

# Sidney Hemming

## List of Publications by Citations

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147  
papers

6,860  
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42  
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166  
ext. papers

7,654  
ext. citations

6.4  
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5.96  
L-index

#	Paper	IF	Citations
147	Heinrich events: Massive late Pleistocene detritus layers of the North Atlantic and their global climate imprint. <i>Reviews of Geophysics</i> , <b>2004</b> , 42,	23.1	975
146	Reduced North Atlantic Deep Water flux to the glacial Southern Ocean inferred from neodymium isotope ratios. <i>Nature</i> , <b>2000</b> , 405, 935-8	50.4	240
145	Temporal relationships of carbon cycling and ocean circulation at glacial boundaries. <i>Science</i> , <b>2005</b> , 307, 1933-8	33.3	237
144	Mid-Miocene cooling and the extinction of tundra in continental Antarctica. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 10676-80	11.5	204
143	Initiation of the western branch of the East African Rift coeval with the eastern branch. <i>Nature Geoscience</i> , <b>2012</b> , 5, 289-294	18.3	198
142	Early Proterozoic crustal evolution: Geochemical and NdPb isotopic evidence from metasedimentary rocks, southwestern North America. <i>Geochimica Et Cosmochimica Acta</i> , <b>1995</b> , 59, 1153-1177	5.5	197
141	Intensification and variability of ocean thermohaline circulation through the last deglaciation. <i>Earth and Planetary Science Letters</i> , <b>2004</b> , 225, 205-220	5.3	184
140	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , <b>2013</b> , 6, 765-769	18.3	180
139	Towards explaining the Nd paradox using reversible scavenging in an ocean general circulation model. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 274, 448-461	5.3	135
138	The relationship of Heinrich events and their European precursors over the past 60ka BP: a multi-proxy ice-rafted debris provenance study in the North East Atlantic. <i>Quaternary Science Reviews</i> , <b>2007</b> , 26, 862-875	3.9	122
137	Samarium/neodymium elemental and isotopic systematics in sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , <b>1992</b> , 56, 887-898	5.5	116
136	Deep Pacific CaCO <sub>3</sub> compensation and glacial-interglacial atmospheric CO <sub>2</sub> . <i>Earth and Planetary Science Letters</i> , <b>2005</b> , 231, 317-336	5.3	114
135	Abrupt changes in Antarctic Intermediate Water circulation over the past 25,000 years. <i>Nature Geoscience</i> , <b>2008</b> , 1, 870-874	18.3	111
134	High resolution evidence for linkages between NW European ice sheet instability and Atlantic Meridional Overturning Circulation. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 243, 476-488	5.3	111
133	Provenance of Heinrich layers in core V28-82, northeastern Atlantic: <sup>40</sup> Ar/ <sup>39</sup> Ar ages of ice-rafted hornblende, Pb isotopes in feldspar grains, and Nd/Br/Pb isotopes in the fine sediment fraction. <i>Earth and Planetary Science Letters</i> , <b>1998</b> , 164, 317-333	5.3	109
132	Provenance of icebergs during Heinrich Event 3 and the contrast to their sources during other Heinrich episodes. <i>Paleoceanography</i> , <b>1996</b> , 11, 371-378		103
131	Resetting of neodymium isotopes and redistribution of REEs during sedimentary processes: The Early Proterozoic Chelmsford Formation, Sudbury Basin, Ontario, Canada. <i>Geochimica Et Cosmochimica Acta</i> , <b>1994</b> , 58, 931-941	5.5	97

