

Janne Blichert-Toft

List of Publications by Year in descending order

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Version: 2024-02-01

209
papers

21,424
citations

11639

70
h-index

9579

142
g-index

212
all docs

212
docs citations

212
times ranked

9041
citing authors

#	ARTICLE	IF	CITATIONS
1	New findings of ancient Greek silver sources. <i>Journal of Archaeological Science</i> , 2022, 137, 105474.	1.2	14
2	Origin and fate of the greatest accumulation of silver in ancient history. <i>Archaeological and Anthropological Sciences</i> , 2022, 14, 1.	0.7	7
3	Distinguishing Volcanic Contributions to the Overlapping Samoan and Cook-Austral Hotspot Tracks. <i>Journal of Petrology</i> , 2022, 63, .	1.1	3
4	The komatiite testimony to ancient mantle heterogeneity. <i>Chemical Geology</i> , 2022, 594, 120776.	1.4	13
5	Silver isotope and volatile trace element systematics in galena samples from the Iberian Peninsula and the quest for silver sources of Roman coinage. <i>Geology</i> , 2022, 50, 422-426.	2.0	13
6	Thank You to Our 2021 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	0
7	From commodity to money: The rise of silver coinage around the Ancient Mediterranean (sixth century BC to first century AD). <i>Journal of Archaeological Science</i> , 2021, 134, 105472.	0.784314	19
8	Chapter 7.2 of Mount Erebus. <i>Geological Society Memoir</i> , 2021, 55, 695-739.	0.9	15
9	Thank You to Our 2020 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009697.	1.0	0
10	Sampling and combined Pb and Ag isotopic analysis of ancient silver coins and ores. <i>Chemical Geology</i> , 2021, 564, 120028.	1.4	17
11	Model for ancient Greek and Roman coinage production. <i>Journal of Archaeological Science</i> , 2021, 131, 105406.	1.2	1
12	Metal provenance of Iron Age Hacksilber hoards in the southern Levant. <i>Journal of Archaeological Science</i> , 2021, 134, 105472.	1.2	10
13	The significance of galena Pb model ages and the formation of large Pb-Zn sedimentary deposits. <i>Chemical Geology</i> , 2021, 583, 120444.	1.4	11
14	Age and mantle sources of Quaternary basalts associated with leaky transform faults of the migrating Anatolia-Arabia-Africa triple junction. , 2021, 17, 69-94.		4
15	A miner's perspective on Pb isotope provenances in the Western and Central Mediterranean. <i>Journal of Archaeological Science</i> , 2020, 121, 105194.	1.2	29
16	Ancient helium and tungsten isotopic signatures preserved in mantle domains least modified by crustal recycling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 30993-31001.	3.3	41
17	Ultra-depleted ²⁰⁵ Ga komatiites of Finnish Lapland: Products of grainy late accretion or core-mantle interaction?. <i>Chemical Geology</i> , 2020, 554, 119801.	1.4	31
18	Thank You to Our 2019 Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009007.	1.0	0

