

Gavin Foster

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

15,266
citations

17440

63
h-index

18130

120
g-index

177
all docs

177
docs citations

177
times ranked

12133
citing authors

#	ARTICLE	IF	CITATIONS
1	No ion is an island: Multiple ions influence boron incorporation into CaCO ₃ . <i>Geochimica Et Cosmochimica Acta</i> , 2022, 318, 510-530.	3.9	11
2	New Calcium Carbonate Nano-particulate Pressed Powder Pellet (NFHS-2â€NP) for LAâ€ICPâ€OES, LAâ€(MC)â€ICPâ€MS, and μ XRF. <i>Geostandards and Geoanalytical Research</i> , 2022, 46, 411-432.	3.1	6
3	Abrupt upwelling and CO ₂ outgassing episodes in the north-eastern Arabian Sea since mid-Holocene. <i>Scientific Reports</i> , 2022, 12, 3830.	3.3	2
4	Surface ocean warming and acidification driven by rapid carbon release precedes Paleocene-Eocene Thermal Maximum. <i>Science Advances</i> , 2022, 8, eabg1025.	10.3	13
5	Glacial-aged development of the Tunisian Coral Mound Province controlled by glacio-eustatic oscillations and changes in surface productivity. <i>Marine Geology</i> , 2022, 446, 106772.	2.1	7
6	Impact of nitrogen (N) and phosphorus (P) enrichment and skewed N:P stoichiometry on the skeletal formation and microstructure of symbiotic reef corals. <i>Coral Reefs</i> , 2022, 41, 1147-1159.	2.2	10
7	Laurentide Ice Sheet extent over the last 130 thousand years traced by the Pb isotope signature of weathering inputs to the Labrador Sea. <i>Quaternary Science Reviews</i> , 2022, 287, 107564.	3.0	5
8	Sub-Permil Interlaboratory Consistency for Solution-Based Boron Isotope Analyses on Marine Carbonates. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 59-75.	3.1	31
9	NIST RM 8301 Boron Isotopes in Marine Carbonate (Simulated Coral and Foraminifera Solutions): Inter-laboratory $\delta^{11}\text{B}$ and Trace Element Ratio Value Assignment. <i>Geostandards and Geoanalytical Research</i> , 2021, 45, 77-96.	3.1	24
10	DeepMIP: model intercomparison of early Eocene climatic optimum (EECO) large-scale climate features and comparison with proxy data. <i>Climate of the Past</i> , 2021, 17, 203-227.	3.4	71
11	Mapping coral calcification strategies from in situ boron isotope and trace element measurements of the tropical coral <i>Siderastrea siderea</i> . <i>Scientific Reports</i> , 2021, 11, 472.	3.3	14
12	Glacio-eustatic variations and sapropel events as main controls on the Middle Pleistocene-Holocene evolution of the Cabliers Coral Mound Province (W Mediterranean). <i>Quaternary Science Reviews</i> , 2021, 253, 106783.	3.0	12
13	Atmospheric CO ₂ over the Past 66 Million Years from Marine Archives. <i>Annual Review of Earth and Planetary Sciences</i> , 2021, 49, 609-641.	11.0	156
14	Porites Calcifying Fluid pH on Seasonal to Diurnal Scales. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2020JC016889.	2.6	5
15	Sea level and deep-sea temperature reconstructions suggest quasi-stable states and critical transitions over the past 40 million years. <i>Science Advances</i> , 2021, 7, .	10.3	29
16	Global chemical weathering dominated by continental arcs since the mid-Palaeozoic. <i>Nature Geoscience</i> , 2021, 14, 690-696.	12.9	40
17	Geological Society of London Scientific Statement: what the geological record tells us about our present and future climate. <i>Journal of the Geological Society</i> , 2021, 178, .	2.1	12
18	An Assessment of Earth's Climate Sensitivity Using Multiple Lines of Evidence. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000678.	23.0	498

