

Marc Caffee

List of Publications by Year in Descending Order

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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	The Neutron Energy Spectra of Lunar Meteorites Evaluated from Sm and Er Isotopic Compositions. <i>Astrophysical Journal</i> , 2022 , 925, 209	4.7	
241	Revised chronology of northwest Laurentide ice-sheet deglaciation from ^{10}Be exposure ages on boulder erratics. <i>Quaternary Science Reviews</i> , 2022 , 277, 107369	3.9	1
240	Late Pleistocene glacial chronologies and paleoclimate in the northern Rocky Mountains. <i>Climate of the Past</i> , 2022 , 18, 293-312	3.9	2
239	Hurricanes alter ^{10}Be concentrations in tropical river sediment but do not change regional erosion rate estimates. <i>Earth Surface Processes and Landforms</i> , 2022 , 47, 1196-1211	3.7	0
238	The age of the opening of the Ice-Free Corridor and implications for the peopling of the Americas.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022 , 119, e2118558119 ^{11.5}		3
237	Using multiple isotopic and geochemical tracers to disentangle the sources of baseflow and salinity in the headwaters of a large agricultural watershed. <i>Journal of Hydrology</i> , 2022 , 609, 127769	6	0
236	A multimillion-year-old record of Greenland vegetation and glacial history preserved in sediment beneath 1.4 km of ice at Camp Century. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	8
235	The impact and recovery of asteroid 2018 LA. <i>Meteoritics and Planetary Science</i> , 2021 , 56, 844-893	2.8	4
234	Landslides, hurricanes, and sediment sourcing impact basin-scale erosion estimates in Luquillo, Puerto Rico. <i>Earth and Planetary Science Letters</i> , 2021 , 562, 116821	5.3	3
233	The nature of the CM parent asteroid regolith based on cosmic ray exposure ages. <i>Meteoritics and Planetary Science</i> , 2021 , 56, 49-55	2.8	4
232	Measuring multiple cosmogenic nuclides in glacial cobbles sheds light on Greenland Ice Sheet processes. <i>Earth and Planetary Science Letters</i> , 2021 , 554, 116673	5.3	1
231	Rockwall Slope Erosion in the Northwestern Himalaya. <i>Journal of Geophysical Research F: Earth Surface</i> , 2021 , 126, e2020JF005619	3.8	2
230	Accommodation of Plate Motion in an Incipient Strike-Slip System: The Central Walker Lane. <i>Tectonics</i> , 2021 , 40, e2019TC005612	4.3	2
229	Mineralogy, petrology, geochemistry, and chronology of the Murrili (H5) meteorite fall: The third recovered fall from the Desert Fireball Network. <i>Meteoritics and Planetary Science</i> , 2021 , 56, 241-259	2.8	0
228	In situ cosmogenic ^{10}Be , ^{14}C , and ^{26}Al measurements from recently deglaciated bedrock as a new tool to decipher changes in Greenland ice sheet sizes. <i>Climate of the Past</i> , 2021 , 17, 119-150	3.9	5
227	Reply to Carlson (2020) comment on Deglaciation of the Greenland and Laurentide ice sheets interrupted by glacier advance during abrupt coolings. <i>Quaternary Science Reviews</i> , 2020 , 240, 106329	3.9	3
226	Latest Pleistocene glacial and climate history of the Wasatch Range, Utah. <i>Quaternary Science Reviews</i> , 2020 , 238, 106313	3.9	3