130	Global neodymium/lanthanum isotope systematics revisited. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 259, 432-441	5.3	96
129	Contrasting compositions of Saharan dust in the eastern Atlantic Ocean during the last deglaciation and African Humid Period. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 278, 257-266	5.3	93
128	GEOTRACES intercalibration of neodymium isotopes and rare earth element concentrations in seawater and suspended particles. Part 1: reproducibility of results for the international intercomparison. <i>Limnology and Oceanography: Methods</i> , <b>2012</b> , 10, 234-251	2.6	93
127	Two high-pressure/low-temperature serpentinite-matrix mélange belts, Motagua fault zone, Guatemala: A record of Aptian and Maastrichtian collisions. <i>Geology</i> , <b>2004</b> , 32, 17	5	92
126	Tracking the sources of icebergs with lead isotopes: The provenance of ice-rafted debris in Heinrich layer 2. <i>Paleoceanography</i> , <b>1996</b> , 11, 77-93		89
125	Data reporting norms for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Quaternary Geochronology</i> , <b>2009</b> , 4, 346-352	2.7	86
124	Oscillating glacial northern and southern deep water formation from combined neodymium and carbon isotopes. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 272, 394-405	5.3	84
123	$^{40}\text{Ar}/^{39}\text{Ar}$ ages of hornblende grains and bulk Sm/Nd isotopes of circum-Antarctic glacio-marine sediments: Implications for sediment provenance in the southern ocean. <i>Chemical Geology</i> , <b>2007</b> , 244, 507-519	4.2	82
122	Pb isotope compositions of modern deep sea turbidites. <i>Earth and Planetary Science Letters</i> , <b>2001</b> , 184, 489-503	5.3	77
121	Evidence for iceberg armadas from East Antarctica in the Southern Ocean during the late Miocene and early Pliocene. <i>Earth and Planetary Science Letters</i> , <b>2010</b> , 290, 351-361	5.3	75
120	Detrital Zircon Geochronology of Taconian and Acadian Foreland Sedimentary Rocks in New England. <i>Journal of Sedimentary Research</i> , <b>2001</b> , 71, 305-317	2.1	73
119	New $^{230}\text{Th}/\text{U}$ and $^{14}\text{C}$ ages from Lake Lahontan carbonates, Nevada, USA, and a discussion of the origin of initial thorium. <i>Geochimica Et Cosmochimica Acta</i> , <b>1996</b> , 60, 2817-2832	5.5	72
118	Laschamp Excursion at Mono Lake?. <i>Earth and Planetary Science Letters</i> , <b>2002</b> , 197, 151-164	5.3	69
117	Paleoclimate. Climate swings come into focus. <i>Science</i> , <b>2001</b> , 294, 2308-9	33.3	67
116	Modeling the distribution of Nd isotopes in the oceans using an ocean general circulation model. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 272, 610-619	5.3	61
115	Reduced Agulhas Leakage during the Last Glacial Maximum inferred from an integrated provenance and flux study. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 250, 72-88	5.3	61
114	Geochemical and Nd/Pb Isotopic Evidence for the Provenance of the Early Proterozoic Virginia Formation, Minnesota. Implications for the Tectonic Setting of the Animikie Basin. <i>Journal of Geology</i> , <b>1995</b> , 103, 147-168	2	61
113	The contribution of glacial erosion to shaping the hidden landscape of East Antarctica. <i>Nature Geoscience</i> , <b>2013</b> , 6, 203-207	18.3	59