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19	The Flux and Provenance of Dust Delivered to the SW Pacific During the Last Glacial Maximum. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2020PA003869.	2.9	5
20	On climate and abyssal circulation in the Atlantic Ocean during late Pliocene marine isotope stage M2, ~4.3 million years ago. <i>Quaternary Science Reviews</i> , 2020, 250, 106644.	3.0	3
21	Proxy evidence for state-dependence of climate sensitivity in the Eocene greenhouse. <i>Nature Communications</i> , 2020, 11, 4436.	12.8	57
22	Past climates inform our future. <i>Science</i> , 2020, 370, .	12.6	253
23	Revisiting the Middle Eocene Climatic Optimum – Carbon Cycle Conundrum – With New Estimates of Atmospheric pCO ₂ From Boron Isotopes. <i>Paleoceanography and Paleoclimatology</i> , 2020, 35, e2019PA003713.	2.9	45
24	The pH dependency of the boron isotopic composition of diatom opal (<i>Thalassiosira</i>) Tj ETQq0 0.0.rgBT /Overlock 10	3.3	7
25	Atmospheric CO ₂ during the Mid-Piacenzian Warm Period and the M2 glaciation. <i>Scientific Reports</i> , 2020, 10, 11002.	3.3	71
26	Ocean Carbon Storage across the middle Miocene: a new interpretation for the Monterey Event. <i>Nature Communications</i> , 2020, 11, 134.	12.8	59
27	Automation of boron chromatographic purification for ¹¹ B analysis of coral aragonite. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8762.	1.5	5
28	Global mean surface temperature and climate sensitivity of the early Eocene Climatic Optimum (EECO), Paleocene – Eocene Thermal Maximum (PETM), and latest Paleocene. <i>Climate of the Past</i> , 2020, 16, 1953-1968.	3.4	71
29	Climate Sensitivity on Geological Timescales Controlled by Nonlinear Feedbacks and Ocean Circulation. <i>Geophysical Research Letters</i> , 2019, 46, 9880-9889.	4.0	90
30	The DeepMIP contribution to PMIP4: methodologies for selection, compilation and analysis of latest Paleocene and early Eocene climate proxy data, incorporating version 0.1 of the DeepMIP database. <i>Geoscientific Model Development</i> , 2019, 12, 3149-3206.	3.6	131
31	Orbital Forcing, Ice Volume, and CO ₂ Across the Oligocene – Miocene Transition. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 316-328.	2.9	38
32	Long-term field comparison of multiple low-cost particulate matter sensors in an outdoor urban environment. <i>Scientific Reports</i> , 2019, 9, 7497.	3.3	157
33	Insensitivity of alkenone carbon isotopes to atmospheric CO ₂ at low to moderate CO ₂ levels. <i>Climate of the Past</i> , 2019, 15, 539-554.	3.4	40
34	More efficient North Atlantic carbon pump during the Last Glacial Maximum. <i>Nature Communications</i> , 2019, 10, 2170.	12.8	22
35	The effect of matrix interferences on <i>in situ</i> boron isotope analysis by laser ablation multi-collector inductively coupled plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 959-968.	1.5	19
36	City Scale Particulate Matter Monitoring Using LoRaWAN Based Air Quality IoT Devices. <i>Sensors</i> , 2019, 19, 209.	3.8	82

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37	Deglacial upwelling, productivity and CO ₂ outgassing in the North Pacific Ocean. <i>Nature Geoscience</i> , 2018, 11, 340-344.	12.9	73
38	Historical Trends in pH and Carbonate Biogeochemistry on the Belize Mesoamerican Barrier Reef System. <i>Geophysical Research Letters</i> , 2018, 45, 3228-3237.	4.0	18
39	Ocean acidification affects coral growth by reducing skeletal density. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 1754-1759.	7.1	156
40	Pathways to 1.5 °C and 2 °C warming based on observational and geological constraints. <i>Nature Geoscience</i> , 2018, 11, 102-107.	12.9	84
41	Comparing Climate Sensitivity, Past and Present. <i>Annual Review of Marine Science</i> , 2018, 10, 261-288.	11.6	28
42	Boron Isotopes in the Earth and Planetary Sciences—A Short History and Introduction. <i>Advances in Isotope Geochemistry</i> , 2018, , 1-11.	1.4	11
43	Boron Isotope Analysis of Geological Materials. <i>Advances in Isotope Geochemistry</i> , 2018, , 13-31.	1.4	14
44	Factors influencing test porosity in planktonic foraminifera. <i>Biogeosciences</i> , 2018, 15, 6607-6619.	3.3	17
45	Robust Constraints on Past CO ₂ Climate Forcing From the Boron Isotope Proxy. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1099-1115.	2.9	11
46	Placing our current “hyperthermal” in the context of rapid climate change in our geological past. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170086.	3.4	44
47	Constraining the evolution of Neogene ocean carbonate chemistry using the boron isotope pH proxy. <i>Earth and Planetary Science Letters</i> , 2018, 498, 362-376.	4.4	119
48	No substantial long-term bias in the Cenozoic benthic foraminifera oxygen-isotope record. <i>Nature Communications</i> , 2018, 9, 2875.	12.8	8
49	Boron Stable Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 162-166.	0.1	2
50	Future climate forcing potentially without precedent in the last 420 million years. <i>Nature Communications</i> , 2017, 8, 14845.	12.8	473
51	Differences between the last two glacial maxima and implications for ice-sheet, $\delta^{18}O$, and sea-level reconstructions. <i>Quaternary Science Reviews</i> , 2017, 176, 1-28.	3.0	82
52	Boron isotope sensitivity to seawater pH change in a species of <i>Neogoniolithon</i> coralline red alga. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 217, 240-253.	3.9	29
53	Very large release of mostly volcanic carbon during the Palaeocene—Eocene Thermal Maximum. <i>Nature</i> , 2017, 548, 573-577.	27.8	277
54	Causes of ice age intensification across the Mid-Pleistocene Transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 13114-13119.	7.1	166