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19	Chemical archeoceanography. <i>Chemical Geology</i> , 2020, 548, 119625.	1.4	9
20	Th/U variability in Allende chondrules. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 280, 378-394.	1.6	6
21	Lead isotopes as tracers of crude oil migration within deep crustal fluid systems. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115747.	1.8	10
22	Thank You to Our 2018 Peer Reviewers. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 4593-4598.	1.0	0
23	Hot and Heterogenous High ³ He/ ⁴ He Components: New Constraints From Proto-Iceland Plume Lavas From Baffin Island. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 5939-5967.	1.0	15
24	A critical evaluation of copper isotopes in Precambrian Iron Formations as a paleoceanographic proxy. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 264, 130-140.	1.6	7
25	An isotopically distinct Zealandia Antarctic mantle domain in the Southern Ocean. <i>Nature Geoscience</i> , 2019, 12, 206-214.	5.4	28
26	Economic resilience of Carthage during the Punic Wars: Insights from sediments of the Medjerda delta around Utica (Tunisia). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9764-9769.	3.3	8
27	Extraction of Pb and Zn from crude oil for high-precision isotopic analysis by MC-ICP-MS. <i>Chemical Geology</i> , 2019, 511, 112-122.	1.4	13
28	Dynamics of oceanic iron prior to the Great Oxygenation Event. <i>Earth and Planetary Science Letters</i> , 2019, 506, 360-370.	1.8	31
29	The Assean Lake Complex. , 2019, , 703-722.		0
30	182W and HSE constraints from 2.7 Ga komatiites on the heterogeneous nature of the Archean mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 228, 1-26.	1.6	48
31	Sub-arc xenolith Fe-Li-Pb isotopes and textures tell tales of their journey through the mantle wedge and crust. <i>Geology</i> , 2018, 46, 947-950.	2.0	13
32	The nature and evolution of mantle upwelling at Ross Island, Antarctica, with implications for the source of HIMU lavas. <i>Earth and Planetary Science Letters</i> , 2018, 498, 38-53.	1.8	42
33	Hafnium. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 629-631.	0.1	0
34	Hafnium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 631-636.	0.1	0
35	Geodynamic implications for zonal and meridional isotopic patterns across the northern ^L au and ^N orth ^F iji ^B asins. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1013-1042.	1.0	14
36	A reappraisal of the evolution of the palaeo-Pacific margin of Gondwana from the Pb and Os isotope systematics of igneous rocks from the southern Adelaide fold belt, South Australia. <i>Gondwana Research</i> , 2017, 45, 152-162.	3.0	6

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37	Shallow melting of MORB-like mantle under hot continental lithosphere, central Anatolia. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1866-1888.	1.0	63
38	Rome's urban history inferred from Pb-contaminated waters trapped in its ancient harbor basins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10059-10064.	3.3	31
39	Geochemistry of lavas from the Caroline hotspot, Micronesia: Evidence for primitive and recycled components in the mantle sources of lavas with moderately elevated $^3\text{He}/^4\text{He}$. <i>Chemical Geology</i> , 2017, 455, 385-400.	1.4	23
40	Geochemical Constraints Provided by the Freetown Layered Complex (Sierra Leone) on the Origin of High-Ti Tholeiitic CAMP Magmas. <i>Journal of Petrology</i> , 2017, 58, 1811-1840.	1.1	39
41	Isotopic and elemental evidence for Scabland Flood sediments offshore Vancouver Island. <i>Quaternary Science Reviews</i> , 2016, 139, 129-137.	1.4	11
42	A lead isotope perspective on urban development in ancient Naples. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6148-6153.	3.3	33
43	Pikes Peak batholith (Colorado, USA) revisited: A SIMS and LA-ICP-MS study of zircon ^{206}Pb ages combined with solution Hf isotopic compositions. <i>Precambrian Research</i> , 2016, 280, 179-194.	1.2	22
44	Hafnium Isotopes. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-6.	0.1	0
45	On edge melting under the Colorado Plateau margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2835-2854.	1.0	13
46	Hafnium. <i>Encyclopedia of Earth Sciences Series</i> , 2016, , 1-3.	0.1	1
47	Mantle heterogeneities beneath the Northeast Indian Ocean as sampled by intra-plate volcanism at Christmas Island. <i>Lithos</i> , 2016, 262, 561-575.	0.6	10
48	A geochemical and sedimentological perspective of the life cycle of Neapolis harbor (Naples, southern Tj ETQq0 0 0 rgeBT /Overlock 10 T	1.4	13
49	Large-scale tectonic cycles in Europe revealed by distinct Pb isotope provinces. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 3854-3864.	1.0	46
50	Geochemical evidence in the northeast Lau Basin for subduction of the Cook-Austral volcanic chain in the Tonga Trench. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1694-1724.	1.0	23
51	The coupled ^{182}W - ^{142}Nd record of early terrestrial mantle differentiation. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2168-2193.	1.0	87
52	Elemental and isotopic perspectives on the impact of arbuscular mycorrhizal and ectomycorrhizal fungi on mineral weathering across imposed geologic gradients. <i>Chemical Geology</i> , 2016, 445, 164-171.	1.4	10
53	Lithophile and siderophile element systematics of Earth's mantle at the Archean-Proterozoic boundary: Evidence from 2.4 Ga komatiites. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 180, 227-255.	1.6	73
54	Appreciation of peer reviewers for 2014. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 2473-2479.	1.0	0