112	Temporal stability of the neodymium isotope signature of the Holocene to glacial North Atlantic. <i>Paleoceanography</i> , <b>2006</b> , 21,		59
111	Rapid changes in meridional advection of Southern Ocean intermediate waters to the tropical Pacific during the last 30kyr. <i>Earth and Planetary Science Letters</i> , <b>2013</b> , 368, 20-32	5.3	56
110	A Reassessment of U-Th and <sup>14</sup> C Ages for Late-Glacial High-Frequency Hydrological Events at Searles Lake, California. <i>Quaternary Research</i> , <b>1998</b> , 49, 11-23	1.9	56
109	Metamorphic reworking of a high pressure/low temperature mélange along the Motagua fault, Guatemala: A record of Neocomian and Maastrichtian transpressional tectonics. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 284, 228-235	5.3	55
108	The lithium isotopic composition of waters of the Mono Basin, California. <i>Geochimica Et Cosmochimica Acta</i> , <b>2003</b> , 67, 601-611	5.5	53
107	Revised chronology for late Pleistocene Mono Lake sediments based on paleointensity correlation to the global reference curve. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 252, 94-106	5.3	48
106	GEOTRACES intercalibration of neodymium isotopes and rare earth element concentrations in seawater and suspended particles. Part 2: Systematic tests and baseline profiles. <i>Limnology and Oceanography: Methods</i> , <b>2012</b> , 10, 252-269	2.6	42
105	Evidence from <sup>40</sup> Ar/ <sup>39</sup> Ar Ages of Individual Hornblende Grains for Varying Laurentide Sources of Iceberg Discharges 22,000 to 10,500 yr B.P.. <i>Quaternary Research</i> , <b>2000</b> , 54, 372-383	1.9	40
104	Extremely low long-term erosion rates around the Gamburtsev Mountains in interior East Antarctica. <i>Geophysical Research Letters</i> , <b>2010</b> , 37, n/a-n/a	4.9	39
103	Sources of Fe to the equatorial Pacific Ocean from the Holocene to Miocene. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 270, 258-270	5.3	38
102	Climate-correlated variations in seawater <sup>187</sup> O/ <sup>188</sup> O over the past 200,000 yr: Evidence from the Cariaco Basin, Venezuela. <i>Earth and Planetary Science Letters</i> , <b>2007</b> , 263, 246-258	5.3	36
101	Analysis of Antarctic glacial sediment provenance through geochemical and petrologic applications. <i>Quaternary Science Reviews</i> , <b>2017</b> , 164, 1-24	3.9	35
100	A comparison of detrital U <sup>235</sup> zircon, <sup>40</sup> Ar/ <sup>39</sup> Ar hornblende, <sup>40</sup> Ar/ <sup>39</sup> Ar biotite ages in marine sediments off East Antarctica: Implications for the geology of subglacial terrains and provenance studies. <i>Earth-Science Reviews</i> , <b>2014</b> , 138, 156-178	10.2	35
99	<sup>40</sup> Ar/ <sup>39</sup> Ar age constraints on the Haifanggou and Lanqi formations: When did the first flowers bloom?. <i>Geological Society Special Publication</i> , <b>2014</b> , 378, 277-284	1.7	35
98	Mechanisms for an ~7-Kyr Climate and Sea-Level Oscillation During Marine Isotope Stage 3. <i>Geophysical Monograph Series</i> , <b>2007</b> , 209-246	1.1	35
97	Evidence against a young volcanic origin of the Gamburtsev Subglacial Mountains, Antarctica. <i>Geophysical Research Letters</i> , <b>2008</b> , 35,	4.9	34
96	Spectral analysis of the lower Eocene Wilkins Peak Member, Green River Formation, Wyoming: Support for Milankovitch cyclicity. <i>Earth and Planetary Science Letters</i> , <b>2008</b> , 268, 64-75	5.3	33
95	Contrasting conditions preceding MIS3 and MIS2 Heinrich events. <i>Global and Planetary Change</i> , <b>2006</b> , 54, 225-238	4.2	33