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55	A record of Neogene seawater $\delta^{11}\text{B}$ reconstructed from paired benthic and planktic foraminifera. <i>Climate of the Past</i> , 2017, 13, 149-170.	3.4	43
56	The DeepMIP contribution to PMIP4: experimental design for model simulations of the EECO, PETM, and pre-PETM (version 1.0). <i>Geoscientific Model Development</i> , 2017, 10, 889-901.	3.6	90
57	Size-dependent response of foraminiferal calcification to seawater carbonate chemistry. <i>Biogeosciences</i> , 2017, 14, 3287-3308.	3.3	34
58	Palaeogeographic controls on climate and proxy interpretation. <i>Climate of the Past</i> , 2016, 12, 1181-1198.	3.4	121
59	Coral Sr/Ca thermometry. <i>Paleoceanography</i> , 2016, 31, 626-638.	3.0	41
60	An improved boron isotope pH proxy calibration for the deep-sea coral <i>Desmophyllum dianthus</i> through sub-sampling of fibrous aragonite. <i>Chemical Geology</i> , 2016, 447, 148-160.	3.3	32
61	Incursions of southern-sourced water into the deep North Atlantic during late Pliocene glacial intensification. <i>Nature Geoscience</i> , 2016, 9, 375-379.	12.9	50
62	Changing atmospheric CO_2 concentration was the primary driver of early Cenozoic climate. <i>Nature</i> , 2016, 533, 380-384.	27.8	327
63	Reconstructing Ocean pH with Boron Isotopes in Foraminifera. <i>Annual Review of Earth and Planetary Sciences</i> , 2016, 44, 207-237.	11.0	122
64	A new boron isotope-pH calibration for <i>Orbulina universa</i> , with implications for understanding and accounting for 'vital effects'. <i>Earth and Planetary Science Letters</i> , 2016, 454, 282-292.	4.4	57
65	Geochemical response of the mid-depth Northeast Atlantic Ocean to freshwater input during Heinrich events 1 to 4. <i>Quaternary Science Reviews</i> , 2016, 151, 236-254.	3.0	16
66	Intrareef variations in Li/Mg and Sr/Ca sea surface temperature proxies in the Caribbean reef-building coral <i>Siderastrea siderea</i> . <i>Paleoceanography</i> , 2016, 31, 1315-1329.	3.0	34
67	Lessons on Climate Sensitivity From Past Climate Changes. <i>Current Climate Change Reports</i> , 2016, 2, 148-158.	8.6	42
68	Deep-sea coral $\delta^{13}\text{C}$: A tool to reconstruct the difference between seawater pH and derived calcifying fluid pH. <i>Geophysical Research Letters</i> , 2016, 43, 299-308.	4.0	14
69	Tracking the provenance of Greenland-sourced, Holocene aged, individual sand-sized ice-rafted debris using the Pb-isotope compositions of feldspars and $^{40}\text{Ar}/^{39}\text{Ar}$ ages of hornblendes. <i>Earth and Planetary Science Letters</i> , 2016, 433, 192-203.	4.4	30
70	Boron Stable Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-6.	0.1	5
71	Descent toward the Icehouse: Eocene sea surface cooling inferred from GDGT distributions. <i>Paleoceanography</i> , 2015, 30, 1000-1020.	3.0	129
72	Reply to 'Pliocene warmth and gradients'. <i>Nature Geoscience</i> , 2015, 8, 420-420.	12.9	3

