

# Sidney Hemming

## List of Publications by Year in descending order

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151  
papers

8,517  
citations

57758

44  
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49909

87  
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166  
docs citations

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times ranked

7322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heinrich events: Massive late Pleistocene detritus layers of the North Atlantic and their global climate imprint. <i>Reviews of Geophysics</i> , 2004, 42, .	23.0	1,188
2	Temporal Relationships of Carbon Cycling and Ocean Circulation at Glacial Boundaries. <i>Science</i> , 2005, 307, 1933-1938.	12.6	272
3	Reduced North Atlantic Deep Water flux to the glacial Southern Ocean inferred from neodymium isotope ratios. <i>Nature</i> , 2000, 405, 935-938.	27.8	268
4	Initiation of the western branch of the East African Rift coeval with the eastern branch. <i>Nature Geoscience</i> , 2012, 5, 289-294.	12.9	260
5	Early Proterozoic crustal evolution: Geochemical and NdPb isotopic evidence from metasedimentary rocks, southwestern North America. <i>Geochimica Et Cosmochimica Acta</i> , 1995, 59, 1153-1177.	3.9	249
6	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> , 2008, 105, 10676-10680.	7.1	241
7	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , 2013, 6, 765-769.	12.9	219
8	Intensification and variability of ocean thermohaline circulation through the last deglaciation. <i>Earth and Planetary Science Letters</i> , 2004, 225, 205-220.	4.4	199
9	Towards explaining the Nd paradox using reversible scavenging in an ocean general circulation model. <i>Earth and Planetary Science Letters</i> , 2008, 274, 448-461.	4.4	164
10	Samarium/neodymium elemental and isotopic systematics in sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 887-898.	3.9	142
11	Abrupt changes in Antarctic Intermediate Water circulation over the past 25,000 years. <i>Nature Geoscience</i> , 2008, 1, 870-874.	12.9	137
12	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> , 2007, 26, 862-875.	3.0	133
13	High resolution evidence for linkages between NW European ice sheet instability and Atlantic Meridional Overturning Circulation. <i>Earth and Planetary Science Letters</i> , 2006, 243, 476-488.	4.4	128
14	Deep Pacific CaCO <sub>3</sub> compensation and glacial-interglacial atmospheric CO <sub>2</sub> . <i>Earth and Planetary Science Letters</i> , 2005, 231, 317-336.	4.4	125
15	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-Sr-Pb isotopes in the fine sediment fraction. <i>Earth and Planetary Science Letters</i> , 1998, 164, 317-333.	4.4	124
16	Provenance of icebergs during Heinrich Event 3 and the contrast to their sources during other Heinrich episodes. <i>Paleoceanography</i> , 1996, 11, 371-378.	3.0	121
17	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> , 2012, 10, 234-251.	2.0	119
18	Two high-pressure-low-temperature serpentinite-matrix mélange belts, Motagua fault zone, Guatemala: A record of Aptian and Maastrichtian collisions. <i>Geology</i> , 2004, 32, 17.	4.4	114

