

# Martin Frank

## List of Publications by Year in descending order

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Version: 2024-02-01

215  
papers

13,532  
citations

17405

63  
h-index

28224

105  
g-index

220  
all docs

220  
docs citations

220  
times ranked

8692  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dissolved neodymium isotopes in the Mediterranean Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 143-169.	1.6	4
2	Neodymium isotopes as a paleo-water mass tracer: A model-data reassessment. <i>Quaternary Science Reviews</i> , 2022, 279, 107404.	1.4	9
3	Monthly resolved coral barium isotopes record increased riverine inputs during the South Asian summer monsoon. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 329, 152-167.	1.6	5
4	Provenance and Weathering of Clays Delivered to the Bay of Bengal During the Middle Miocene: Linkages to Tectonics and Monsoonal Climate. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003917.	1.3	10
5	Dissolved neodymium and hafnium isotopes and rare earth elements in the Congo River Plume: Tracing and quantifying continental inputs into the southeast Atlantic. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 294, 192-214.	1.6	15
6	Drivers of river reactivation in North Africa during the last glacial cycle. <i>Nature Geoscience</i> , 2021, 14, 97-103.	5.4	29
7	Tracing Water Mass Mixing From the Equatorial to the North Pacific Ocean With Dissolved Neodymium Isotopes and Concentrations. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	18
8	Evidence for increasing anthropogenic Pb concentrations in Indian shelf sediments during the last century. <i>Science of the Total Environment</i> , 2021, 760, 143833.	3.9	13
9	Persistent Provenance of South Asian Monsoon-Induced Silicate Weathering Over the Past 27 Million Years. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003909.	1.3	19
10	An experimental investigation of the acquisition of Nd by authigenic phases of marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 301, 1-29.	1.6	6
11	Deoxygenation dynamics on the western Nile deep-sea fan during sapropel S1 from seasonal to millennial timescales. <i>Climate of the Past</i> , 2021, 17, 1025-1050.	1.3	7
12	Silicon Isotope Signatures of Radiolaria Reveal Taxon-Specific Differences in Isotope Fractionation. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3
13	Controls on the Silicon Isotope Composition of Diatoms in the Peruvian Upwelling. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5
14	Stable Barium Isotope Dynamics During Estuarine Mixing. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095680.	1.5	15
15	Enhanced Late Miocene Chemical Weathering and Altered Precipitation Patterns in the Watersheds of the Bay of Bengal Recorded by Detrital Clay Radiogenic Isotopes. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004252.	1.3	3
16	The impact of Early Cretaceous gateway evolution on ocean circulation and organic carbon burial in the emerging South Atlantic and Southern Ocean basins. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115890.	1.8	27
17	What Can We Learn From X-ray Fluorescence Core Scanning Data? A Paleomonsoon Case Study. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008414.	1.0	27
18	Tracing water mass mixing and continental inputs in the southeastern Atlantic Ocean with dissolved neodymium isotopes. <i>Earth and Planetary Science Letters</i> , 2020, 530, 115944.	1.8	20