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73	Neogene ice volume and ocean temperatures: Insights from infaunal foraminiferal Mg/Ca paleothermometry. <i>Paleoceanography</i> , 2015, 30, 1437-1454.	3.0	96
74	Boron during meteoric diagenesis and its potential implications for Marinoan snowball Earth $\delta^{11}\text{B}$ -pH excursions. <i>Geology</i> , 2015, 43, 627-630.	4.4	20
75	Boron isotope evidence for oceanic carbon dioxide leakage during the last deglaciation. <i>Nature</i> , 2015, 518, 219-222.	27.8	155
76	Plio-Pleistocene climate sensitivity evaluated using high-resolution CO ₂ records. <i>Nature</i> , 2015, 518, 49-54.	27.8	287
77	Tracing the strength of the southwest monsoon using boron isotopes in the eastern Arabian Sea. <i>Geophysical Research Letters</i> , 2015, 42, 1450-1458.	4.0	19
78	Assessing the impact of diagenesis on $\delta^{11}\text{B}$, $\delta^{13}\text{C}$, $\delta^{18}\text{O}$, Sr/Ca and B/Ca values in fossil planktic foraminiferal calcite. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 166, 189-209.	3.9	88
79	Evaluating the utility of B/C ratios in planktic foraminifera as a proxy for the carbonate system: A case study of <i>Globigerinoides ruber</i> . <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1052-1069.	2.5	50
80	Response to "Comment on "The transition on North America from the warm humid Pliocene to the glaciated Quaternary traced by eolian dust deposition at a benchmark North Atlantic Ocean drill site"™, by David Lang et al." <i>Quaternary Science Reviews</i> , 2014, 103, 179-183.	3.0	0
81	Extreme warming of tropical waters during the Paleocene–Eocene Thermal Maximum. <i>Geology</i> , 2014, 42, 739-742.	4.4	62
82	Sea-level and deep-sea-temperature variability over the past 5.3 million years. <i>Nature</i> , 2014, 508, 477-482.	27.8	487
83	Middle Miocene climate instability associated with high-amplitude CO ₂ variability. <i>Paleoceanography</i> , 2014, 29, 845-853.	3.0	110
84	High sea surface temperatures in tropical warm pools during the Pliocene. <i>Nature Geoscience</i> , 2014, 7, 606-611.	12.9	105
85	Estimating the impact of the cryptic degassing of Large Igneous Provinces: A mid-Miocene case-study. <i>Earth and Planetary Science Letters</i> , 2014, 403, 254-262.	4.4	55
86	Deep water formation in the North Pacific and deglacial CO ₂ rise. <i>Paleoceanography</i> , 2014, 29, 645-667.	3.0	99
87	The transition on North America from the warm humid Pliocene to the glaciated Quaternary traced by eolian dust deposition at a benchmark North Atlantic Ocean drill site. <i>Quaternary Science Reviews</i> , 2014, 93, 125-141.	3.0	45
88	An alternative suggestion for the Pliocene onset of major northern hemisphere glaciation based on the geochemical provenance of North Atlantic Ocean ice-rafted debris. <i>Quaternary Science Reviews</i> , 2013, 75, 181-194.	3.0	119
89	A Pb isotope tracer of ocean-ice sheet interaction: the record from the NE Atlantic during the Last Glacial/Interglacial cycle. <i>Quaternary Science Reviews</i> , 2013, 82, 133-144.	3.0	12
90	Structural limitations in deriving accurate U-series ages from calcitic cold-water corals contrast with robust coral radiocarbon and Mg/Ca systematics. <i>Chemical Geology</i> , 2013, 355, 69-87.	3.3	11