225	Orbit and origin of the LL7 chondrite Dishchii'bikoh (Arizona). <i>Meteoritics and Planetary Science</i> , 2020 , 55, 535-557	2.8	5
224	A statistical and numerical modeling approach for spatiotemporal reconstruction of glaciations in the Central Asian mountains. <i>MethodsX</i> , 2020 , 7, 100820	1.9	0
223	Widespread early Holocene deglaciation, Washington Land, northwest Greenland. <i>Quaternary Science Reviews</i> , 2020 , 231, 106181	3.9	6
222	Measurement of S34(He3,p)Cl36 cross sections for nuclide enrichment in the early solar system. <i>Physical Review C</i> , 2020 , 101,	2.7	1
221	The Northwestern Greenland Ice Sheet During The Early Pleistocene Was Similar To Today. <i>Geophysical Research Letters</i> , 2020 , 47, e2019GL085176	4.9	6
220	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
219	Late Cenozoic climate change paces landscape adjustments to Yukon River capture. <i>Nature Geoscience</i> , 2020 , 13, 571-575	18.3	8
218	Tracking denudation and sediment production and transport with cosmogenic 10Be in arid, high-altitude Himalayan half-grabens, Zaskar, northern India. <i>Earth Surface Processes and Landforms</i> , 2020 , 45, 3103-3119	3.7	0
217	The Fall, recovery, classification, and initial characterization of the Hamburg, Michigan H4 chondrite. <i>Meteoritics and Planetary Science</i> , 2020 , 55, 2341-2359	2.8	2
216	Ice surface changes during recent glacial cycles along the Jutulstraumen and Penck Trough ice streams in western Dronning Maud Land, East Antarctica. <i>Quaternary Science Reviews</i> , 2020 , 249, 106636	3.9	4
215	High-frequency Holocene glacier fluctuations in the Himalayan-Tibetan orogen. <i>Quaternary Science Reviews</i> , 2019 , 220, 372-400	3.9	14
214	A homogeneous liquid reference material for monitoring the quality and reproducibility of in situ cosmogenic 10Be and 26Al analyses. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019 , 456, 180-185	1.2	3
213	The Creston, California, meteorite fall and the origin of L chondrites. <i>Meteoritics and Planetary Science</i> , 2019 , 54, 699-720	2.8	13
212	10Be age constraints on latest Pleistocene and Holocene cirque glaciation across the western United States. <i>Npj Climate and Atmospheric Science</i> , 2019 , 2,	8	11
211	Carbonate and silicate intercomparison materials for cosmogenic 36Cl measurements. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019 , 455, 250-259	1.2	9
210	The CM carbonaceous chondrite regolith Diepenveen. <i>Meteoritics and Planetary Science</i> , 2019 , 54, 1431-1461	4.6	5
209	Deep-water circulation changes lead North Atlantic climate during deglaciation. <i>Nature Communications</i> , 2019 , 10, 1272	17.4	30
208	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

207	Pace and Process of Active Folding and Fluvial Incision Across the Kantishna Hills Anticline, Central Alaska. <i>Geophysical Research Letters</i> , 2019 , 46, 3235-3244	4.9	1
206	Rates of rockwall slope erosion in the upper Bhagirathi catchment, Garhwal Himalaya. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 3108-3127	3.7	3
205	Cosmogenic Be and equilibrium-line altitude dataset of Holocene glacier advances in the Himalayan-Tibetan orogen. <i>Data in Brief</i> , 2019 , 26, 104412	1.2	2
204	Bedrock fracture density controls on hillslope erodibility in steep, rocky landscapes with patchy soil cover, southern California, USA. <i>Earth and Planetary Science Letters</i> , 2019 , 522, 186-197	5.3	13
203	Climate during the Last Glacial Maximum in the Northern Sawatch Range, Colorado, USA. <i>Quaternary</i> , 2019 , 2, 36	2.2	7
202	Petrogenesis of lunar impact melt rock meteorite Oued Awlitis 001. <i>Meteoritics and Planetary Science</i> , 2019 , 54, 2167-2188	2.8	4
201	Ice cap erosion patterns from bedrock ¹⁰ Be and ²⁶ Al, southeastern Tibetan Plateau. <i>Earth Surface Processes and Landforms</i> , 2019 , 44, 918-932	3.7	5
200	Analysis of multiple cosmogenic nuclides constrains Laurentide Ice Sheet history and process on Mt. Mansfield, Vermont's highest peak. <i>Quaternary Science Reviews</i> , 2019 , 205, 234-246	3.9	11
199	Lunar surface processes inferred from cosmogenic radionuclides in Apollo 16 double drive core 68002/68001. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 244, 336-351	5.5	3
198	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
197	Quaternary glaciation of the Lato Massif, Zaskar Range of the NW Himalaya. <i>Quaternary Science Reviews</i> , 2018 , 183, 140-156	3.9	19
196	Tracking paraglacial sediment with cosmogenic ¹⁰ Be using an example from the northwest Scottish Highlands. <i>Quaternary Science Reviews</i> , 2018 , 182, 20-36	3.9	13
195	Early to Late Holocene Surface Exposure Ages From Two Marine-Terminating Outlet Glaciers in Northwest Greenland. <i>Geophysical Research Letters</i> , 2018 , 45, 7028-7039	4.9	12
194	Minimal East Antarctic Ice Sheet retreat onto land during the past eight million years. <i>Nature</i> , 2018 , 558, 284-287	50.4	17
193	Re-evaluation of MIS 3 glaciation using cosmogenic radionuclide and single grain luminescence ages, Kanas Valley, Chinese Altai. <i>Journal of Quaternary Science</i> , 2018 , 33, 55-67	2.3	13
192	Persistent millennial-scale glacier fluctuations in Ireland between 24 ka and 10 ka. <i>Geology</i> , 2018 , 46, 151-154	5	21
191	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
190	Ongoing bedrock incision of the Fortymile River driven by Pliocene-Pleistocene Yukon River capture, eastern Alaska, USA, and Yukon, Canada. <i>Geology</i> , 2018 , 46, 635-638	5	7

