

High precision SIMS oxygen isotope analysis and the ef

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Metasomatic origin of diamonds in the world's largest diamondiferous eclogite. <i>Lithos</i> , 2009, 112, 1014-1024.	0.6	45
3	Geobiological investigations using secondary ion mass spectrometry: microanalysis of extant and paleo- ϵ -microbial processes. <i>Geobiology</i> , 2009, 7, 360-372.	1.1	64
4	Silicon isotopic fractionation of CAI-like vacuum evaporation residues. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 6390-6401.	1.6	46
6	Multiple origins of zircons in jadeitite. <i>Contributions To Mineralogy and Petrology</i> , 2010, 159, 769-780.	1.2	60
7	The Northwest Africa 1500 meteorite: Not a ureilite, maybe a brachinite. <i>Meteoritics and Planetary Science</i> , 2010, 45, 1906-1928.	0.7	29
8	GGR Biennial Review: Key Advances in Secondary Ion Mass Spectrometry in the Geological Sciences during the Period 2008-2009. <i>Geostandards and Geoanalytical Research</i> , 2010, 34, 387-394.	1.7	6
9	A single asteroidal source for extraterrestrial Ordovician chromite grains from Sweden and China: High-precision oxygen three-isotope SIMS analysis. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 497-509.	1.6	79
10	High precision SIMS oxygen three isotope study of chondrules in LL3 chondrites: Role of ambient gas during chondrule formation. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6610-6635.	1.6	162
11	Assessment of grain-scale homogeneity and equilibration of carbon and oxygen isotope compositions of minerals in carbonate-bearing metamorphic rocks by ion microprobe. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6517-6540.	1.6	30
12	Ion microprobe analysis of oxygen isotopes in garnets of complex chemistry. <i>Chemical Geology</i> , 2010, 270, 9-19.	1.4	93
13	In situ sulfur isotope analysis of sulfide minerals by SIMS: Precision and accuracy, with application to thermometry of $\delta^{34}\text{S}$ in Pilbara cherts. <i>Chemical Geology</i> , 2010, 275, 243-253.	1.4	78
14	Crystal orientation effects in $\delta^{18}\text{O}$ for magnetite and hematite by SIMS. <i>Chemical Geology</i> , 2010, 276, 269-283.	1.4	70
15	High-resolution P-T-t paths from $\delta^{18}\text{O}$ zoning in titanite: A snapshot of late-orogenic collapse in the Grenville of New York. <i>Geology</i> , 2011, 39, 959-962.	2.0	29
16	Planktonic foraminiferal oxygen isotope analysis by ion microprobe technique suggests warm tropical sea surface temperatures during the Early Paleogene. <i>Paleoceanography</i> , 2011, 26, .	3.0	70
17	Constraining atmospheric oxygen and seawater sulfate concentrations during Paleoproterozoic glaciation: In situ sulfur three-isotope microanalysis of pyrite from the Turee Creek Group, Western Australia. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5686-5705.	1.6	89
18	SIMS analyses of silicon and oxygen isotope ratios for quartz from Archean and Paleoproterozoic banded iron formations. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 5879-5891.	1.6	89
19	Petrology and oxygen isotope compositions of chondrules in E3 chondrites. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 6556-6569.	1.6	60
20	Oxygen isotope systematics of chondrules in the Allende CV3 chondrite: High precision ion microprobe studies. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 7596-7611.	1.6	95