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19	Corrigendum to "Labrador Sea bottom water provenance and REE exchange during the past 35,000 years" [Earth Planet. Sci. Lett. 542 (2020) 116299]. Earth and Planetary Science Letters, 2020, 547, 116479.	1.8	0
20	Constraining barium isotope fractionation in the upper water column of the South China Sea. Geochimica Et Cosmochimica Acta, 2020, 288, 120-137.	1.6	19
21	Northern-sourced water dominated the Atlantic Ocean during the Last Glacial Maximum. Geology, 2020, 48, 826-829.	2.0	25
22	Labrador Sea bottom water provenance and REE exchange during the past 35,000 years. Earth and Planetary Science Letters, 2020, 542, 116299.	1.8	16
23	The impact of MC-ICP-MS plasma conditions on the accuracy and precision of stable isotope measurements evaluated for barium isotopes. Chemical Geology, 2020, 549, 119697.	1.4	11
24	Water mass mixing versus local weathering inputs along the Bay of Biscay: Evidence from dissolved hafnium and neodymium isotopes. Marine Chemistry, 2020, 224, 103844.	0.9	3
25	A Brief Commentary on the Interpretation of Chinese Speleothem $\delta^{18}O$ Records as Summer Monsoon Intensity Tracers. Quaternary, 2020, 3, 7.	1.0	11
26	Rare Earth Elements in Andaman Island Surface Seawater: Geochemical Tracers for the Monsoon?. Frontiers in Marine Science, 2020, 6, .	1.2	10
27	Dissolved silicon isotope dynamics in large river estuaries. Geochimica Et Cosmochimica Acta, 2020, 273, 367-382.	1.6	20
28	Impact of ambient conditions on the Si isotope fractionation in marine pore fluids during early diagenesis. Biogeosciences, 2020, 17, 1745-1763.	1.3	26
29	Late Eocene onset of the Proto-Antarctic Circumpolar Current. Scientific Reports, 2019, 9, 10125.	1.6	21
30	Corrigendum to "Isotopic evidence for complex biogeochemical cycling of Cd in the eastern tropical South Pacific" [Earth Planet. Sci. Lett. 512 (2019) 134-146]. Earth and Planetary Science Letters, 2019, 524, 115752.	1.8	0
31	Miocene restriction of the Pacific-North Atlantic throughflow strengthened Atlantic overturning circulation. Nature Communications, 2019, 10, 4025.	5.8	24
32	Two-step closure of the Miocene Indian Ocean Gateway to the Mediterranean. Scientific Reports, 2019, 9, 8842.	1.6	89
33	Latitudinal variations in $\delta^{30}Si$ and $\delta^{15}N$ signatures along the Peruvian shelf: quantifying the effects of nutrient utilization versus denitrification over the past 600 years. Biogeosciences, 2019, 16, 2163-2180.	1.3	3
34	The evolution and control of detrital sediment provenance in the middle and northern Okinawa Trough since the last deglaciation: Evidence from Sr and Nd isotopes. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 522, 1-11.	1.0	9
35	Ice-sheet driven weathering input and water mass mixing in the Nordic Seas during the last 25,000 years. Earth and Planetary Science Letters, 2019, 514, 108-118.	1.8	8
36	Isotopic evidence for complex biogeochemical cycling of Cd in the eastern tropical South Pacific. Earth and Planetary Science Letters, 2019, 512, 134-146.	1.8	32

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37	Importance of Cadmium Sulfides for Biogeochemical Cycling of Cd and Its Isotopes in Oxygen Deficient Zones – A Case Study of the Angola Basin. <i>Global Biogeochemical Cycles</i> , 2019, 33, 1746-1763.	1.9	23
38	Late Pliocene and Early Pleistocene Variability of the REE and Nd Isotope Composition of Caribbean Bottom Water: A Record of Changes in Sea Level and Terrestrial Inputs During the Final Stages of Central American Seaway Closure. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 2067-2079.	1.3	4
39	The resilience and sensitivity of Northeast Atlantic deep water $\delta^{15}\text{Nd}$ to overprinting by detrital fluxes over the past 30,000 years. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 245, 79-97.	1.6	42
40	Limited influence of basalt weathering inputs on the seawater neodymium isotope composition of the northern Iceland Basin. <i>Chemical Geology</i> , 2019, 511, 358-370.	1.4	8
41	Limited impact of eolian and riverine sources on the biogeochemical cycling of Cd in the tropical Atlantic. <i>Chemical Geology</i> , 2019, 511, 371-379.	1.4	18
42	Experimental evidence for mineral-controlled release of radiogenic Nd, Hf and Pb isotopes from granitic rocks during progressive chemical weathering. <i>Chemical Geology</i> , 2019, 507, 64-84.	1.4	28
43	Water mass transformation in the Barents Sea inferred from radiogenic neodymium isotopes, rare earth elements and stable oxygen isotopes. <i>Chemical Geology</i> , 2019, 511, 416-430.	1.4	16
44	The distribution of neodymium isotopes and concentrations in the eastern tropical North Atlantic. <i>Chemical Geology</i> , 2019, 511, 265-278.	1.4	12
45	Interhemispheric teleconnections: Late Pliocene change in Mediterranean outflow water linked to changes in Indonesian Through-Flow and Atlantic Meridional Overturning Circulation, a review and update. <i>International Journal of Earth Sciences</i> , 2018, 107, 505-515.	0.9	8
46	Deglacial Heat Uptake by the Southern Ocean and Rapid Northward Redistribution Via Antarctic Intermediate Water. <i>Paleoceanography and Paleoclimatology</i> , 2018, 33, 1292-1305.	1.3	14
47	Rapid precipitation changes in the tropical West Pacific linked to North Atlantic climate forcing during the last deglaciation. <i>Quaternary Science Reviews</i> , 2018, 197, 288-306.	1.4	18
48	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	1.4	257
49	The Influence of Basaltic Islands on the Oceanic REE Distribution: A Case Study From the Tropical South Pacific. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	29
50	H <sub>2</sub> S events in the Peruvian oxygen minimum zone facilitate enhanced dissolved Fe concentrations. <i>Scientific Reports</i> , 2018, 8, 12642.	1.6	32
51	Rapid deglacial injection of nutrients into the tropical Atlantic via Antarctic Intermediate Water. <i>Earth and Planetary Science Letters</i> , 2017, 463, 118-126.	1.8	31
52	Glacial reduction of AMOC strength and long-term transition in weathering inputs into the Southern Ocean since the mid-Miocene: Evidence from radiogenic Nd and Hf isotopes. <i>Paleoceanography</i> , 2017, 32, 265-283.	3.0	23
53	The potential of sedimentary foraminiferal rare earth element patterns to trace water masses in the past. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1550-1568.	1.0	45
54	Ocean circulation and freshwater pathways in the Arctic Mediterranean based on a combined Nd isotope, REE and oxygen isotope section across Fram Strait. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 202, 285-309.	1.6	40