189	Termination II, Last Glacial Maximum, and Lateglacial chronologies and paleoclimate from Big Cottonwood Canyon, Wasatch Mountains, Utah. <i>Bulletin of the Geological Society of America</i> , 2018 , 130, 1889-1902	3.9	10
188	Retreat of the Western Cordilleran Ice Sheet Margin During the Last Deglaciation. <i>Geophysical Research Letters</i> , 2018 , 45, 9710-9720	4.9	46
187	Timing and dynamics of glaciation in the Ikh Turgen Mountains, Altai region, High Asia. <i>Quaternary Geochronology</i> , 2018 , 47, 54-71	2.7	24
186	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
185	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
184	Cosmogenic ²⁶ Al/ ¹⁰ Be surface production ratio in Greenland. <i>Geophysical Research Letters</i> , 2017 , 44, 1350-1359	4.9	28
183	Two billion years of magmatism recorded from a single Mars meteorite ejection site. <i>Science Advances</i> , 2017 , 3, e1600922	14.3	48
182	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
181	Cosmogenic nuclide age estimate for Laurentide Ice Sheet recession from the terminal moraine, New Jersey, USA, and constraints on latest Pleistocene ice sheet history. <i>Quaternary Research</i> , 2017 , 87, 482-498	1.9	9
180	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
179	Reply to comment received from J. Herget et al. regarding "Complex patterns of glacier advances during the late glacial in the Chagan Uzun Valley, Russian Altai" by Gribenski et al. (2016), <i>Quaternary Science Reviews</i> 149, 288-305. <i>Quaternary Science Reviews</i> , 2017 , 168, 219-221	3.9	1
178	Park Forest (L5) and the asteroidal source of shocked L chondrites. <i>Meteoritics and Planetary Science</i> , 2017 , 52, 1561-1576	2.8	18
177	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
176	What is the source of baseflow in agriculturally fragmented catchments? Complex groundwater/surface-water interactions in three tributary catchments of the Wabash River, Indiana, USA. <i>Hydrological Processes</i> , 2017 , 31, 4019-4038	3.3	10
175	Transient Quaternary erosion and tectonic inversion of the Northern Range, Trinidad. <i>Geomorphology</i> , 2017 , 295, 337-353	4.3	5
174	Re-measurement of the S33(³⁵ Cl)36 cross section for early solar system nuclide enrichment. <i>Physical Review C</i> , 2017 , 96,	2.7	6
173	Late Pleistocene glacial fluctuations in Cordillera Oriental, subtropical Andes. <i>Quaternary Science Reviews</i> , 2017 , 171, 245-259	3.9	18
172	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