94	Evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ Ages for a Churchill province source of ice-rafted amphiboles in Heinrich layer 2. <i>Journal of Glaciology</i> , <b>1996</b> , 42, 440-446	3.4	33
93	Climate change and the collapse of the Akkadian empire: Evidence from the deep sea. <i>Geology</i> , <b>2000</b> , 28, 379-382	5	33
92	Strontium isotope tracing of terrigenous sediment dispersal in the Antarctic Circumpolar Current: Implications for constraining frontal positions. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	32
91	Characterizing the sediment provenance of East Antarctica's weak underbelly: The Aurora and Wilkes sub-glacial basins. <i>Paleoceanography</i> , <b>2011</b> , 26,		31
90	$^{14}\text{C}$ reservoir ages show deglacial changes in ocean currents and carbon cycle. <i>Geophysical Monograph Series</i> , <b>2007</b> , 175-196	1.1	31
89	Erosional history of the Prydz Bay sector of East Antarctica from detrital apatite and zircon geo- and thermochronology multidating. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2012</b> , 13,	3.6	29
88	Use of strontium isotopes in detrital sediments to constrain the glacial position of the Agulhas Retroflection. <i>Paleoceanography</i> , <b>2009</b> , 24, n/a-n/a		28
87	Evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ Ages for a Churchill province source of ice-rafted amphiboles in Heinrich layer 2. <i>Journal of Glaciology</i> , <b>1996</b> , 42, 440-446	3.4	28
86	Interpreting and reporting $^{40}\text{Ar}/^{39}\text{Ar}$ geochronologic data. <i>Bulletin of the Geological Society of America</i> , <b>2021</b> , 133, 461-487	3.9	28
85	Sea surface temperature control on the distribution of far-traveled Southern Ocean ice-rafted detritus during the Pliocene. <i>Paleoceanography</i> , <b>2014</b> , 29, 533-548		27
84	Evidence for a dynamic East Antarctic ice sheet during the mid-Miocene climate transition. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 478, 1-13	5.3	27
83	Neogene tephra correlations in eastern Idaho and Wyoming: Implications for Yellowstone hotspot-related volcanism and tectonic activity. <i>Bulletin of the Geological Society of America</i> , <b>2009</b> , 121, 837-856	3.9	27
82	Paleointensity record from the 2.7 Ga Stillwater Complex, Montana. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2008</b> , 9, n/a-n/a	3.6	27
81	Millennial-scale propagation of Atlantic deep waters to the glacial Southern Ocean. <i>Paleoceanography</i> , <b>2008</b> , 23, n/a-n/a		27
80	Stable lead isotopes, contaminant metals and radionuclides in upper Hudson River sediment cores: implications for improved time stratigraphy and transport processes. <i>Chemical Geology</i> , <b>2003</b> , 199, 53-70	4.2	27
79	A strategy for cross-calibrating U/B chronology and astrochronology of sedimentary sequences: An example from the Green River Formation, Wyoming, USA. <i>Earth and Planetary Science Letters</i> , <b>2015</b> , 413, 70-78	5.3	26
78	High-resolution chemostratigraphic record of late Pleistocene lake-level variability, Mono Lake, California. <i>Bulletin of the Geological Society of America</i> , <b>2011</b> , 123, 2320-2334	3.9	26
77	$^{14}\text{C}$ Ages of Ostracodes from Pleistocene Lake Sediments of the Western Great Basin, USA: Results of Progressive Acid Leaching. <i>Radiocarbon</i> , <b>2004</b> , 46, 189-200	4.6	26

76	40Ar/39Ar ages and 40Ar* concentrations of fine-grained sediment fractions from North Atlantic Heinrich layers. <i>Chemical Geology</i> , <b>2002</b> , 182, 583-603	4.2	26
75	Insights into the age of the Mono Lake Excursion and magmatic crystal residence time from (U-Th)/He and 230Th dating of volcanic allanite. <i>Earth and Planetary Science Letters</i> , <b>2012</b> , 319-320, 178-184	5.3	25
74	A Pan African origin and uplift for the gneisses and peridotites of Zabargad Island, Red Sea: A Nd, Sr, Pb, and Os isotope study. <i>Journal of Geophysical Research</i> , <b>1995</b> , 100, 22283-22297		25
73	Centennial- to millennial-scale ice-ocean interactions in the subpolar northeast Atlantic 18±1 kyr ago. <i>Paleoceanography</i> , <b>2011</b> , 26, n/a-n/a		24
72	Ice-rafted detritus evidence from 40Ar/39Ar ages of individual hornblende grains for evolution of the eastern margin of the Laurentide ice sheet since 43 14Cky. <i>Quaternary International</i> , <b>2003</b> , 99-100, 29-43	2	24
71	Radiogenic isotope fingerprint of Wilkes Land Æd Æle Coast Bottom Water in the circum-Antarctic Ocean. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	23
70	Sources of osmium to the modern oceans: new evidence from the 190 Pt- 186 Os system 1 1Associate editor: E. M. Ripley. <i>Geochimica Et Cosmochimica Acta</i> , <b>2004</b> , 68, 1243-1252	5.5	22
69	40Ar/39Ar and Pb-Pb study of individual hornblende and feldspar grains from southeastern Baffin Island glacial sediments: implications for the provenance of the Heinrich layers. <i>Canadian Journal of Earth Sciences</i> , <b>2000</b> , 37, 879-890	1.5	22
68	Pb isotope constraints on the provenance and diagenesis of detrital feldspars from the Sudbury Basin, Canada. <i>Earth and Planetary Science Letters</i> , <b>1996</b> , 142, 501-512	5.3	22
67	Late Cenozoic tephrostratigraphy offshore the southern Central American Volcanic Arc: 1. Tephra ages and provenance. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 4641-4668	3.6	22
66	More than ten million years of hyper-aridity recorded in the Atacama Gravels. <i>Geochimica Et Cosmochimica Acta</i> , <b>2018</b> , 227, 123-132	5.5	21
65	Geochemical fingerprints of glacially eroded bedrock from West Antarctica: Detrital thermochronology, radiogenic isotope systematics and trace element geochemistry in Late Holocene glacial-marine sediments. <i>Earth-Science Reviews</i> , <b>2018</b> , 182, 204-232	10.2	21
64	Provenance change coupled with increased clay flux during deglacial times in the western equatorial Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>1998</b> , 142, 217-230	2.9	21
63	Eocene calibration of geomagnetic polarity time scale reevaluated: Evidence from the Green River Formation of Wyoming. <i>Geology</i> , <b>2004</b> , 32, 137	5	21
62	Glacial erosion of East Antarctica in the Pliocene: A comparative study of multiple marine sediment provenance tracers. <i>Chemical Geology</i> , <b>2017</b> , 466, 199-218	4.2	20
61	Provinciality of ice rafting in the North Atlantic: application of 40Ar/39Ar dating of individual ice rafted hornblende grains. <i>Quaternary International</i> , <b>2002</b> , 95-96, 75-85	2	19
60	Phasing of Millennial Climate Events and Northeast Atlantic Deep-Water Temperature Change Since 50 Ka Bp. <i>Geophysical Monograph Series</i> , <b>2007</b> , 197-208	1.1	18
59	Age constraints on a Neogene tropical rainforest in China and its relation to the Middle Miocene Climatic Optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2019</b> , 518, 82-88	2.9	18

