

# Sidney Hemming

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1493539/publications.pdf>

Version: 2024-02-01

151  
papers

8,517  
citations

57758

44  
h-index

49909

87  
g-index

166  
all docs

166  
docs citations

166  
times ranked

7322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detrital geochronology and lithologic signatures of Weddell Sea Embayment ice streams, Antarctica—Implications for subglacial geology and ice sheet history. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 1895-1915.	3.3	2
2	New Discovery of Oligocene Strata in the Topernawi Formation, Turkana County, Kenya. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	2
3	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years. <i>Nature Communications</i> , 2022, 13, 2044.	12.8	11
4	Episodes of Early Pleistocene West Antarctic Ice Sheet Retreat Recorded by Iceberg Alley Sediments. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	5
5	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
6	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
7	Antarctic icebergs reorganize ocean circulation during Pleistocene glacials. <i>Nature</i> , 2021, 589, 236-241.	27.8	28
8	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
9	Late Pleistocene Emergence of Crystalline Canadian Shield Sources in Sediments of the Northern Gulf of Mexico. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004082.	2.9	2
10	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
11	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
12	Thermodynamic evaporation and freshwater mixing models to test salinity proxies for late Pleistocene lake levels, Mono Lake, California. , 2021, , 435-445.		0
13	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
14	Little Change in Ice Age Water Mass Structure From Cape Basin Benthic Neodymium and Carbon Isotopes. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004281.	2.9	6
15	Indo-Pacific Walker circulation drove Pleistocene African aridification. <i>Nature</i> , 2021, 598, 618-623.	27.8	17
16	A large West Antarctic Ice Sheet explains early Neogene sea-level amplitude. <i>Nature</i> , 2021, 600, 450-455.	27.8	21
17	Development of a protocol to obtain the composition of terrigenous detritus in marine sediments - a pilot study from International Ocean Discovery Program Expedition 361. <i>Chemical Geology</i> , 2020, 535, 119449.	3.3	5
18	A User-Friendly Workbook to Facilitate Rapid and Accurate Rare Earth Element Analyses by ICP-MS for Multispiked Samples. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009042.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Sequential extraction procedure to obtain the composition of terrigenous detritus in marine sediments. <i>MethodsX</i> , 2020, 7, 100888.	1.6	0
20	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
21	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
22	The Isotopx NGX and ATONA Faraday amplifiers. <i>Geochronology</i> , 2020, 2, 231-243.	2.5	10
23	Reconstruction of the Early Miocene Critical Zone at Loperot, Southwestern Turkana, Kenya. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	2.2	11
24	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
25	New K/Ar age values and context from published clay mineralogy and Sr and Nd isotopes as tracers of terrigenous Atlantic Ocean sediments. <i>Marine Geology</i> , 2019, 411, 36-50.	2.1	2
26	$^{40}\text{Ar}/^{39}\text{Ar}$ and paleomagnetic constraints on the age and areal extent of the Picabo volcanic field: Implications for the Yellowstone hotspot. , 2019, 15, 716-735.		2
27	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
28	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
29	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
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> , 2018, 490, 143-150.	4.4	6
31	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
32	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
33	Context matters – $^{40}\text{Ar}/^{39}\text{Ar}$ 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
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> , 2018, 359, 47-67.	2.1	9
35	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> , 2018, 505, 187-197.	2.3	10
36	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

#	ARTICLE	IF	CITATIONS
37	Analysis of Antarctic glacial sediment provenance through geochemical and petrologic applications. <i>Quaternary Science Reviews</i> , 2017, 164, 1-24.	3.0	50
38	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
39	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
40	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
41	Isotopic and elemental evidence for Scabland Flood sediments offshore Vancouver Island. <i>Quaternary Science Reviews</i> , 2016, 139, 129-137.	3.0	11
42	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
43	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
44	40AR/39AR AND PALEOMAGNETIC CONSTRAINTS ON THE AGE AND AREAL EXTENT OF THE PICABO VOLCANIC FIELD: IMPLICATIONS FOR THE YELLOWSTONE HOTSPOT. , 2016, , .		2
45	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> , 2015, 43, 599-602.	4.4	17
46	Stratigraphy of the Pleistocene, phonolitic São Grande Formation on Santo Antão, Cape Verde. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 301, 204-220.	2.1	14
47	A strategy for cross-calibrating U-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
48	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
49	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
50	<sup>40</sup> Ar/ <sup>39</sup> Ar hornblende provenance clues about Heinrich event 3 (H3). <i>Geological Society Special Publication</i> , 2014, 378, 245-263.	1.3	1
51	<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> , 2014, 378, 277-284.	1.3	43
52	40Ar/39Ar 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
53	A comparison of detrital U-Pb zircon, 40Ar/39Ar hornblende, 40Ar/39Ar 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
54	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