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55	¹⁴⁷ Sm- ¹⁴³ Nd and ¹⁷⁶ Lu- ¹⁷⁶ Hf systematics of eucrite and angrite meteorites. <i>Meteoritics and Planetary Science</i> , 2015, 50, 1896-1911.	0.7	20
56	Lithospheric mantle evolution in the Afro-Arabian domain: Insights from Bir Ali mantle xenoliths (Yemen). <i>Tectonophysics</i> , 2015, 650, 3-17.	0.9	25
57	Corrigendum to 'Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Petrogenesis of Basaltic Andesites at Tofua Volcano' and 'Magma Evolution in the Primitive, Intra-oceanic Tonga Arc: Rapid Petrogenesis of Dacites at Fonualei Volcano'. <i>Journal of Petrology</i> , 2015, 56, 641-644.	1.1	2
58	The lunar neutron energy spectrum inferred from the isotope compositions of rare-earth elements and hafnium in Apollo samples. <i>Earth and Planetary Science Letters</i> , 2015, 429, 147-156.	1.8	5
59	Hf and Nd isotope systematics of early Archean komatiites from surface sampling and ICDP drilling in the Barberton Greenstone Belt, South Africa. <i>American Mineralogist</i> , 2015, 100, 2396-2411.	0.9	47
60	Demise of a harbor: a geochemical chronicle from Ephesus. <i>Journal of Archaeological Science</i> , 2015, 53, 202-213.	1.2	32
61	Helium isotopic textures in Earth's upper mantle. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2048-2074.	1.0	39
62	Geochemical investigation of a sediment core from the Trajan basin at Portus, the harbor of ancient Rome. <i>Quaternary Science Reviews</i> , 2014, 87, 34-45.	1.4	36
63	Lu-Hf isotope systematics of the Hadean-Eoarchean Acasta Gneiss Complex (Northwest Territories), Tj ETQq1_1.0.784314 rgBT	1.6	41
64	Component geochronology in the polyphase ca. 3920 Ma Acasta Gneiss. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 133, 68-96.	1.6	75
65	Diet of ancient Egyptians inferred from stable isotope systematics. <i>Journal of Archaeological Science</i> , 2014, 46, 114-124.	1.2	28
66	Why Archean TTG cannot be generated by MORB melting in subduction zones. <i>Lithos</i> , 2014, 198-199, 1-13.	0.6	242
67	Lead in ancient Rome's city waters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6594-6599.	3.3	86
68	Mantle dynamics and secular variations beneath the East African Rift: Insights from peridotite xenoliths (Mega, Ethiopia). <i>Chemical Geology</i> , 2014, 386, 49-58.	1.4	33
69	Density functional theory estimation of isotope fractionation of Fe, Ni, Cu, and Zn among species relevant to geochemical and biological environments. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 140, 553-576.	1.6	211
70	Hafnium isotope evidence for early-Proterozoic volcanic arc reworking in the Skellefte district (northern Sweden) and implications for the Svecofennian orogen. <i>Precambrian Research</i> , 2014, 252, 39-52.	1.2	11
71	Implications of discordant U-Pb ages on Hf isotope studies of detrital zircons. <i>Chemical Geology</i> , 2014, 385, 17-25.	1.4	36
72	Combined ^{147,146} Sm- ^{143,142} Nd constraints on the longevity and residence time of early terrestrial crust. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2329-2345.	1.0	58