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19	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> , 1994, 58, 931-941.	3.9	112
20	Global neodymium-hafnium isotope systematics revisited. <i>Earth and Planetary Science Letters</i> , 2007, 259, 432-441.	4.4	110
21	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> , 2009, 278, 257-266.	4.4	107
22	Tracking the sources of icebergs with lead isotopes: The provenance of ice-rafted debris in Heinrich layer 2. <i>Paleoceanography</i> , 1996, 11, 77-93.	3.0	102
23	Interpreting and reporting $^{40}\text{Ar}/^{39}\text{Ar}$ geochronologic data. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 461-487.	3.3	102
24	$^{40}\text{Ar}/^{39}\text{Ar}$ 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> , 2007, 244, 507-519.	3.3	98
25	Oscillating glacial northern and southern deep water formation from combined neodymium and carbon isotopes. <i>Earth and Planetary Science Letters</i> , 2008, 272, 394-405.	4.4	98
26	Data reporting norms for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Quaternary Geochronology</i> , 2009, 4, 346-352.	1.4	97
27	Detrital Zircon Geochronology of Taconian and Acadian Foreland Sedimentary Rocks in New England. <i>Journal of Sedimentary Research</i> , 2001, 71, 305-317.	1.6	96
28	Pb isotope compositions of modern deep sea turbidites. <i>Earth and Planetary Science Letters</i> , 2001, 184, 489-503.	4.4	91
29	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> , 2010, 290, 351-361.	4.4	90
30	Climate change and the collapse of the Akkadian empire: Evidence from the deep sea. <i>Geology</i> , 2000, 28, 379-382.	4.4	87
31	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> , 1996, 60, 2817-2832.	3.9	82
32	Modeling the distribution of Nd isotopes in the oceans using an ocean general circulation model. <i>Earth and Planetary Science Letters</i> , 2008, 272, 610-619.	4.4	78
33	Laschamp Excursion at Mono Lake?. <i>Earth and Planetary Science Letters</i> , 2002, 197, 151-164.	4.4	76
34	Temporal stability of the neodymium isotope signature of the Holocene to glacial North Atlantic. <i>Paleoceanography</i> , 2006, 21, .	3.0	72
35	PALEOCLIMATE: Climate Swings Come into Focus. <i>Science</i> , 2001, 294, 2308-2309.	12.6	71
36	The contribution of glacial erosion to shaping the hidden landscape of East Antarctica. <i>Nature Geoscience</i> , 2013, 6, 203-207.	12.9	70

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37	The lithium isotopic composition of waters of the Mono Basin, California. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 601-611.	3.9	69
38	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> , 2013, 368, 20-32.	4.4	69
39	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> , 2009, 284, 228-235.	4.4	68
40	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> , 1995, 103, 147-168.	1.4	66
41	A Reassessment of U-Th and $^{14}\text{C}$ Ages for Late-Glacial High-Frequency Hydrological Events at Searles Lake, California. <i>Quaternary Research</i> , 1998, 49, 11-23.	1.7	66
42	Reduced Agulhas Leakage during the Last Glacial Maximum inferred from an integrated provenance and flux study. <i>Earth and Planetary Science Letters</i> , 2006, 250, 72-88.	4.4	65
43	Revised chronology for late Pleistocene Mono Lake sediments based on paleointensity correlation to the global reference curve. <i>Earth and Planetary Science Letters</i> , 2006, 252, 94-106.	4.4	57
44	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> , 2012, 10, 252-269.	2.0	54
45	Analysis of Antarctic glacial sediment provenance through geochemical and petrologic applications. <i>Quaternary Science Reviews</i> , 2017, 164, 1-24.	3.0	50
46	Mechanisms for an $\sim 147$ -kyr climate and sea-level oscillation during marine isotope stage 3. <i>Geophysical Monograph Series</i> , 2007, , 209-246.	0.1	47
47	$^{14}\text{C}$ reservoir ages show deglacial changes in ocean currents and carbon cycle. <i>Geophysical Monograph Series</i> , 2007, , 175-196.	0.1	46
48	Extremely low long-term erosion rates around the Gamburtsev Mountains in interior East Antarctica. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	46
49	Sources of Fe to the equatorial Pacific Ocean from the Holocene to Miocene. <i>Earth and Planetary Science Letters</i> , 2008, 270, 258-270.	4.4	45
50	Climate-correlated variations in seawater $^{187}\text{Os}/^{188}\text{Os}$ over the past 200,000 yr: Evidence from the Cariaco Basin, Venezuela. <i>Earth and Planetary Science Letters</i> , 2007, 263, 246-258.	4.4	44
51	A comparison of detrital U–Pb zircon, $^{40}\text{Ar}/^{39}\text{Ar}$ hornblende, $^{40}\text{Ar}/^{39}\text{Ar}$ biotite ages in marine sediments off East Antarctica: Implications for the geology of subglacial terrains and provenance studies. <i>Earth-Science Reviews</i> , 2014, 138, 156-178.	9.1	44
52	Evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ Ages of Individual Hornblende Grains for Varying Laurentide Sources of Iceberg Discharges 22,000 to 10,500 yr B.P.. <i>Quaternary Research</i> , 2000, 54, 372-383.	1.7	43
53	$^{40}\text{Ar}/^{39}\text{Ar}$ age constraints on the Haifanggou and Lanqi formations: When did the first flowers bloom?. <i>Geological Society Special Publication</i> , 2014, 378, 277-284.	1.3	43
54	Evidence against a young volcanic origin of the Gamburtsev Subglacial Mountains, Antarctica. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	42