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55	GEOTRACES inter-calibration of the stable silicon isotope composition of dissolved silicic acid in seawater. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 562-578.	1.6	37
56	Transport and transformation of riverine neodymium isotope and rare earth element signatures in high latitude estuaries: A case study from the Laptev Sea. <i>Earth and Planetary Science Letters</i> , 2017, 477, 205-217.	1.8	27
57	Short-term variability of dissolved rare earth elements and neodymium isotopes in the entire water column of the Panama Basin. <i>Earth and Planetary Science Letters</i> , 2017, 475, 242-253.	1.8	36
58	Water mass circulation and weathering inputs in the Labrador Sea based on coupled Hf- <sup>176</sup> Nd isotope compositions and rare earth element distributions. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 199, 164-184.	1.6	24
59	Constraints on ocean circulation at the Paleocene-Eocene Thermal Maximum from neodymium isotopes. <i>Climate of the Past</i> , 2016, 12, 837-847.	1.3	17
60	Reduced admixture of North Atlantic Deep Water to the deep central South Pacific during the last two glacial periods. <i>Paleoceanography</i> , 2016, 31, 651-668.	3.0	19
61	South Asian summer monsoon variability during the last ~45 kyr inferred from surface water salinity and river runoff proxies. <i>Quaternary Science Reviews</i> , 2016, 138, 6-15.	1.4	83
62	Stable silicon isotope signatures of marine pore waters - Biogenic opal dissolution versus authigenic clay mineral formation. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 191, 102-117.	1.6	80
63	Extracting foraminiferal seawater Nd isotope signatures from bulk deep sea sediment by chemical leaching. <i>Chemical Geology</i> , 2016, 439, 189-204.	1.4	71
64	Synchronicity of Kuroshio Current and climate system variability since the Last Glacial Maximum. <i>Earth and Planetary Science Letters</i> , 2016, 452, 247-257.	1.8	57
65	Plio-Pleistocene evolution of water mass exchange and erosional input at the Atlantic-Arctic gateway. <i>Paleoceanography</i> , 2016, 31, 582-599.	3.0	6
66	Meteorology and oceanography of the Atlantic sector of the Southern Ocean - a review of German achievements from the last decade. <i>Ocean Dynamics</i> , 2016, 66, 1379-1413.	0.9	12
67	Silicon and nitrogen cycling in the upwelling area off Peru: A dual isotope approach. <i>Limnology and Oceanography</i> , 2016, 61, 1661-1676.	1.6	17
68	Changes in diatom productivity and upwelling intensity off Peru since the Last Glacial Maximum: Response to basin-scale atmospheric and oceanic forcing. <i>Paleoceanography</i> , 2016, 31, 1453-1473.	3.0	16
69	Neodymium isotope constraints on provenance, dispersal, and climate-driven supply of Zambesi sediments along the Mozambique margin during the past ~45,000 years. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 181-198.	1.0	32
70	Hydrothermal versus active margin sediment supply to the eastern equatorial Pacific over the past 23 million years traced by radiogenic Pb isotopes: Paleoceanographic and paleoclimatic implications. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 190, 213-238.	1.6	2
71	Minimal influence of recrystallization on middle Miocene benthic foraminiferal stable isotope stratigraphy in the eastern equatorial Pacific. <i>Paleoceanography</i> , 2016, 31, 98-114.	3.0	19
72	Differences between mono-generic and mixed diatom silicon isotope compositions trace present and past nutrient utilisation off Peru. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 177, 30-47.	1.6	13