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73	Insights from Pb and O isotopes into along-arc variations in subduction inputs and crustal assimilation for volcanic rocks in Java, Sunda arc, Indonesia. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 139, 205-226.	1.6	29
74	Comment on "Geochronology of the Martian meteorite Zagami revealed by U-Pb ion probe dating of accessory minerals" by Zhou et al.. <i>Earth and Planetary Science Letters</i> , 2014, 385, 216-217.	1.8	3
75	The distribution of geochemical heterogeneities in the source of Hawaiian shield lavas as revealed by a transect across the strike of the Loa and Kea spatial trends: East Molokai to West Molokai to Penguin Bank. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 132, 214-237.	1.6	17
76	Similarities between the Th/U map of the western US crystalline basement and the seismic properties of the underlying lithosphere. <i>Earth and Planetary Science Letters</i> , 2014, 391, 243-254.	1.8	9
77	Evidence for a broadly distributed Samoan-plume signature in the northern Lau and North Fiji Basins. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 986-1008.	1.0	34
78	Egyptian mummies record increasing aridity in the Nile valley from 5500 to 1500yr before present. <i>Earth and Planetary Science Letters</i> , 2013, 375, 92-100.	1.8	42
79	Early mantle dynamics inferred from ^{142}Nd variations in Archean rocks from southwest Greenland. <i>Earth and Planetary Science Letters</i> , 2013, 377-378, 324-335.	1.8	65
80	Siderophile elements in IVA irons and the compaction of their parent asteroidal core. <i>Earth and Planetary Science Letters</i> , 2013, 362, 122-129.	1.8	9
81	Asteroidal impacts and the origin of terrestrial and lunar volatiles. <i>Icarus</i> , 2013, 222, 44-52.	1.1	99
82	Short length scale mantle heterogeneity beneath Iceland probed by glacial modulation of melting. <i>Earth and Planetary Science Letters</i> , 2013, 379, 146-157.	1.8	36
83	Sr, Nd, Hf and Pb isotope systematics of postshield-stage lavas at Kahoolawe, Hawaii. <i>Chemical Geology</i> , 2013, 360-361, 159-172.	1.4	7
84	Inherited ^{142}Nd anomalies in Eoarchean protoliths. <i>Earth and Planetary Science Letters</i> , 2013, 361, 50-57.	1.8	91
85	Pb and Hf isotope variations along the Southeast Indian Ridge and the dynamic distribution of MORB source domains in the upper mantle. <i>Earth and Planetary Science Letters</i> , 2013, 375, 196-208.	1.8	23
86	A legacy of Hadean silicate differentiation inferred from Hf isotopes in Eoarchean rocks of the Nuvvuagittuq supracrustal belt (Quebec, Canada). <i>Earth and Planetary Science Letters</i> , 2013, 362, 171-181.	1.8	43
87	On the Time Scales of Magma Genesis, Melt Evolution, Crystal Growth Rates and Magma Degassing in the Erebus Volcano Magmatic System Using the ^{238}U , ^{235}U and ^{232}Th Decay Series. <i>Journal of Petrology</i> , 2013, 54, 235-271.	1.1	39
88	Recent volcanic accretion at 9°N East Pacific Rise as resolved by combined geochemical and geological observations. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 2547-2574.	1.0	19
89	Melting under the Colorado Plateau, USA. <i>Geology</i> , 2012, 40, 387-390.	2.0	36
90	The elusive Hadean enriched reservoir revealed by ^{142}Nd deficits in Isua Archean rocks. <i>Nature</i> , 2012, 491, 96-100.	13.7	95