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22	A chondrule-like object captured by space-exposed aerogel on the international space station. <i>Earth and Planetary Science Letters</i> , 2011, 309, 198-206.	1.8	16
23	Ion microprobe analyses of oxygen three- $\delta^{18}\text{O}$ isotope ratios of chondrules from the Sayh al Uhaymir 290 CH chondrite using a multiple-hole disk. <i>Meteoritics and Planetary Science</i> , 2011, 46, 857-874.	0.7	25
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26	Zircon U-Pb isotope, $\delta^{18}\text{O}$ and trace element response to 80 m.y. of high temperature metamorphism in the lower crust: Sluggish diffusion and new records of Archean craton formation. <i>Numerische Mathematik</i> , 2011, 311, 719-772.	0.7	58
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28	Oxygen isotope heterogeneity of the mantle beneath the Canary Islands: insights from olivine phenocrysts. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 349-363.	1.2	47
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31	Oxygen isotope variations of garnets and clinopyroxenes in a layered diamondiferous calcisilicate rock from Kokchetav Massif, Kazakhstan: a window into the geochemical nature of deeply subducted UHPM rocks. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 1079-1092.	1.2	32
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33	Formation of Forsterite by Silicification of Dolomite during Contact Metamorphism. <i>Journal of Petrology</i> , 2011, 52, 1619-1640.	1.1	36
34	Intra- and Intercrystalline Oxygen Isotope Variations in Minerals from Basalts and Peridotites. <i>Journal of Petrology</i> , 2011, 52, 1393-1413.	1.1	41
35	Syn-extensional plutonism and peak metamorphism in the Albion-Raft River-Grouse Creek metamorphic core complex. <i>Numerische Mathematik</i> , 2011, 311, 261-314.	0.7	22
36	Nonglacial origin for low- $\delta^{18}\text{O}$ Neoproterozoic magmas in the South China Block: Evidence from new in-situ oxygen isotope analyses using SIMS. <i>Geology</i> , 2011, 39, 735-738.	2.0	63
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40	High precision oxygen three-isotope analyses of anhydrous chondritic interplanetary dust particles. <i>Meteoritics and Planetary Science</i> , 2012, 47, 197-208.	0.7	19
41	Relative retention of trace element and oxygen isotope ratios in zircon from Archean rhyolite, Panorama Formation, North Pole Dome, Pilbara Craton, Western Australia. <i>Chemical Geology</i> , 2012, 332-333, 102-115.	1.4	11
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43	Oxygen isotope fractionation between calcite and fluid as a function of growth rate and temperature: An in situ study. <i>Chemical Geology</i> , 2012, 306-307, 92-102.	1.4	99
44	Internal ²⁶ Al- ²⁶ Mg isotope systematics of a Type B CAI: Remelting of refractory precursor solids. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 86, 37-51.	1.6	63
45	Seasonal resolution of Eastern Mediterranean climate change since 34ka from a Soreq Cave speleothem. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 89, 240-255.	1.6	91
46	Primordial oxygen isotope reservoirs of the solar nebula recorded in chondrules in Acfer 094 carbonaceous chondrite. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 90, 242-264.	1.6	173
47	Oxygen isotopes in crystalline silicates of comet Wild 2: A comparison of oxygen isotope systematics between Wild 2 particles and chondritic materials. <i>Earth and Planetary Science Letters</i> , 2012, 357-358, 355-365.	1.8	63
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51	Oxygen isotope heterogeneity of the mantle beneath the Canary Islands: a discussion of the paper of Gurenko et al.. <i>Contributions To Mineralogy and Petrology</i> , 2012, 164, 177-183.	1.2	12
52	O-Hf isotope constraints on the origin of zircon in high-pressure mafic blocks and associated matrix rocks from Tinos and Syros, Greece. <i>European Journal of Mineralogy</i> , 2012, 24, 277-287.	0.4	36
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55	Generation of Early Indosinian enriched mantle-derived granitoid pluton in the Sanjiang Orogen (SW Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	131
56	Isotopic fractionation of silicon negative ions sputtered from minerals by Cs+ bombardment. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2012, 275, 41-57.	0.6	3

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63	Perspectives on the origin of plagiogranite in ophiolites from oxygen isotopes in zircon. <i>Lithos</i> , 2013, 179, 48-66.	0.6	107
64	Preservation and detection of microstructural and taxonomic correlations in the carbon isotopic compositions of individual Precambrian microfossils. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 104, 165-182.	1.6	72
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71	Evolution of the African continental crust as recorded by U-Pb, Lu-Hf and O isotopes in detrital zircons from modern rivers. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 107, 96-120.	1.6	136
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73	Oxygen isotope systematics of chondrule phenocrysts from the CO3.0 chondrite Yamato 81020: Evidence for two distinct oxygen isotope reservoirs. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 102, 226-245.	1.6	99
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87	Secondary Ion Mass Spectrometry. New Developments in Mass Spectrometry, 2014, , 439-499.	0.2	9
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98	Stable isotope time-series in mammalian teeth: In situ $\delta^{18}\text{O}$ from the innermost enamel layer. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 124, 223-236.	1.6	61
99	A novel ToF-SIMS operation mode for sub 100nm lateral resolution: Application and performance. <i>Applied Surface Science</i> , 2014, 289, 407-416.	3.1	81
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101	Laser Ablation ICP-MS and Laser Fluorination GS-MS. , 2014, , 425-441.		8
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110	In situ study of boron partitioning between calcite and fluid at different crystal growth rates. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 137, 81-92.	1.6	43

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111	Garnet oxygen analysis by SHRIMP-SI: Matrix corrections and application to high-pressure metasomatic rocks from Alpine Corsica. <i>Chemical Geology</i> , 2014, 374-375, 25-36.	1.4	48
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115	NanoSIMS analytical technique and its applications in earth sciences. <i>Science China Earth Sciences</i> , 2015, 58, 1758-1767.	2.3	19
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120	UV-light microscope: improvements in optical imaging for a secondary ion mass spectrometer. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1207-1213.	1.6	7
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127	Deciphering the physical mechanism of the topography effect for oxygen isotope measurements using a Cameca IMS-1280 SIMS. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 950-956.	1.6	95
128	Direct measurements of deglacial monsoon strength in a Chinese stalagmite. <i>Geology</i> , 2015, 43, 555-558.	2.0	56

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130	Oxygen isotopic composition of coarse- and fine-grained material from comet 81P/Wild 2. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 166, 74-91.	1.6	31
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132	Unraveling crustal growth and reworking processes in complex zircons from orogenic lower-crust: The Proterozoic Putumayo Orogen of Amazonia. <i>Precambrian Research</i> , 2015, 267, 285-310.	1.2	66
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