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55	Age constraints on a Neogene tropical rainforest in China and its relation to the Middle Miocene Climatic Optimum. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 82-88.	2.3	42
56	Spectral analysis of the lower Eocene Wilkins Peak Member, Green River Formation, Wyoming: Support for Milankovitch cyclicity. <i>Earth and Planetary Science Letters</i> , 2008, 268, 64-75.	4.4	41
57	Evidence for a dynamic East Antarctic ice sheet during the mid-Miocene climate transition. <i>Earth and Planetary Science Letters</i> , 2017, 478, 1-13.	4.4	40
58	Paleointensity record from the 2.7 Ga Stillwater Complex, Montana. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	38
59	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> , 1996, 42, 440-446.	2.2	36
60	Strontium isotope tracing of terrigenous sediment dispersal in the Antarctic Circumpolar Current: Implications for constraining frontal positions. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	36
61	Sea surface temperature control on the distribution of far-traveled Southern Ocean ice-rafted detritus during the Pliocene. <i>Paleoceanography</i> , 2014, 29, 533-548.	3.0	36
62	A strategy for cross-calibrating $\text{U}\text{-}\text{Pb}$ chronology and astrochronology of sedimentary sequences: An example from the Green River Formation, Wyoming, USA. <i>Earth and Planetary Science Letters</i> , 2015, 413, 70-78.	4.4	35
63	$^{14}\text{C}$ Ages of Ostracodes from Pleistocene Lake Sediments of the Western Great Basin, USA—Results of Progressive Acid Leaching. <i>Radiocarbon</i> , 2004, 46, 189-200.	1.8	34
64	Contrasting conditions preceding MIS3 and MIS2 Heinrich events. <i>Global and Planetary Change</i> , 2006, 54, 225-238.	3.5	34
65	Characterizing the sediment provenance of East Antarctica's weak underbelly: The Aurora and Wilkes subglacial basins. <i>Paleoceanography</i> , 2011, 26, .	3.0	34
66	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> , 1995, 100, 22283-22297.	3.3	33
67	Millennial-scale propagation of Atlantic deep waters to the glacial Southern Ocean. <i>Paleoceanography</i> , 2008, 23, .	3.0	33
68	High-resolution chemostratigraphic record of late Pleistocene lake-level variability, Mono Lake, California. <i>Bulletin of the Geological Society of America</i> , 2011, 123, 2320-2334.	3.3	33
69	Late Cenozoic tephrostratigraphy offshore the southern Central American Volcanic Arc: 1. Tephra ages and provenance. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4641-4668.	2.5	33
70	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and $^{40}\text{Ar}^*$ concentrations of fine-grained sediment fractions from North Atlantic Heinrich layers. <i>Chemical Geology</i> , 2002, 182, 583-603.	3.3	32
71	Erosional history of the Prydz Bay sector of East Antarctica from detrital apatite and zircon geochronology multidating. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	32
72	More than ten million years of hyper-aridity recorded in the Atacama Gravels. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 227, 123-132.	3.9	32