58	A fixed sublithospheric source for the late Neogene track of the Yellowstone hotspot: Implications of the Heise and Picabo volcanic fields. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2014</b> , 119, 2871-2906	3.6	16
57	Sr isotope evidence for sources of terrigenous sediment in the southeast Atlantic Ocean: Is there increased available Fe for enhanced glacial productivity?. <i>Paleoceanography</i> , <b>2005</b> , 20, n/a-n/a		16
56	The Miocene Galápagos ash layer record of Integrated Ocean Drilling Program Legs 334 and 344: Ocean-island explosive volcanism during plume-ridge interaction. <i>Geology</i> , <b>2015</b> , 43, 599-602	5	15
55	Antarctic icebergs reorganize ocean circulation during Pleistocene glacials. <i>Nature</i> , <b>2021</b> , 589, 236-241	50.4	14
54	Evidence for Extending Anomalous Miocene Volcanism at the Edge of the East Antarctic Craton. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 3009-3016	4.9	13
53	Stratigraphy of the Pleistocene, phonolitic Cã Grande Formation on Santo Antã, Cape Verde. <i>Journal of Volcanology and Geothermal Research</i> , <b>2015</b> , 301, 204-220	2.8	13
52	A 19 to 17 Ma amagmatic extension event at the Mid-Atlantic Ridge: Ultramafic mylonites from the Vema Lithospheric Section. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2009</b> , 10, n/a-n/a	3.6	13
51	Applications of detrital geochronology and thermochronology from glacial deposits to the Paleozoic and Mesozoic thermal history of the Ross Embayment, Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2016</b> , 17, 2762-2780	3.6	13
50	Chronological evidence for extension of the Jehol Biota into Southern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2012</b> , 344-345, 1-5	2.9	12
49	Lead isotopes as a provenance tool for quartz: Examples from plutons and quartzite, northeastern Minnesota, USA. <i>Geochimica Et Cosmochimica Acta</i> , <b>1994</b> , 58, 4455-4464	5.5	12
48	Freshwater control of ice-rafted debris in the last glacial period at Mono Lake, California, USA. <i>Quaternary Research</i> , <b>2011</b> , 76, 264-271	1.9	11
47	Antarctic Stratification, Atmospheric Water Vapor, and Heinrich Events: a Hypothesis for Late Pleistocene Deglaciations. <i>Geophysical Monograph Series</i> , <b>2007</b> , 335-349	1.1	11
46	Pb isotope measurements of sanidine monitor standards: implications for provenance analysis and tephrochronology. <i>Chemical Geology</i> , <b>2000</b> , 165, 331-337	4.2	11
45	Context matters 40Ar/39Ar results from in and around the Manicouagan Impact Structure, Canada: Implications for martian meteorite chronology. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 501, 78-89	5.3	11
44	40Ar/39Ar age constraints on Cretaceous fossil-bearing formations near the China-North Korea border. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2014</b> , 396, 93-98	2.9	10
43	Potential for accurate and precise radiocarbon ages in deglacial-age lacustrine carbonates. <i>Quaternary Geochronology</i> , <b>2012</b> , 13, 81-91	2.7	10
42	Sediment sources of northern Quêbec and Labrador glacial deposits and the northeastern sector of the Laurentide Ice Sheet during ice-rafting events of the last glacial cycle. <i>Quaternary Science Reviews</i> , <b>2009</b> , 28, 3236-3245	3.9	9
41	Is the Frequency of Abrupt Climate Change Modulated by The Orbital Insolation?. <i>Geophysical Monograph Series</i> , <b>2007</b> , 167-174	1.1	9