171	Cosmic-ray exposure ages of six chondritic Almahata Sitta fragments. <i>Meteoritics and Planetary Science</i> , 2017 , 52, 2353	2.8	15
170	Cordilleran Ice Sheet mass loss preceded climate reversals near the Pleistocene Termination. <i>Science</i> , 2017 , 358, 781-784	33.3	46
169	The Braunschweig meteorite is a recent L6 chondrite fall in Germany. <i>Chemie Der Erde</i> , 2017 , 77, 207-224	4.3	11
168	Quaternary history and landscape evolution of a high-altitude intermountain basin at the western end of the Himalayan-Tibetan orogen, Waqia Valley, Chinese Pamir. <i>Geomorphology</i> , 2017 , 284, 156-174	4.3	8
167	Where now? Reflections on future directions for cosmogenic nuclide research from the CRONUS Projects. <i>Quaternary Geochronology</i> , 2016 , 31, 155-159	2.7	14
166	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
165	Terrestrial cosmogenic surface exposure dating of glacial and associated landforms in the Ruby Mountains-East Humboldt Range of central Nevada and along the northeastern flank of the Sierra Nevada. <i>Geomorphology</i> , 2016 , 268, 72-81	4.3	5
164	CRONUS-Earth cosmogenic ³⁶ Cl calibration. <i>Quaternary Geochronology</i> , 2016 , 31, 199-219	2.7	106
163	Response to comment on 'No late Quaternary strike-slip motion along the northern Karakoram fault' <i>Earth and Planetary Science Letters</i> , 2016 , 443, 220-223	5.3	6
162	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
161	Geological calibration of spallation production rates in the CRONUS-Earth project. <i>Quaternary Geochronology</i> , 2016 , 31, 188-198	2.7	388
160	The CRONUS-Earth Project: A synthesis. <i>Quaternary Geochronology</i> , 2016 , 31, 119-154	2.7	116
159	The WAIS Divide deep ice core WD2014 chronology [Part 2: Annual-layer counting (0-1 ka BP)]. <i>Climate of the Past</i> , 2016 , 12, 769-786	3.9	92
158	Greenland was nearly ice-free for extended periods during the Pleistocene. <i>Nature</i> , 2016 , 540, 252-255	50.4	67
157	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
156	Deglaciation of Fennoscandia. <i>Quaternary Science Reviews</i> , 2016 , 147, 91-121	3.9	328
155	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
154	Mid-late Pleistocene glacial evolution in the Grove Mountains, East Antarctica, constraints from cosmogenic ¹⁰ Be surface exposure dating of glacial erratic cobbles. <i>Quaternary Science Reviews</i> , 2016 , 145, 71-81	3.9	5

153	Reply to comment received from J. C. Knight regarding Last Glacial Maximum cirque glaciation in Ireland and implications for reconstructions of the Irish Ice Sheet by Barth et al. (2016), <i>Quaternary Science Reviews</i> 141, 85-93. <i>Quaternary Science Reviews</i> , 2016 , 150, 310-311	3.9	
152	Final Laurentide ice-sheet deglaciation and Holocene climate-sea level change. <i>Quaternary Science Reviews</i> , 2016 , 152, 49-59	3.9	61
151	Grosvenor Mountains 95 howardite pairing group: Insights into the surface regolith of asteroid 4 Vesta. <i>Meteoritics and Planetary Science</i> , 2016 , 51, 167-194	2.8	12
150	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
149	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
148	Timing and climate forcing of volcanic eruptions for the past 2,500 years. <i>Nature</i> , 2015 , 523, 543-9	50.4	601
147	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
146	A new Scandinavian reference ¹⁰ Be production rate. <i>Quaternary Geochronology</i> , 2015 , 29, 104-115	2.7	47
145	New cosmogenic burial ages for Sterkfontein Member 2 Australopithecus and Member 5 Oldowan. <i>Nature</i> , 2015 , 522, 85-8	50.4	124
144	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
143	Xenon isotopes in the MORB source, not distinctive of early global degassing. <i>Geophysical Research Letters</i> , 2015 , 42, 4367-4374	4.9	3
142	Extreme decay of meteoric beryllium-10 as a proxy for persistent aridity. <i>Scientific Reports</i> , 2015 , 5, 17813	4.9	9
141	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
140	Cosmogenic dating of Late Pleistocene glaciation, southern tropical Andes, Peru. <i>Journal of Quaternary Science</i> , 2015 , 30, 841-847	2.3	14
139	The Vicñcia meteorite fall: A new unshocked (S1) weakly metamorphosed (3.2) LL chondrite. <i>Meteoritics and Planetary Science</i> , 2015 , 50, 1089-1111	2.8	11
138	Southern Laurentide ice-sheet retreat synchronous with rising boreal summer insolation. <i>Geology</i> , 2015 , 43, 23-26	5	37
137	Calibration of cosmogenic noble gas production based on ³⁶ Cl- ³⁶ Ar ages. Part 2. The ⁸¹ Kr-Kr dating technique. <i>Meteoritics and Planetary Science</i> , 2015 , 50, 1863-1879	2.8	5
136	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