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73	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> , 2018, 182, 204-232.	9.1	30
74	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> , 1996, 42, 440-446.	2.2	29
75	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> , 2003, 199, 53-70.	3.3	29
76	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> , 2009, 121, 837-856.	3.3	29
77	Phasing of millennial climate events and northeast Atlantic deep-water temperature change since 50 ka BP. <i>Geophysical Monograph Series</i> , 2007, , 197-208.	0.1	28
78	Use of strontium isotopes in detrital sediments to constrain the glacial position of the Agulhas Retroflection. <i>Paleoceanography</i> , 2009, 24, .	3.0	28
79	Insights into the age of the Mono Lake Excursion and magmatic crystal residence time from $(\text{U}/\text{Th})/\text{He}$ and $^{230}\text{Th}$ dating of volcanic allanite. <i>Earth and Planetary Science Letters</i> , 2012, 319-320, 178-184.	4.4	28
80	Antarctic icebergs reorganize ocean circulation during Pleistocene glacials. <i>Nature</i> , 2021, 589, 236-241.	27.8	28
81	Pb isotope constraints on the provenance and diagenesis of detrital feldspars from the Sudbury Basin, Canada. <i>Earth and Planetary Science Letters</i> , 1996, 142, 501-512.	4.4	27
82	Ice-rafted detritus evidence from $^{40}\text{Ar}/^{39}\text{Ar}$ ages of individual hornblende grains for evolution of the eastern margin of the Laurentide ice sheet since 43 14Cky. <i>Quaternary International</i> , 2003, 99-100, 29-43.	1.5	27
83	Centennial to millennial scale ice-ocean interactions in the subpolar northeast Atlantic 18-41 kyr ago. <i>Paleoceanography</i> , 2011, 26, .	3.0	27
84	Glacial erosion of East Antarctica in the Pliocene: A comparative study of multiple marine sediment provenance tracers. <i>Chemical Geology</i> , 2017, 466, 199-218.	3.3	26
85	Eocene calibration of geomagnetic polarity time scale reevaluated: Evidence from the Green River Formation of Wyoming. <i>Geology</i> , 2004, 32, 137.	4.4	25
86	Sources of osmium to the modern oceans: new evidence from the $^{190}\text{Pt}$ - $^{186}\text{Os}$ system   Associate editor: E. M. Ripley. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1243-1252.	3.9	24
87	Radiogenic isotope fingerprint of Wilkes Land Antarctic Coast Bottom Water in the circum-Antarctic Ocean. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	24
88	Provenance change coupled with increased clay flux during deglacial times in the western equatorial Atlantic. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1998, 142, 217-230.	2.3	23
89	Provinciality of ice rafting in the North Atlantic: application of $^{40}\text{Ar}/^{39}\text{Ar}$ dating of individual ice rafted hornblende grains. <i>Quaternary International</i> , 2002, 95-96, 75-85.	1.5	23
90	$^{40}\text{Ar}/^{39}\text{Ar}$ 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> , 2000, 37, 879-890.	1.3	22

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91	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> , 2021, 553, 116657.	4.4	21
92	A large West Antarctic Ice Sheet explains early Neogene sea-level amplitude. <i>Nature</i> , 2021, 600, 450-455.	27.8	21
93	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> , 2009, 10, .	2.5	19
94	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> , 2014, 119, 2871-2906.	3.4	19
95	Context matters – Ar results from in and around the Manicouagan Impact Structure, Canada: Implications for martian meteorite chronology. <i>Earth and Planetary Science Letters</i> , 2018, 501, 78-89.	4.4	19
96	Chronological evidence for extension of the Jehol Biota into Southern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 344-345, 1-5.	2.3	18
97	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> , 2005, 20, n/a-n/a.	3.0	17
98	Source, timing, frequency and flux of ice-rafted detritus to the Northeast Atlantic margin, 30–12 ka: testing the Heinrich precursor hypothesis. <i>Boreas</i> , 2010, 39, 576-591.	2.4	17
99	Potential for accurate and precise radiocarbon ages in deglacial-age lacustrine carbonates. <i>Quaternary Geochronology</i> , 2012, 13, 81-91.	1.4	17
100	The Miocene Galapagos ash layer record of Integrated Ocean Drilling Program Legs 334 and 344: Ocean-island explosive volcanism during plume-ridge interaction. <i>Geology</i> , 2015, 43, 599-602.	4.4	17
101	Indo-Pacific Walker circulation drove Pleistocene African aridification. <i>Nature</i> , 2021, 598, 618-623.	27.8	17
102	Freshwater control of ice-rafted debris in the last glacial period at Mono Lake, California, USA. <i>Quaternary Research</i> , 2011, 76, 264-271.	1.7	15
103	Evidence for Extending Anomalous Miocene Volcanism at the Edge of the East Antarctic Craton. <i>Geophysical Research Letters</i> , 2018, 45, 3009-3016.	4.0	15
104	Rapid erosion of the central Transantarctic Mountains at the Eocene-Oligocene transition: Evidence from skewed (U-Th)/He date distributions near Beardmore Glacier. <i>Earth and Planetary Science Letters</i> , 2021, 567, 117009.	4.4	15
105	Is the frequency of abrupt climate change modulated by the orbital insolation?. <i>Geophysical Monograph Series</i> , 2007, , 167-174.	0.1	14
106	Antarctic stratification, atmospheric water vapor, and Heinrich Events: A hypothesis for Late Pleistocene deglaciations. <i>Geophysical Monograph Series</i> , 2007, , 335-349.	0.1	14
107	Stratigraphy of the Pleistocene, phonolitic Cão Grande Formation on Santo Antão, Cape Verde. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 204-220.	2.1	14
108	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> , 2016, 17, 2762-2780.	2.5	14