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73	Constraining the oceanic barium cycle with stable barium isotopes. <i>Earth and Planetary Science Letters</i> , 2016, 434, 1-9.	1.8	73
74	The silicon isotope composition of <i>Ethmodiscus rex</i> laminated diatom mats from the tropical West Pacific: Implications for silicate cycling during the Last Glacial Maximum. <i>Paleoceanography</i> , 2015, 30, 803-823.	3.0	27
75	Dissolved silicon isotopic compositions in the <i>E</i> ast <i>C</i> hina <i>S</i> ea: Water mass mixing vs. biological fractionation. <i>Limnology and Oceanography</i> , 2015, 60, 1619-1633.	1.6	14
76	Records of past mid-depth ventilation: Cretaceous ocean anoxic event 2 vs. Recent oxygen minimum zones. <i>Biogeosciences</i> , 2015, 12, 1169-1189.	1.3	10
77	Variability of carbonate diagenesis in equatorial Pacific sediments deduced from radiogenic and stable Sr isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 148, 360-377.	1.6	42
78	Persistently strong Indonesian Throughflow during marine isotope stage 3: evidence from radiogenic isotopes. <i>Quaternary Science Reviews</i> , 2015, 112, 197-206.	1.4	8
79	Rare earth element distribution in the Atlantic sector of the Southern Ocean: The balance between particle scavenging and vertical supply. <i>Marine Chemistry</i> , 2015, 177, 157-171.	0.9	78
80	Neodymium isotopic characterization of Ross Sea Bottom Water and its advection through the southern South Pacific. <i>Earth and Planetary Science Letters</i> , 2015, 419, 211-221.	1.8	52
81	Rare earth element distribution in Caribbean seawater: Continental inputs versus lateral transport of distinct REE compositions in subsurface water masses. <i>Marine Chemistry</i> , 2015, 177, 172-183.	0.9	84
82	The evolution of climatically driven weathering inputs into the western Arctic Ocean since the late Miocene: Radiogenic isotope evidence. <i>Earth and Planetary Science Letters</i> , 2015, 419, 111-124.	1.8	16
83	South <i>A</i> sian monsoon history over the past 60 kyr recorded by radiogenic isotopes and clay mineral assemblages in the <i>A</i> ndaman <i>S</i> ea. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 505-521.	1.0	63
84	Strong and deep Atlantic meridional overturning circulation during the last glacial cycle. <i>Nature</i> , 2015, 517, 73-76.	13.7	385
85	A major change in North Atlantic deep water circulation 1.6 million years ago. <i>Climate of the Past</i> , 2014, 10, 1441-1451.	1.3	14
86	Biogeochemical implications from dissolved rare earth element and Nd isotope distributions in the Gulf of Alaska. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 126, 455-474.	1.6	61
87	Late Pliocene variations of the Mediterranean outflow. <i>Marine Geology</i> , 2014, 357, 182-194.	0.9	28
88	Peak Last Glacial weathering intensity on the North American continent recorded by the authigenic Hf isotope composition of North Atlantic deep-sea sediments. <i>Quaternary Science Reviews</i> , 2014, 99, 97-111.	1.4	19
89	Neodymium isotopes and concentrations in Caribbean seawater: Tracing water mass mixing and continental input in a semi-enclosed ocean basin. <i>Earth and Planetary Science Letters</i> , 2014, 406, 174-186.	1.8	51
90	South Pacific dissolved Nd isotope compositions and rare earth element distributions: Water mass mixing versus biogeochemical cycling. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 127, 171-189.	1.6	74