135	10Be 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
134	10Be 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
133	Measurements of the neutron activation cross sections for Bi and Co at 386 MeV. <i>Radiation Protection Dosimetry</i> , 2014 , 161, 139-43	0.9	2
132	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. <i>Quaternary Science Reviews</i> , 2014 , 101, 77-90	3.9	23
131	Fall, recovery, and characterization of the Novato L6 chondrite breccia. <i>Meteoritics and Planetary Science</i> , 2014 , 49, 1388-1425	2.8	49
130	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
129	Timing and extent of Quaternary glaciations in the Tianger Range, eastern Tian Shan, China, investigated using 10Be surface exposure dating. <i>Quaternary Science Reviews</i> , 2014 , 98, 7-23	3.9	49
128	Patterns of landscape evolution on the central and northern Tibetan Plateau investigated using in-situ produced 10Be concentrations from river sediments. <i>Earth and Planetary Science Letters</i> , 2014 , 398, 77-89	5.3	19
127	Cosmogenic Nuclides in Antarctic Meteorites. <i>Special Publications</i> , 2014 , 153-172		
126	Exposure history of the Sutter's Mill carbonaceous chondrite. <i>Meteoritics and Planetary Science</i> , 2014 , 49, 2056-2063	2.8	25
125	Arctic-Alpine blockfields in the northern Swedish Scandes: late Quaternary to Neogene. <i>Earth Surface Dynamics</i> , 2014 , 2, 383-401	3.8	13
124	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
123	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
122	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
121	Calibration of cosmogenic noble gas production in ordinary chondrites based on 36Cl-36Ar ages. Part 1: Refined produced rates for cosmogenic 21Ne and 38Ar. <i>Meteoritics and Planetary Science</i> , 2013 , 48, 1841-1862	2.8	27
120	Nature and timing of large landslides within an active orogen, eastern Pamir, China. <i>Geomorphology</i> , 2013 , 182, 49-65	4.3	21
119	Paleoglaciation of Shaluli Shan, southeastern Tibetan Plateau. <i>Quaternary Science Reviews</i> , 2013 , 64, 121-135	3.9	43
118	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

117	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
116	Optoelectronic measurement of x-ray synchrotron pulses: A proof of concept demonstration. <i>Applied Physics Letters</i> , 2013 , 102, 051109	3.4	2
115	Fall, classification, and exposure history of the Mifflin L5 chondrite. <i>Meteoritics and Planetary Science</i> , 2013 , 48, 641-655	2.8	5
114	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
113	A noble gas and cosmogenic radionuclide analysis of two ordinary chondrites from Almahata Sitta. <i>Meteoritics and Planetary Science</i> , 2012 , 47, 1075-1086	2.8	14
112	Holocene Earthquakes and Late Pleistocene Slip-Rate Estimates on the Wassuk Range Fault Zone, Nevada. <i>Bulletin of the Seismological Society of America</i> , 2012 , 102, 1884-1891	2.3	8
111	Radar-enabled recovery of the Sutter's Mill meteorite, a carbonaceous chondrite regolith breccia. <i>Science</i> , 2012 , 338, 1583-7	33.3	159
110	Cosmic-ray exposure age and preatmospheric size of the Bunburra Rockhole achondrite. <i>Meteoritics and Planetary Science</i> , 2012 , 47, 186-196	2.8	10
109	Quaternary glaciation of the Tashkurgan Valley, Southeast Pamir. <i>Quaternary Science Reviews</i> , 2012 , 47, 56-72	3.9	59
108	Distributed extensional deformation in a zone of right-lateral shear: Implications for geodetic versus geologic rates of deformation in the eastern California shear zone-Walker Lane. <i>Tectonics</i> , 2012 , 31, n/a-n/a	4.3	13
107	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
106	Surface ages and rates of erosion at the Calico Archaeological Site in the Mojave Desert, Southern California. <i>Geomorphology</i> , 2011 , 125, 40-50	4.3	5
105	Catastrophic partial drainage of Pangong Tso, northern India and Tibet. <i>Geomorphology</i> , 2011 , 125, 109-121	4.3	31
104	Asymmetrical erosion and morphological development of the central Ladakh Range, northern India. <i>Geomorphology</i> , 2011 , 135, 167-180	4.3	50
103	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
102	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
101	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
100	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

99	Cross sections from 5 to 35 MeV for the reactions $\text{natMg}(3\text{He},x)26\text{Al}$, $27\text{Al}(3\text{He},x)26\text{Al}$, $\text{natCa}(3\text{He},x)41\text{Ca}$, and $\text{natCa}(3\text{He},x)36\text{Cl}$: Implications for early irradiation in the solar system. <i>Meteoritics and Planetary Science</i> , 2011 , 46, 1427-1446	2.8	6
98	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
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