

Laurie Reisberg

List of Publications by Year in descending order

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35
papers

2,488
citations

201674

27
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

1776
citing authors

#	ARTICLE	IF	CITATIONS
1	Os isotopic systematics of the MORB mantle: results from altered abyssal peridotites. <i>Earth and Planetary Science Letters</i> , 1995, 133, 411-421.	4.4	275
2	Os isotope systematics in ocean island basalts. <i>Earth and Planetary Science Letters</i> , 1993, 120, 149-167.	4.4	216
3	The cosmic molybdenum-ruthenium isotope correlation. <i>Earth and Planetary Science Letters</i> , 2004, 226, 465-475.	4.4	159
4	Re-Os and S systematics of spinel peridotite xenoliths from east central China: Evidence for contrasting effects of melt percolation. <i>Earth and Planetary Science Letters</i> , 2005, 239, 286-308.	4.4	127
5	Extreme isotopic variations in the upper mantle: evidence from Ronda. <i>Earth and Planetary Science Letters</i> , 1986, 81, 29-45.	4.4	118
6	Re-Os systematics of UB-N, a serpentinized peridotite reference material. <i>Chemical Geology</i> , 2003, 201, 161-179.	3.3	115
7	Volatile-rich Metasomatism in Montferrier Xenoliths (Southern France): Implications for the Abundances of Chalcophile and Highly Siderophile Elements in the Subcontinental Mantle. <i>Journal of Petrology</i> , 2011, 52, 2009-2045.	2.8	107
8	$^{40}\text{Ar}/^{39}\text{Ar}$ ages and Sr-Nd-Pb-Os geochemistry of CAMP tholeiites from Western Maranhão basin (NE Tj FTQq 0 0 rgBT /Ove	1.4	106
9	The Central Atlantic Magmatic Province (CAMP): A Review. <i>Topics in Geobiology</i> , 2018, , 91-125.	0.5	103
10	Platinum-group elements and melt percolation processes in Sidamo spinel peridotite xenoliths, Ethiopia, East African Rift. <i>Chemical Geology</i> , 2003, 196, 57-75.	3.3	96
11	Further Sr and Nd isotopic results from peridotites of the Ronda Ultramafic Complex. <i>Earth and Planetary Science Letters</i> , 1989, 96, 161-180.	4.4	95
12	Os isotopic systematics in mantle xenoliths; age constraints on the Canadian Cordillera lithosphere. <i>Chemical Geology</i> , 2000, 166, 85-101.	3.3	87
13	Reliability of Os model ages in pervasively metasomatized continental mantle lithosphere: a case study of Sidamo spinel peridotite xenoliths (East African Rift, Ethiopia). <i>Chemical Geology</i> , 2004, 208, 119-140.	3.3	74
14	A major and trace element and strontium, neodymium, and osmium isotopic study of a thick pyroxenite layer from the Beni Bousera Ultramafic Complex of northern Morocco. <i>Geochimica Et Cosmochimica Acta</i> , 1996, 60, 1429-1444.	3.9	71
15	Re-Os constraints on harzburgite and lherzolite formation in the lithospheric mantle: a study of northern Canadian Cordillera xenoliths. <i>Geochimica Et Cosmochimica Acta</i> , 2000, 64, 3061-3071.	3.9	71
16	Sr, Nd, Pb and Os Isotope Systematics of CAMP Tholeiites from Eastern North America (ENA): Evidence of a Subduction-enriched Mantle Source. <i>Journal of Petrology</i> , 2014, 55, 133-180.	2.8	69
17	The Central Atlantic Magmatic Province (CAMP) in Morocco. <i>Journal of Petrology</i> , 2019, 60, 945-996.	2.8	68
18	Upper and lower crust recycling in the source of CAMP basaltic dykes from southeastern North America. <i>Earth and Planetary Science Letters</i> , 2013, 376, 186-199.	4.4	66

#	ARTICLE	IF	CITATIONS
19	Enriched mantle source for the Central Atlantic magmatic province: New supporting evidence from southwestern Europe. <i>Lithos</i> , 2014, 188, 15-32.	1.4	61
20	Highly Siderophile Element and ¹⁸⁷ Os Signatures in Non-cratonic Basalt-hosted Peridotite Xenoliths: Unravelling the Origin and Evolution of the Post-Archean Lithospheric Mantle. <i>Reviews in Mineralogy and Geochemistry</i> , 2016, 81, 305-367.	4.8	58
21	The Os isotopic composition of Himalayan river bedloads and bedrocks: importance of black shales. <i>Earth and Planetary Science Letters</i> , 2000, 176, 203-218.	4.4	55
22	Inference on terrestrial genesis from molybdenum isotope systematics. <i>Geophysical Research Letters</i> , 2002, 29, 8-1-8-3.	4.0	39
23	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.	2.8	39
24	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
25	Solvent Extraction, Ion Chromatography, and Mass Spectrometry of Molybdenum Isotopes. <i>Analytical Chemistry</i> , 2001, 73, 2613-2616.	6.5	33
26	An isotopic study of the Ni-Cu-PGE-rich Wellgreen intrusion of the Wrangellia Terrane: Evidence for hydrothermal mobilization of rhenium and osmium. <i>Geochimica Et Cosmochimica Acta</i> , 1994, 58, 1007-1018.	3.9	29
27	Re-Os systematics of the Raobazhai peridotite massifs from the Dabie orogenic zone, eastern China. <i>Chemical Geology</i> , 2009, 268, 1-14.	3.3	28
28	Re-Os results from ODP Site 801: Evidence for extensive Re uptake during alteration of oceanic crust. <i>Chemical Geology</i> , 2008, 248, 256-271.	3.3	25
29	Oxygen-Osmium isotope systematics of West Maui lavas: A record of shallow-level magmatic processes. <i>Earth and Planetary Science Letters</i> , 2005, 239, 122-139.	4.4	23
30	An alternative explanation for the distribution of highly siderophile elements in the Earth.. <i>Geochemical Journal</i> , 2002, 36, 409-419.	1.0	11
31	Preservation of an Archaean whole rock Re-Os isochron for the Venetia lithospheric mantle: Evidence for rapid crustal recycling and lithosphere stabilisation at 3.3 Ga. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 216, 242-263.	3.9	11
32	Os isotopic compositions of leachates and bulk sediments from the Bengal Fan. <i>Earth and Planetary Science Letters</i> , 1997, 150, 117-127.	4.4	9
33	Osmium isotope constraints on formation and refertilization of the non-cratonic continental mantle lithosphere. <i>Chemical Geology</i> , 2021, 574, 120245.	3.3	8
34	Highly Siderophile Element and ¹⁸⁷ Os Signatures in Non-cratonic Basalt-hosted Peridotite Xenoliths: Unravelling the Origin and Evolution of the Post-Archean Lithospheric Mantle. , 2016, , 305-368.		2
35	Highly siderophile element and Os isotope results from the structurally atypical Batin dunite in the Wadi Tayin massif of the Oman ophiolite. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021977.	3.4	1