40	Isotopic and elemental evidence for Scabland Flood sediments offshore Vancouver Island. <i>Quaternary Science Reviews</i> , <b>2016</b> , 139, 129-137	3.9	9
39	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. <i>Earth and Planetary Science Letters</i> , <b>2021</b> , 553, 116657	5.3	9
38	The effects of recent uplift and volcanism on deposition in Mono Lake, California, from seismic-reflection (CHIRP) profiles. <i>Journal of Geophysical Research: Solid Earth</i> , <b>2014</b> , 119, 3955-3970	3.6	8
37	Insights into the late Cenozoic configuration of the Laurentide Ice Sheet from $^{40}\text{Ar}/^{39}\text{Ar}$ dating of glacially transported minerals in midcontinent tills. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2007</b> , 8, n/a-n/a	3.6	8
36	The last 1 million years of the extinct genus <i>Discoaster</i> : Pliocene environment and productivity at Site U1476 (Mozambique Channel). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 505, 187-197	2.9	7
35	Nunatak moraines as a repository of what lies beneath the East Antarctic ice sheet <b>2012</b> ,		7
34	The Malpaisillo Formation: A sequence of explosive eruptions in the mid to late Pleistocene (Nicaragua, Central America). <i>Journal of Volcanology and Geothermal Research</i> , <b>2018</b> , 359, 47-67	2.8	6
33	Reconstruction of the Early Miocene Critical Zone at Loperot, Southwestern Turkana, Kenya. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	6
32	Source, timing, frequency and flux of ice-rafted detritus to the Northeast Atlantic margin, 3012 ka: testing the Heinrich precursor hypothesis. <i>Boreas</i> , <b>2010</b> , 39, no-no	2.4	6
31	An assessment of sanidine from the Fire Clay tonstein as a Carboniferous $^{40}\text{Ar}/^{39}\text{Ar}$ monitor standard and for inter-method comparison to U-Pb zircon geochronology. <i>Chemical Geology</i> , <b>2020</b> , 539, 119485	4.2	5
30	Continental-scale transport of sediments by the Baltic Ice Stream elucidated by coupled grain size and Nd provenance analyses. <i>Earth and Planetary Science Letters</i> , <b>2018</b> , 490, 143-150	5.3	5
29	Radiogenic Lead Isotopes and Time Stratigraphy in the Hudson River, New York. <i>Water, Air and Soil Pollution</i> , <b>2004</b> , 4, 469-482		5
28	Site U1474. <i>Proceedings of the International Ocean Discovery Program</i> ,		5
27	The Isotopx NGX and ATONA Faraday amplifiers. <i>Geochronology</i> , <b>2020</b> , 2, 231-243	3.8	5
26	Indo-Pacific Walker circulation drove Pleistocene African aridification. <i>Nature</i> , <b>2021</b> , 598, 618-623	50.4	5
25	The geochemical and mineralogical fingerprint of West Antarctica's weak underbelly: Pine Island and Thwaites glaciers. <i>Chemical Geology</i> , <b>2020</b> , 550, 119649	4.2	5
24	Temporal and Stratigraphic Framework for Paleoanthropology Sites Within East-Central Area 130, Koobi Fora, Kenya. <i>Frontiers in Earth Science</i> , <b>2019</b> , 7,	3.5	4
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