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91	A GEOLOGICAL PERSPECTIVE ON THE USE OF Pb ISOTOPES IN ARCHAEOOMETRY. <i>Archaeometry</i> , 2012, 54, 853-867.	0.6	106
92	Hafnium isotope evidence from Archean granitic rocks for deep-mantle origin of continental crust. <i>Earth and Planetary Science Letters</i> , 2012, 337-338, 211-223.	1.8	169
93	Pd ¹⁰⁷ /Ag chronology of volatile depletion, crystallization and shock in the Muonionalusta IVA iron meteorite and implications for its parent body. <i>Earth and Planetary Science Letters</i> , 2012, 351-352, 215-222.	1.8	15
94	Upper Mantle Pollution during Afar Plume ¹⁰⁷ Continental Rift Interaction. <i>Journal of Petrology</i> , 2012, 53, 365-389.	1.1	88
95	Synthetic zircon doped with hafnium and rare earth elements: A reference material for in situ hafnium isotope analysis. <i>Chemical Geology</i> , 2011, 286, 32-47.	1.4	148
96	Understanding melt generation beneath the slow-spreading Kolbeinsey Ridge using ²³⁸ U, ²³⁰ Th, and ²³¹ Pa excesses. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6300-6329.	1.6	33
97	Combined Nd and Hf isotope evidence for deep-seated source of Isua lavas. <i>Earth and Planetary Science Letters</i> , 2011, 312, 267-279.	1.8	120
98	Hafnium isotopic variations in East Atlantic intraplate volcanism. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 21-36.	1.2	28
99	Perspective on the Genesis of E-MORB from Chemical and Isotopic Heterogeneity at 9 ¹⁰⁷ 10 ¹⁰ N East Pacific Rise. <i>Journal of Petrology</i> , 2011, 52, 565-602.	1.1	96
100	THE ELUSIVE ⁶⁰ Fe IN THE SOLAR NEBULA. <i>Astrophysical Journal</i> , 2011, 741, 71.	1.6	26
101	Nd ¹⁴³ /Sr ⁸⁷ /Hf ¹⁷⁶ /O isotope provinciality in the northernmost Arabian ¹⁰⁷ Nubian Shield: implications for crustal evolution. <i>Contributions To Mineralogy and Petrology</i> , 2010, 160, 181-201.	1.2	98
102	Fore ¹⁰⁷ arc basalts and subduction initiation in the Izu ¹⁰⁷ Bonin ¹⁰⁷ Mariana system. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	1.0	589
103	The early formation of the IVA iron meteorite parent body. <i>Earth and Planetary Science Letters</i> , 2010, 296, 469-480.	1.8	46
104	Depleted mantle sources through time: Evidence from Lu ¹⁷⁶ /Hf and Sm ¹⁴⁷ /Nd isotope systematics of Archean komatiites. <i>Earth and Planetary Science Letters</i> , 2010, 297, 598-606.	1.8	161
105	The Solar System primordial lead. <i>Earth and Planetary Science Letters</i> , 2010, 300, 152-163.	1.8	65
106	Partial Melting of Mantle and Crustal Sources beneath South Karakorum, Pakistan: Implications for the Miocene Geodynamic Evolution of the India-Asia Convergence Zone. <i>Journal of Petrology</i> , 2009, 50, 427-449.	1.1	87
107	Crustal Contamination of Mantle-derived Magmas within Piton de la Fournaise Volcano, Reunion Island. <i>Journal of Petrology</i> , 2009, 50, 661-684.	1.1	41
108	Martian meteorite chronology and the evolution of the interior of Mars. <i>Earth and Planetary Science Letters</i> , 2009, 280, 285-295.	1.8	121

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109	Mixing of isotopic heterogeneities in the Mauna Kea plume conduit. <i>Earth and Planetary Science Letters</i> , 2009, 282, 190-200.	1.8	46
110	Geochemical stages at Jasper Seamount and the origin of intraplate volcanoes. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	31
111	Ancient carbonate sedimentary signature in the Hawaiian plume: Evidence from Mahukona volcano, Hawaii. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	1.0	29
112	The terrestrial cradle of life. , 2009, , .		4
113	Timing of high-pressure metamorphism and exhumation of the eclogite type locality (Kupplerbrunn-Prickler Halt, Saualpe, south-eastern Austria): constraints from correlations of the Sm-Nd, Lu-Hf, U-Pb and Rb-Sr isotopic systems. <i>Journal of Metamorphic Geology</i> , 2008, 26, 561-581.	1.6	68
114	A Sr, Nd, Hf, and Pb isotope perspective on the genesis and long-term evolution of alkaline magmas from Erebus volcano, Antarctica. <i>Journal of Volcanology and Geothermal Research</i> , 2008, 177, 606-618.	0.8	50
115	Hafnium isotopes in Jack Hills zircons and the formation of the Hadean crust. <i>Earth and Planetary Science Letters</i> , 2008, 265, 686-702.	1.8	177
116	The case for old basaltic shergottites. <i>Earth and Planetary Science Letters</i> , 2008, 266, 105-124.	1.8	117
117	Pb, Hf and Nd isotope compositions of the two Réunion volcanoes (Indian Ocean): A tale of two small-scale mantle 'blobs'. <i>Earth and Planetary Science Letters</i> , 2008, 265, 748-765.	1.8	85
118	U-Pb dating of fossil enamel from the Swartkrans Pleistocene hominid site, South Africa. <i>Earth and Planetary Science Letters</i> , 2008, 267, 236-246.	1.8	73
119	One hundred million years of mantle geochemical history suggest the retiring of mantle plumes is premature. <i>Earth and Planetary Science Letters</i> , 2008, 275, 285-295.	1.8	55
120	The Hf isotopic composition of zircon reference material 91500. <i>Chemical Geology</i> , 2008, 253, 252-257.	1.4	231
121	The role of lithospheric gabbros on the composition of Galapagos lavas. <i>Earth and Planetary Science Letters</i> , 2007, 257, 391-406.	1.8	76
122	A unique lower mantle source for Southern Italy volcanics. <i>Earth and Planetary Science Letters</i> , 2007, 259, 227-238.	1.8	47
123	The split fate of the early Earth, Mars, Venus, and Moon. <i>Comptes Rendus - Geoscience</i> , 2007, 339, 917-927.	0.4	38
124	The origin of enriched mantle beneath São Miguel, Azores. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 219-240.	1.6	104
125	Pb-Pb dating constraints on the accretion and cooling history of chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 1583-1604.	1.6	148
126	Constraints on source-forming processes of West Greenland kimberlites inferred from Hf-Nd isotope systematics. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 2820-2836.	1.6	66