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91	Neoglacial change in deep water exchange and increase of sea-ice transport through eastern Fram Strait: evidence from radiogenic isotopes. <i>Quaternary Science Reviews</i> , 2014, 92, 190-207.	1.4	20
92	The provenance of Cretaceous to Quaternary sediments in the Tarfaya basin, SW Morocco: Evidence from trace element geochemistry and radiogenic Nd-Sr isotopes. <i>Journal of African Earth Sciences</i> , 2014, 90, 64-76.	0.9	64
93	The seawater neodymium and lead isotope record of the final stages of Central American Seaway closure. <i>Paleoceanography</i> , 2014, 29, 715-729.	3.0	52
94	Nd and Sr isotope compositions of different phases of surface sediments in the South Pacific: Extraction of seawater signatures, boundary exchange, and detrital/dust provenance. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3502-3520.	1.0	28
95	Asynchronous Changes in Vegetation, Runoff and Erosion in the Nile River Watershed during the Holocene. <i>PLoS ONE</i> , 2014, 9, e115958.	1.1	34
96	Assessment of seawater Nd isotope signatures extracted from foraminiferal shells and authigenic phases of Gulf of Guinea sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 121, 414-435.	1.6	42
97	Deep-sea Fe-Mn Crusts from the Northeast Atlantic Ocean: Composition and Resource Considerations. <i>Marine Georesources and Geotechnology</i> , 2013, 31, 40-70.	1.2	54
98	Contrasting geochemical cycling of hafnium and neodymium in the central Baltic Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 123, 166-180.	1.6	16
99	The influence of water mass mixing on the dissolved Si isotope composition in the Eastern Equatorial Pacific. <i>Earth and Planetary Science Letters</i> , 2013, 380, 60-71.	1.8	45
100	High- and low-latitude forcing of the Nile River regime during the Holocene inferred from laminated sediments of the Nile deep-sea fan. <i>Earth and Planetary Science Letters</i> , 2013, 364, 98-110.	1.8	99
101	Changes in silicate utilisation and upwelling intensity off Peru since the Last Glacial Maximum – insights from silicon and neodymium isotopes. <i>Quaternary Science Reviews</i> , 2013, 72, 18-35.	1.4	31
102	Tectonically restricted deep-ocean circulation at the end of the Cretaceous greenhouse. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 169-177.	1.8	53
103	Asian dust input in the western Philippine Sea: Evidence from radiogenic Sr and Nd isotopes. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1538-1551.	1.0	45
104	Changes in Pacific Ocean circulation following the Miocene onset of permanent Antarctic ice cover. <i>Earth and Planetary Science Letters</i> , 2013, 365, 38-50.	1.8	64
105	Lead isotope provinciality of central North Pacific Deep Water over the Cenozoic. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 1523-1537.	1.0	13
106	Controls on the incongruent release of hafnium during weathering of metamorphic and sedimentary catchments. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 101, 263-284.	1.6	27
107	Carrier free <sup>10</sup> Be/ <sup>9</sup> Be measurements with low-energy AMS: Determination of sedimentation rates in the Arctic Ocean. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 294, 67-71.	0.6	9
108	Southern Ocean bioproductivity during the last glacial cycle – new detection method and decadal-scale insight from the Scotia Sea. <i>Geological Society Special Publication</i> , 2013, 381, 245-261.	0.8	38

