flows: Lunar Crater volcanic field, Nevada. <i>Geology</i> , 1995 , 23, 21	5	31
146	Deep-water circulation changes lead North Atlantic climate during deglaciation. <i>Nature Communications</i> , 2019 , 10, 1272	17.4	30
145	Importance of sampling across an assemblage of glacial landforms for interpreting cosmogenic ages of deglaciation. <i>Quaternary Research</i> , 2011 , 76, 148-156	1.9	30
144	Lateglacial and Holocene cosmogenic surface exposure age glacial chronology and geomorphological evidence for the presence of cold-based glaciers at Nevado Sajama, Bolivia. <i>Journal of Quaternary Science</i> , 2009 , 24, 360-372	2.3	30
143	Deglaciation of the Greenland and Laurentide ice sheets interrupted by glacier advance during abrupt coolings. <i>Quaternary Science Reviews</i> , 2020 , 229, 106091	3.9	29
142	Cosmogenic ²⁶ Al/ ¹⁰ Be surface production ratio in Greenland. <i>Geophysical Research Letters</i> , 2017 , 44, 1350-1359	4.9	28
141	Complex patterns of glacier advances during the late glacial in the Chagan Uzun Valley, Russian Altai. <i>Quaternary Science Reviews</i> , 2016 , 149, 288-305	3.9	28
140	Cosmogenic nuclide constraints on late Quaternary glacial chronology on the Dalijia Shan, northeastern Tibetan Plateau. <i>Quaternary Research</i> , 2013 , 79, 439-451	1.9	28
139	Cosmogenic nuclide constraints on glacial chronology in the source area of the Urumqi River, Tian Shan, China. <i>Journal of Quaternary Science</i> , 2011 , 26, 297-304	2.3	28
138	Cosmogenic ¹⁰ Be constraints on Little Ice Age glacial advances in the eastern Tian Shan, China. <i>Quaternary Science Reviews</i> , 2016 , 138, 105-118	3.9	27
137	Timing of the last glaciation and subsequent deglaciation in the Ruby Mountains, Great Basin, USA. <i>Earth and Planetary Science Letters</i> , 2013 , 361, 16-25	5.3	27
136	Calibration of cosmogenic noble gas production in ordinary chondrites based on ³⁶ Cl- ³⁶ Ar ages. Part 1: Refined produced rates for cosmogenic ²¹ Ne and ³⁸ Ar. <i>Meteoritics and Planetary Science</i> , 2013 , 48, 1841-1862	2.8	27

135	Exhumation and incision history of the Lahul Himalaya, northern India, based on (U-Th)/He thermochronometry and terrestrial cosmogenic nuclide methods. <i>Geomorphology</i> , 2009 , 107, 285-299	4.3	27
134	¹⁰ Be dating of boulders on moraines from the last glacial period in the Nyainqentanglha mountains, Tibet. <i>Science China Earth Sciences</i> , 2014 , 57, 221-231	4.6	26
133	Exposure history of lunar meteorites Queen Alexandra Range 93069 and 94269. <i>Meteoritics and Planetary Science</i> , 1996 , 31, 893-896	2.8	26
132	Beryllium-10 and aluminum-26 in individual cosmic spherules from Antarctica. <i>Meteoritics</i> , 1995 , 30, 728-732		26
131	Timing and nature of Holocene glacier advances at the northwestern end of the Himalayan-Tibetan orogen. <i>Quaternary Science Reviews</i> , 2018 , 187, 177-202	3.9	25
130	Exposure history of the Sutter's Mill carbonaceous chondrite. <i>Meteoritics and Planetary Science</i> , 2014 , 49, 2056-2063	2.8	25
129	Palaeoglaciation of Bayan Har Shan, northeastern Tibetan Plateau: glacial geology indicates maximum extents limited to ice cap and ice field scales. <i>Journal of Quaternary Science</i> , 2009 , 24, 710-727	2.3	25
128	Rates of basin-wide rockwall retreat in the K2 region of the Central Karakoram defined by terrestrial cosmogenic nuclide ¹⁰ Be. <i>Geomorphology</i> , 2009 , 107, 254-262	4.3	25
127	Rate of late Quaternary ice-cap thinning on King George Island, South Shetland Islands, West Antarctica defined by cosmogenic ³⁶ Cl surface exposure dating. <i>Boreas</i> , 2009 , 38, 207-213	2.4	24
126	Beryllium-10 surface exposure dating of glacial successions in the Central Alaska Range. <i>Journal of Quaternary Science</i> , 2010 , 25, 1259-1269	2.3	24
125	Terrestrial ages, pairing, and concentration mechanism of Antarctic chondrites from Frontier Mountain, Northern Victoria Land. <i>Meteoritics and Planetary Science</i> , 2006 , 41, 1081-1094	2.8	24
124	Timing and dynamics of glaciation in the Ikh Turgan Mountains, Altai region, High Asia. <i>Quaternary Geochronology</i> , 2018 , 47, 54-71	2.7	24
123	Beryllium-10 concentrations in the hyper-arid soils in the Atacama Desert, Chile: Implications for arid soil formation rates and El Niño driven changes in Pliocene precipitation. <i>Geochimica Et Cosmochimica Acta</i> , 2015 , 160, 227-242	5.5	23
122	Constraints on the late Quaternary glacial history of the Inylchek and Sary-Dzaz valleys from in situ cosmogenic ¹⁰ Be and ²⁶ Al, eastern Kyrgyz Tian Shan. <i>Quaternary Science Reviews</i> , 2014 , 101, 77-90	3.9	23
121	Geomorphology, sedimentology and minimum exposure ages of streamlined subglacial landforms in the NW Himalaya, India. <i>Boreas</i> , 2016 , 45, 284-303	2.4	23
120	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. <i>Meteoritics and Planetary Science</i> , 2011 , 46, 177-196	2.8	22
119	Progress in AMS Measurements at the LLNL Spectrometer. <i>Radiocarbon</i> , 1992 , 34, 473-477	4.6	22
118	The timing and extent of Quaternary glaciation of Stok, northern Zaskar Range, Transhimalaya, of northern India. <i>Geomorphology</i> , 2017 , 284, 142-155	4.3	21