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109	Lead isotopes as a provenance tool for quartz: Examples from plutons and quartzite, northeastern Minnesota, USA. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 4455-4464.	3.9	13
110	Pb isotope measurements of sanidine monitor standards: implications for provenance analysis and tephrochronology. <i>Chemical Geology</i> , 2000, 165, 331-337.	3.3	13
111	$^{40}\text{Ar}/^{39}\text{Ar}$ age constraints on Cretaceous fossil-bearing formations near the China–North Korea border. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 396, 93-98.	2.3	13
112	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Pliocene–Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003994.	2.9	12
113	Sediment sources of northern Québec 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> , 2009, 28, 3236-3245.	3.0	11
114	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> , 2014, 119, 3955-3970.	3.4	11
115	Isotopic and elemental evidence for Scabland Flood sediments offshore Vancouver Island. <i>Quaternary Science Reviews</i> , 2016, 139, 129-137.	3.0	11
116	Reconstruction of the Early Miocene Critical Zone at Loperot, Southwestern Turkana, Kenya. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	11
117	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> , 2020, 539, 119485.	3.3	11
118	Latitudinal Migrations of the Subtropical Front at the Agulhas Plateau Through the Mid-Pleistocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004084.	2.9	11
119	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years. <i>Nature Communications</i> , 2022, 13, 2044.	12.8	11
120	Nunatak moraines as a repository of what lies beneath the East Antarctic ice sheet. , 2012, , .		10
121	The last 1-million years of the extinct genus <i>Discoaster</i> : Pliocene–Pleistocene environment and productivity at Site U1476 (Mozambique Channel). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2018, 505, 187-197.	2.3	10
122	The geochemical and mineralogical fingerprint of West Antarctica's weak underbelly: Pine Island and Thwaites glaciers. <i>Chemical Geology</i> , 2020, 550, 119649.	3.3	10
123	The Isotopx NGX and ATONA Faraday amplifiers. <i>Geochronology</i> , 2020, 2, 231-243.	2.5	10
124	Millennial-scale interhemispheric asymmetry of low-latitude precipitation: Speleothem evidence and possible high-latitude forcing. <i>Geophysical Monograph Series</i> , 2007, , 279-294.	0.1	9
125	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> , 2018, 359, 47-67.	2.1	9
126	Temporal and Stratigraphic Framework for Paleoanthropology Sites Within East-Central Area 130, Koobi Fora, Kenya. <i>Frontiers in Earth Science</i> , 2019, 7, .	1.8	9



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127	A New Seismic Stratigraphy in the Indian Atlantic Ocean Gateway Resembles Major Paleooceanographic Changes of the Last 7 Ma. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 339-358.	2.5	9
128	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> , 2007, 8, .	2.5	8
129	Strong glacial-interglacial variability in upper ocean hydrodynamics, biogeochemistry, and productivity in the southern Indian Ocean. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	6.8	8
130	An Orphaned Baltic Terrane in the Greenland Caledonides: A Sm-Nd and Detrital Zircon Study of a High-Pressure/Ultrahigh-Pressure Complex in Liverpool Land. <i>Journal of Geology</i> , 2016, 124, 541-567.	1.4	6
131	Reexamination of the Crustal Boundary Context of Mesoproterozoic Granites in Southern Nevada Using U-Pb Zircon Chronology and Nd and Pb Isotopic Compositions. <i>Journal of Geology</i> , 2016, 124, 313-329.	1.4	6
132	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> , 2018, 490, 143-150.	4.4	6
133	Site U1474. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	6
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