#	ARTICLE	IF	CITATIONS
55	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , 2013, 6, 765-769.	12.9	219
56	The contribution of glacial erosion to shaping the hidden landscape of East Antarctica. <i>Nature Geoscience</i> , 2013, 6, 203-207.	12.9	70
57	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
58	Late glacial and deglacial history of ice rafting in the Labrador Sea: A perspective from radiogenic isotopes in marine sediments. , 2012, , .		5
59	Nunatak moraines as a repository of what lies beneath the East Antarctic ice sheet. , 2012, , .		10
60	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
61	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
62	Potential for accurate and precise radiocarbon ages in deglacial-age lacustrine carbonates. <i>Quaternary Geochronology</i> , 2012, 13, 81-91.	1.4	17
63	Chronological evidence for extension of the Jehol Biota into Southern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 344-345, 1-5.	2.3	18
64	Insights into the age of the Mono Lake Excursion and magmatic crystal residence time from (U <sup>235</sup> Th)/He and <sup>230</sup> Th dating of volcanic allanite. <i>Earth and Planetary Science Letters</i> , 2012, 319-320, 178-184.	4.4	28
65	Erosional history of the Prydz Bay sector of East Antarctica from detrital apatite and zircon geo <sup>and</sup> and thermochronology multidating. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	32
66	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
67	Centennial <sup>to</sup> millennial <sup>scale</sup> ice <sup>ocean</sup> interactions in the subpolar northeast Atlantic 18 <sup>41</sup> kyr ago. <i>Paleoceanography</i> , 2011, 26, .	3.0	27
68	Characterizing the sediment provenance of East Antarctica's weak underbelly: The Aurora and Wilkes sub <sup>glacial</sup> basins. <i>Paleoceanography</i> , 2011, 26, .	3.0	34
69	Assessing Li and other leachable geochemical proxies for paleo-salinity in lake sediments from the Mono Basin, CA (USA). <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7855-7863.	3.9	4
70	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
71	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
72	Source, timing, frequency and flux of ice <sup>rafted</sup> detritus to the Northeast Atlantic margin, 30 <sup>12</sup> ka: testing the Heinrich precursor hypothesis. <i>Boreas</i> , 2010, 39, 576-591.	2.4	17

#	ARTICLE	IF	CITATIONS
73	Extremely low long-term erosion rates around the Gamburtsev Mountains in interior East Antarctica. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	46
74	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
75	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
76	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
77	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
78	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
79	A 19 to 17 Ma magmatic extension event at the Mid-Atlantic Ridge: Ultramafic mylonites from the Vema Lithospheric Section. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	19
80	Data reporting norms for $^{40}\text{Ar}/^{39}\text{Ar}$ geochronology. <i>Quaternary Geochronology</i> , 2009, 4, 346-352.	1.4	97
81	Use of strontium isotopes in detrital sediments to constrain the glacial position of the Agulhas Retroflexion. <i>Paleoceanography</i> , 2009, 24, .	3.0	28
82	Abrupt changes in Antarctic Intermediate Water circulation over the past 25,000 years. <i>Nature Geoscience</i> , 2008, 1, 870-874.	12.9	137
83	Paleointensity record from the 2.7 Ga Stillwater Complex, Montana. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	38
84	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
85	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
86	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
87	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
88	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
89	Evidence against a young volcanic origin of the Gamburtsev Subglacial Mountains, Antarctica. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	42
90	Millennial-scale propagation of Atlantic deep waters to the glacial Southern Ocean. <i>Paleoceanography</i> , 2008, 23, .	3.0	33

#	ARTICLE	IF	CITATIONS
91	Mid-Miocene cooling and the extinction of tundra in continental Antarctica. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10676-10680.	7.1	241
92	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. Quaternary Science Reviews, 2007, 26, 862-875.	3.0	133
93	Global neodymium-hafnium isotope systematics revisited. Earth and Planetary Science Letters, 2007, 259, 432-441.	4.4	110
94	Climate-correlated variations in seawater 187Os/188Os over the past 200,000Åyr: Evidence from the Cariaco Basin, Venezuela. Earth and Planetary Science Letters, 2007, 263, 246-258.	4.4	44
95	<sup>40</sup> Ar/ <sup>39</sup> Ar ages of hornblende grains and bulk Sm/Nd isotopes of circum-Antarctic glacio-marine sediments: Implications for sediment provenance in the southern ocean. Chemical Geology, 2007, 244, 507-519.	3.3	98
96	Is the frequency of abrupt climate change modulated by the orbital insolation?. Geophysical Monograph Series, 2007, , 167-174.	0.1	14
97	Phasing of millennial climate events and northeast Atlantic deep-water temperature change since 50 ka BP. Geophysical Monograph Series, 2007, , 197-208.	0.1	28
98	Mechanisms for an ~47-kyr climate and sea-level oscillation during marine isotope stage 3. Geophysical Monograph Series, 2007, , 209-246.	0.1	47
99	Antarctic stratification, atmospheric water vapor, and Heinrich Events: A hypothesis for Late Pleistocene deglaciations. Geophysical Monograph Series, 2007, , 335-349.	0.1	14
100	Millennial-scale interhemispheric asymmetry of low-latitude precipitation: Speleothem evidence and possible high-latitude forcing. Geophysical Monograph Series, 2007, , 279-294.	0.1	9
101	<sup>14</sup> C reservoir ages show deglacial changes in ocean currents and carbon cycle. Geophysical Monograph Series, 2007, , 175-196.	0.1	46
102	Strontium isotope tracing of terrigenous sediment dispersal in the Antarctic Circumpolar Current: Implications for constraining frontal positions. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	36
103	Insights into the late Cenozoic configuration of the Laurentide Ice Sheet from <sup>40</sup> Ar/ <sup>39</sup> Ar dating of glacially transported minerals in midcontinent tills. Geochemistry, Geophysics, Geosystems, 2007, 8, .	2.5	8
104	Radiogenic isotope fingerprint of Wilkes Land Adlie Coast Bottom Water in the circum-Antarctic Ocean. Geophysical Research Letters, 2006, 33, .	4.0	24
105	Temporal stability of the neodymium isotope signature of the Holocene to glacial North Atlantic. Paleoceanography, 2006, 21, .	3.0	72
106	High resolution evidence for linkages between NW European ice sheet instability and Atlantic Meridional Overturning Circulation. Earth and Planetary Science Letters, 2006, 243, 476-488.	4.4	128
107	Reduced Agulhas Leakage during the Last Glacial Maximum inferred from an integrated provenance and flux study. Earth and Planetary Science Letters, 2006, 250, 72-88.	4.4	65
108	Revised chronology for late Pleistocene Mono Lake sediments based on paleointensity correlation to the global reference curve. Earth and Planetary Science Letters, 2006, 252, 94-106.	4.4	57