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91	Interlaboratory comparison of boron isotope analyses of boric acid, seawater and marine CaCO ₃ by MC-ICPMS and NTIMS. <i>Chemical Geology</i> , 2013, 358, 1-14.	3.3	112
92	Calibration of the boron isotope proxy in the planktonic foraminifera <i>Globigerinoides ruber</i> for use in palaeo-CO ₂ reconstruction. <i>Earth and Planetary Science Letters</i> , 2013, 364, 111-122.	4.4	149
93	Warm climates of the past – a lesson for the future?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20130146.	3.4	30
94	Warm ocean processes and carbon cycling in the Eocene. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20130099.	3.4	58
95	Relationship between sea level and climate forcing by CO ₂ on geological timescales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1209-1214.	7.1	117
96	CO ₂ drawdown following the middle Miocene expansion of the Antarctic Ice Sheet. <i>Paleoceanography</i> , 2013, 28, 42-53.	3.0	92
97	A geological perspective on potential future sea-level rise. <i>Scientific Reports</i> , 2013, 3, 3461.	3.3	41
98	Continental weathering fluxes during the last glacial/interglacial cycle: insights from the marine sedimentary Pb isotope record at Orphan Knoll, NW Atlantic. <i>Quaternary Science Reviews</i> , 2012, 38, 89-99.	3.0	30
99	Flux and provenance of ice-rafted debris in the earliest Pleistocene sub-polar North Atlantic Ocean comparable to the last glacial maximum. <i>Earth and Planetary Science Letters</i> , 2012, 341-344, 222-233.	4.4	49
100	The evolution of pCO ₂ , ice volume and climate during the middle Miocene. <i>Earth and Planetary Science Letters</i> , 2012, 341-344, 243-254.	4.4	239
101	A Cenozoic record of the equatorial Pacific carbonate compensation depth. <i>Nature</i> , 2012, 488, 609-614.	27.8	342
102	Making sense of palaeoclimate sensitivity. <i>Nature</i> , 2012, 491, 683-691.	27.8	247
103	The Geological Record of Ocean Acidification. <i>Science</i> , 2012, 335, 1058-1063.	12.6	828
104	Boron isotopes and B/Ca in benthic foraminifera: Proxies for the deep ocean carbonate system. <i>Earth and Planetary Science Letters</i> , 2011, 302, 403-413.	4.4	252
105	Persistent Nordic deep-water overflow to the glacial North Atlantic. <i>Geology</i> , 2011, 39, 515-518.	4.4	41
106	Constraints to the timing of India-Eurasia collision; a re-evaluation of evidence from the Indus Basin sedimentary rocks of the Indus-Tsangpo Suture Zone, Ladakh, India. <i>Earth-Science Reviews</i> , 2011, 106, 265-292.	9.1	72
107	Mountain uplift and the glaciation of North America – a sensitivity study. <i>Climate of the Past</i> , 2010, 6, 707-717.	3.4	30
108	Boron and magnesium isotopic composition of seawater. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	332