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109	Upper ocean vertical supply: A neglected primary factor controlling the distribution of neodymium concentrations of open ocean surface waters?. <i>Journal of Geophysical Research: Oceans</i> , 2013, 118, 3887-3894.	1.0	12
110	Campanian–Maastrichtian ocean circulation in the tropical Pacific. <i>Paleoceanography</i> , 2013, 28, 562-573.	3.0	41
111	Hafnium isotope fractionation during continental weathering: Implications for the generation of the seawater Nd–Hf isotope relationships. <i>Geophysical Research Letters</i> , 2013, 40, 916-920.	1.5	26
112	On the role of mesoscale eddies for the biological productivity and biogeochemistry in the eastern tropical Pacific Ocean off Peru. <i>Biogeosciences</i> , 2013, 10, 7293-7306.	1.3	104
113	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.	1.0	119
114	The hafnium and neodymium isotope composition of seawater in the Atlantic sector of the Southern Ocean. <i>Earth and Planetary Science Letters</i> , 2012, 317-318, 282-294.	1.8	161
115	Sources and input mechanisms of hafnium and neodymium in surface waters of the Atlantic sector of the Southern Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 94, 22-37.	1.6	45
116	Southern Ocean control of silicon stable isotope distribution in the deep Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	92
117	Online preconcentration ICP–MS analysis of rare earth elements in seawater. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	1.0	110
118	The distribution of neodymium isotopes and concentrations in the Eastern Equatorial Pacific: Water mass advection versus particle exchange. <i>Earth and Planetary Science Letters</i> , 2012, 353-354, 198-207.	1.8	85
119	Variations of North Atlantic inflow to the central Arctic Ocean over the last 14 million years inferred from hafnium and neodymium isotopes. <i>Earth and Planetary Science Letters</i> , 2012, 353-354, 82-92.	1.8	30
120	Silicon isotope constraints on sources and utilization of silicic acid in the northern South China Sea. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 97, 88-104.	1.6	33
121	Factors controlling the silicon isotope distribution in waters and surface sediments of the Peruvian coastal upwelling. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 99, 128-145.	1.6	46
122	An eddy-stimulated hotspot for fixed nitrogen-loss from the Peru oxygen minimum zone. <i>Biogeosciences</i> , 2012, 9, 4897-4908.	1.3	56
123	Zircon effect alone insufficient to generate seawater Nd–Hf isotope relationships. <i>Geochemistry, Geophysics, Geosystems</i> , 2011, 12, .	1.0	18
124	Spatio-temporal evolution of the West African monsoon during the last deglaciation. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	19
125	Climatically driven changes in sediment supply on the SW Iberian shelf since the Last Glacial Maximum. <i>Earth and Planetary Science Letters</i> , 2011, 312, 80-90.	1.8	23
126	Geochemical proxies of ocean circulation and weathering inputs: Radiogenic isotopes of Nd, Pb, Sr, Hf, and Os. <i>IOP Conference Series: Earth and Environmental Science</i> , 2011, 14, 012010.	0.2	2

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127	Chemical twins, separated. <i>Nature Geoscience</i> , 2011, 4, 220-221.	5.4	14
128	Dolomite formation within the methanogenic zone induced by tectonically driven fluids in the Peru accretionary prism. <i>Geology</i> , 2011, 39, 563-566.	2.0	53
129	PALAEOCEANOGRAPHIC INTERPRETATION OF A SEISMIC PROFILE FROM THE SOUTHERN MOZAMBIQUE RIDGE, SOUTHWESTERN INDIAN OCEAN. <i>South African Journal of Geology</i> , 2011, 114, 449-458.	0.6	9
130	Discovery of Miocene to early Pleistocene deposits on Mayaguana, Bahamas: Evidence for recent active tectonism on the North American margin. <i>Geology</i> , 2011, 39, 523-526.	2.0	21
131	Hafnium and neodymium isotopes in surface waters of the eastern Atlantic Ocean: Implications for sources and inputs of trace metals to the ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 540-557.	1.6	97
132	Plio-Pleistocene trends in ice rafted debris on the Lomonosov Ridge. <i>Quaternary International</i> , 2010, 219, 168-176.	0.7	38
133	Changes in North Atlantic Deep Water strength and bottom water masses during Marine Isotope Stage 3 (45–35kaBP). <i>Quaternary Science Reviews</i> , 2010, 29, 2451-2461.	1.4	33
134	Late Quaternary variability of Mediterranean Outflow Water from radiogenic Nd and Pb isotopes. <i>Quaternary Science Reviews</i> , 2010, 29, 2462-2472.	1.4	50
135	A major and long-term Pliocene intensification of the Mediterranean outflow, 3.5-3.3 Ma ago. <i>Geology</i> , 2009, 37, 811-814.	2.0	62
136	U–Pb dating, Hf-isotope characteristics and trace-REE-patterns of zircons from Medet porphyry copper deposit, Bulgaria: implications for timing, duration and sources of ore-bearing magmatism. <i>Mineralogy and Petrology</i> , 2009, 96, 19-41.	0.4	31
137	The hafnium–neodymium isotopic composition of Atlantic seawater. <i>Earth and Planetary Science Letters</i> , 2009, 280, 118-127.	1.8	134
138	Retreat of the Laurentide ice sheet tracked by the isotopic composition of Pb in western North Atlantic seawater during termination 1. <i>Earth and Planetary Science Letters</i> , 2009, 286, 546-555.	1.8	33
139	The hafnium isotope composition of Pacific Ocean water. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 91-101.	1.6	51
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