#	ARTICLE	IF	CITATIONS
109	Contrasting conditions preceding MIS3 and MIS2 Heinrich events. <i>Global and Planetary Change</i> , 2006, 54, 225-238.	3.5	34
110	Temporal Relationships of Carbon Cycling and Ocean Circulation at Glacial Boundaries. <i>Science</i> , 2005, 307, 1933-1938.	12.6	272
111	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
112	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
113	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
114	Radiogenic Lead Isotopes and Time Stratigraphy in the Hudson River, New York. <i>Water, Air and Soil Pollution</i> , 2004, 4, 469-482.	0.8	5
115	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
116	Sources of osmium to the modern oceans: new evidence from the 190 Pt- 186 Os system 1 Associate editor: E. M. Ripley. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1243-1252.	3.9	24
117	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
118	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
119	<sup>14</sup> 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
120	Radiogenic Lead Isotopes and Time Stratigraphy in the Hudson River, New York. , 2004, , 469-482.		1
121	The lithium isotopic composition of waters of the Mono Basin, California. <i>Geochimica Et Cosmochimica Acta</i> , 2003, 67, 601-611.	3.9	69
122	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
123	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> , 2003, 99-100, 29-43.	1.5	27
124	40Ar/39Ar ages and 40Ar* concentrations of fine-grained sediment fractions from North Atlantic Heinrich layers. <i>Chemical Geology</i> , 2002, 182, 583-603.	3.3	32
125	Laschamp Excursion at Mono Lake?. <i>Earth and Planetary Science Letters</i> , 2002, 197, 151-164.	4.4	76
126	Provinciality of ice rafting in the North Atlantic: application of 40Ar/39Ar dating of individual ice rafted hornblende grains. <i>Quaternary International</i> , 2002, 95-96, 75-85.	1.5	23



#	ARTICLE	IF	CITATIONS
127	Pb isotope compositions of modern deep sea turbidites. <i>Earth and Planetary Science Letters</i> , 2001, 184, 489-503.	4.4	91
128	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
129	PALEOCLIMATE: Climate Swings Come into Focus. <i>Science</i> , 2001, 294, 2308-2309.	12.6	71
130	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
131	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
132	Pb isotope measurements of sanidine monitor standards: implications for provenance analysis and tephrochronology. <i>Chemical Geology</i> , 2000, 165, 331-337.	3.3	13
133	$^{40}\text{Ar}/^{39}\text{Ar}$ 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
134	Climate change and the collapse of the Akkadian empire: Evidence from the deep sea. <i>Geology</i> , 2000, 28, 379-382.	4.4	87
135	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
136	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
137	Provenance of Heinrich layers in core V28-82, northeastern Atlantic: $^{40}\text{Ar}/^{39}\text{Ar}$ ages of ice-rafted hornblende, Pb isotopes in feldspar grains, and $^{87}\text{Sr}/^{86}\text{Sr}$ - $^{206}\text{Pb}$ isotopes in the fine sediment fraction. <i>Earth and Planetary Science Letters</i> , 1998, 164, 317-333.	4.4	124
138	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
139	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
140	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
141	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
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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
148	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
149	Samarium/neodymium elemental and isotopic systematics in sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , 1992, 56, 887-898.	3.9	142
150	Site U1474. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	6
151	Data report: X-ray fluorescence core scanning of IODP Site U1474 sediments, Natal Valley, Southwest Indian Ocean, Expedition 361. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	1