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127	Comparative stable isotope geochemistry of Ni, Cu, Zn, and Fe in chondrites and iron meteorites. <i>Geochimica Et Cosmochimica Acta</i> , 2007, 71, 4365-4379.	1.6	114
128	Major and Trace Element and Sr, Nd, Hf, and Pb Isotope Compositions of the Karoo Large Igneous Province, Botswanaâ€“Zimbabwe: Lithosphere vs Mantle Plume Contribution. <i>Journal of Petrology</i> , 2007, 48, 1043-1077.	1.1	266
129	Hafnium, neodymium, and strontium isotope and parent-daughter element systematics in basalts from the plume-ridge interaction system of the Salas y Gomez Seamount Chain and Easter Microplate. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	1.0	26
130	Geochemical characteristics of West Molokai shieldâ€“and postshieldâ€“stage lavas: Constraints on Hawaiian plume models. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	1.0	48
131	Isotopic portrayal of the Earthâ€™s upper mantle flow field. <i>Nature</i> , 2007, 447, 1069-1074.	13.7	104
132	Geochemical component relationships in MORB from the Mid-Atlantic Ridge, 22â€“35â°N. <i>Earth and Planetary Science Letters</i> , 2006, 241, 844-862.	1.8	65
133	Î³-ray irradiation in the early Solar System and the conundrum of the ¹⁷⁶ Lu decay constant. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 1261-1270.	1.6	115
134	Europium isotopic variations in Allende CAIs and the nature of mass-dependent fractionation in the solar nebula. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 4287-4294.	1.6	41
135	Cryptic striations in the upper mantle revealed by hafnium isotopes in southeast Indian ridge basalts. <i>Nature</i> , 2006, 440, 199-202.	13.7	57
136	Isotope and trace element evidence for depleted lithosphere in the source of enriched Koâ€™olau basalts. <i>Contributions To Mineralogy and Petrology</i> , 2006, 151, 297-312.	1.2	48
137	Response to Comment on "Heterogeneous Hadean Hafnium: Evidence of Continental Crust at 4.4 to 4.5 Ga". <i>Science</i> , 2006, 312, 1139b-1139b.	6.0	13
138	The Mesoproterozoic Zig-Zag Dal basalts and associated intrusions of eastern North Greenland: mantle plume?lithosphere interaction. <i>Contributions To Mineralogy and Petrology</i> , 2005, 149, 40-56.	1.2	64
139	Hf isotope compositions and HREE variations in off-craton garnet and spinel peridotite xenoliths from central Asia. <i>Geochimica Et Cosmochimica Acta</i> , 2005, 69, 2399-2418.	1.6	63
140	Comment to â€“Pb isotopic analysis of standards and samples using a ²⁰⁷ Pbâ€“ ²⁰⁴ Pb double spike and thallium to correct for mass bias with a double-focusing MCâ€“ICPâ€“MSâ€“by Baker et al.. <i>Chemical Geology</i> , 2005, 217, 171-174.	1.4	14
141	The spectra of isotopic heterogeneities along the mid-Atlantic Ridge. <i>Earth and Planetary Science Letters</i> , 2005, 238, 96-109.	1.8	112
142	The age of SNC meteorites and the antiquity of the Martian surface. <i>Earth and Planetary Science Letters</i> , 2005, 240, 221-233.	1.8	123
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