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109	Physiological and isotopic responses of scleractinian corals to ocean acidification. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 4988-5001.	3.9	191
110	Alkenone and boron-based Pliocene pCO ₂ records. <i>Earth and Planetary Science Letters</i> , 2010, 292, 201-211.	4.4	416
111	An evaluation of benthic foraminiferal B/Ca and $\delta^{11}\text{B}$ for deep ocean carbonate ion and pH reconstructions. <i>Earth and Planetary Science Letters</i> , 2010, 293, 114-120.	4.4	88
112	Testing the application of in situ Sm-Nd isotopic analysis on detrital apatites: A provenance tool for constraining the timing of India-Eurasia collision. <i>Earth and Planetary Science Letters</i> , 2010, 297, 42-49.	4.4	29
113	The accuracy of $\delta^{11}\text{B}$ measurements of foraminifers. <i>Chemical Geology</i> , 2010, 274, 187-195.	3.3	25
114	Improving constraints on apatite provenance: Nd measurement on fission-track-dated grains. <i>Geological Society Special Publication</i> , 2009, 324, 57-72.	1.3	8
115	Variable Quaternary chemical weathering fluxes and imbalances in marine geochemical budgets. <i>Nature</i> , 2009, 458, 493-496.	27.8	218
116	Atmospheric carbon dioxide through the Eocene-Oligocene climate transition. <i>Nature</i> , 2009, 461, 1110-1113.	27.8	365
117	Concurrent Pb-Hf isotope analysis of zircon by laser ablation multi-collector ICP-MS, with implications for the crustal evolution of Greenland and the Himalayas. <i>Chemical Geology</i> , 2009, 261, 244-260.	3.3	164
118	In situ boron isotope analysis in marine carbonates and its application for foraminifera and palaeo-pH. <i>Chemical Geology</i> , 2009, 260, 138-147.	3.3	85
119	How well do non-traditional stable isotope results compare between different laboratories: results from the interlaboratory comparison of boron isotope measurements. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 825.	3.0	42
120	The Arctic cryosphere in the Mid-Pliocene and the future. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 49-67.	3.4	42
121	Late Pliocene Greenland glaciation controlled by a decline in atmospheric CO ₂ levels. <i>Nature</i> , 2008, 454, 1102-1105.	27.8	243
122	Seawater pH, pCO ₂ and [CO ₂ ∗ ³] variations in the Caribbean Sea over the last 130 kyr: A boron isotope and B/Ca study of planktic foraminifera. <i>Earth and Planetary Science Letters</i> , 2008, 271, 254-266.	4.4	331
123	Magmatic and Crustal Differentiation History of Granitic Rocks from Hf-O Isotopes in Zircon. <i>Science</i> , 2007, 315, 980-983.	12.6	1,154
124	No change in the neodymium isotope composition of deep water exported from the North Atlantic on glacial-interglacial time scales. <i>Geology</i> , 2007, 35, 37.	4.4	55
125	Insights into the patterns and locations of erosion in the Himalaya - A combined fission-track and in situ Sm-Nd isotopic study of detrital apatite. <i>Earth and Planetary Science Letters</i> , 2007, 257, 407-418.	4.4	60
126	A core top assessment of proxies for the ocean carbonate system in surface-dwelling foraminifers. <i>Paleoceanography</i> , 2007, 22, .	3.0	93

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127	In situ Nd isotopic analysis of geological materials by laser ablation MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 288.	3.0	115
128	Accurate and precise isotopic measurement of sub-nanogram sized samples of foraminiferal hosted boron by total evaporation NTIMS. <i>Chemical Geology</i> , 2006, 230, 161-174.	3.3	64
129	Negligible glacial-interglacial variation in continental chemical weathering rates. <i>Nature</i> , 2006, 444, 918-921.	27.8	125
130	U-Pb columbite-tantalite chronology of rare-element pegmatites using TIMS and Laser Ablation-Multi Collector-ICP-MS. <i>Contributions To Mineralogy and Petrology</i> , 2004, 147, 549-564.	3.1	61
131	The generation of prograde P-T-t points and paths; a textural, compositional, and chronological study of metamorphic monazite. <i>Earth and Planetary Science Letters</i> , 2004, 228, 125-142.	4.4	140
132	Sand petrology and focused erosion in collision orogens: the Brahmaputra case. <i>Earth and Planetary Science Letters</i> , 2004, 220, 157-174.	4.4	139
133	Metamorphic monazite and the generation of P-T-t paths. <i>Geological Society Special Publication</i> , 2003, 220, 25-47.	1.3	35
134	Common-Pb corrected in situ U-Pb accessory mineral geochronology by LA-MC-ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2003, 18, 837-846.	3.0	346
135	Isotope studies reveal a complete Himalayan section in the Nanga Parbat syntaxis. <i>Geology</i> , 2003, 31, 1109.	4.4	45
136	Textural, chemical and isotopic insights into the nature and behaviour of metamorphic monazite. <i>Chemical Geology</i> , 2002, 191, 183-207.	3.3	222
137	The Tertiary collision-related thermal history of the NW Himalaya. <i>Journal of Metamorphic Geology</i> , 2002, 20, 827-843.	3.4	32
138	The significance of monazite U-Th-Pb age data in metamorphic assemblages; a combined study of monazite and garnet chronometry. <i>Earth and Planetary Science Letters</i> , 2000, 181, 327-340.	4.4	294
139	New garnets for old? Cautionary tales from young mountain belts. <i>Earth and Planetary Science Letters</i> , 1999, 172, 301-309.	4.4	95
140	Lithostratigraphic correlations in the western Himalaya—An isotopic approach. <i>Geology</i> , 1999, 27, 585.	4.4	93
141	THE APPLICATION OF THE NITROGEN ISOTOPE N15 FOR THE STUDY OF PROTEIN METABOLISM. <i>Science</i> , 1938, 88, 599-600.	12.6	43