117	Nature and timing of large landslides within an active orogen, eastern Pamir, China. <i>Geomorphology</i> , 2013 , 182, 49-65	4.3	21
116	Slip-rates along the Chaman fault: Implication for transient strain accumulation and strain partitioning along the western Indian plate margin. <i>Tectonophysics</i> , 2013 , 608, 389-400	3.1	21
115	Cosmogenic nuclides in the Brenham pallasite. <i>Meteoritics and Planetary Science</i> , 2002 , 37, 1711-1728	2.8	21
114	Persistent millennial-scale glacier fluctuations in Ireland between 24 ka and 10 ka. <i>Geology</i> , 2018 , 46, 151-154	5	21
113	No late Quaternary strike-slip motion along the northern Karakoram fault. <i>Earth and Planetary Science Letters</i> , 2015 , 409, 290-298	5.3	20
112	Timing and nature of alluvial fan and strath terrace formation in the Eastern Precordillera of Argentina. <i>Quaternary Science Reviews</i> , 2013 , 80, 143-168	3.9	20
111	Beryllium-10 from the Sun. <i>Science</i> , 2001 , 294, 352-4	33.3	20
110	Quaternary glaciation of the Lato Massif, Zaskar Range of the NW Himalaya. <i>Quaternary Science Reviews</i> , 2018 , 183, 140-156	3.9	19
109	Patterns of landscape evolution on the central and northern Tibetan Plateau investigated using in-situ produced ¹⁰ Be concentrations from river sediments. <i>Earth and Planetary Science Letters</i> , 2014 , 398, 77-89	5.3	19
108	Late Pleistocene glaciation and deglaciation in the Crestone Peaks area, Colorado Sangre de Cristo Mountains, USA Chronology and paleoclimate. <i>Quaternary Science Reviews</i> , 2017 , 158, 127-144	3.9	18
107	Park Forest (L5) and the asteroidal source of shocked L chondrites. <i>Meteoritics and Planetary Science</i> , 2017 , 52, 1561-1576	2.8	18
106	Late Pleistocene glacial fluctuations in Cordillera Oriental, subtropical Andes. <i>Quaternary Science Reviews</i> , 2017 , 171, 245-259	3.9	18
105	Role of biological soil crusts in affecting soil evolution and salt geochemistry in hyper-arid Atacama Desert, Chile. <i>Geoderma</i> , 2017 , 307, 54-64	6.7	18
104	SOLAR WIND IMPLANTATION MODEL FOR ¹⁰ Be IN CALCIUM ALUMINUM INCLUSIONS. <i>Astrophysical Journal</i> , 2010 , 725, 443-449	4.7	18
103	¹⁰ Be dating of late Pleistocene megafloods and Cordilleran Ice Sheet retreat in the northwestern United States. <i>Geology</i> , 2017 , 45, 583-586	5	17
102	The Sariřk howardite fall in Turkey: Source crater of HED meteorites on Vesta and impact risk of Vestoids. <i>Meteoritics and Planetary Science</i> , 2019 , 54, 953-1008	2.8	17
101	Minimal East Antarctic Ice Sheet retreat onto land during the past eight million years. <i>Nature</i> , 2018 , 558, 284-287	50.4	17
100	The complex exposure history of the Jiddat al Harasis 073 L-chondrite shower. <i>Meteoritics and Planetary Science</i> , 2008 , 43, 1691-1708	2.8	17

99	Very slow erosion rates and landscape preservation across the southwestern slope of the Ladakh Range, India. <i>Earth Surface Processes and Landforms</i> , 2015 , 40, 389-402	3.7	16
98	Last Glacial Maximum cirque glaciation in Ireland and implications for reconstructions of the Irish Ice Sheet. <i>Quaternary Science Reviews</i> , 2016 , 141, 85-93	3.9	16
97	Annama H chondrite Mineralogy, physical properties, cosmic ray exposure, and parent body history. <i>Meteoritics and Planetary Science</i> , 2017 , 52, 1525-1541	2.8	15
96	Cosmic-ray exposure ages of six chondritic Almahata Sitta fragments. <i>Meteoritics and Planetary Science</i> , 2017 , 52, 2353	2.8	15
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