

Ratios of S, Se and Te in the silicate Earth require a vola

Nature

499, 328-331

DOI: [10.1038/nature12285](https://doi.org/10.1038/nature12285)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Sulphur from heaven and hell. <i>Nature</i> , 2013, 501, 175-176.	13.7	8
3	Selenium and tellurium systematics in MORBs from the southern Mid-Atlantic Ridge (47°–50°S). <i>Geochimica Et Cosmochimica Acta</i> , 2014, 144, 379-402.	1.6	47
4	The ratio of tellurium and selenium in geological material as a possible paleo-redox proxy. <i>Chemical Geology</i> , 2014, 376, 44-51.	1.4	33
5	Highly siderophile elements in Earth's mantle as a clock for the Moon-forming impact. <i>Nature</i> , 2014, 508, 84-87.	13.7	191
6	A non-primitive origin of near-chondritic S/Se/Te ratios in mantle peridotites; implications for the Earth's late accretionary history. <i>Earth and Planetary Science Letters</i> , 2014, 385, 110-121.	1.8	48
7	Abundances of Sulfur, Selenium, Tellurium, Rhenium and Platinum Group Elements in Eighteen Reference Materials by Isotope Dilution Sector-Field ICP-MS and Negative TIMS. <i>Geostandards and Geoanalytical Research</i> , 2014, 38, 189-209.	1.7	29
8	Geochemical arguments for an Earth-like Moon-forming impactor. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130244.	1.6	115
9	Metal-silicate partitioning of sulphur, new experimental and thermodynamic constraints on planetary accretion. <i>Earth and Planetary Science Letters</i> , 2014, 391, 42-54.	1.8	113
10	Sulfur isotope budget (³² S, ³³ S, ³⁴ S and ³⁶ S) in Pacific-Antarctic ridge basalts: A record of mantle source heterogeneity and hydrothermal sulfide assimilation. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 133, 47-67.	1.6	95
11	Carbonado: Physical and chemical properties, a critical evaluation of proposed origins, and a revised genetic model. <i>Earth-Science Reviews</i> , 2014, 130, 49-72.	4.0	20
12	Variations in the abundance of iron on Mercury's surface from MESSENGER X-Ray Spectrometer observations. <i>Icarus</i> , 2014, 235, 170-186.	1.1	93
18	Mercury in some arc crustal rocks and mantle peridotites and relevance to the moderately volatile element budget of the Earth. <i>Chemical Geology</i> , 2015, 396, 134-142.	1.4	36
19	Mineralogical control of selenium, tellurium and highly siderophile elements in the Earth's mantle: Evidence from mineral separates of ultra-depleted mantle residues. <i>Chemical Geology</i> , 2015, 396, 16-24.	1.4	21
20	The molecular composition of impact-generated atmospheres on terrestrial planets during the post-accretion stage. <i>Icarus</i> , 2015, 257, 290-301.	1.1	19
21	The effects of melt depletion and metasomatism on highly siderophile and strongly chalcophile elements: S/Se/Te/Re/PGE systematics of peridotite xenoliths from Kilbourne Hole, New Mexico. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 166, 210-233.	1.6	27
22	Platinum partitioning between metal and silicate melts: Core formation, late veneer and the nanonuggets issue. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 162, 183-201.	1.6	34
23	Comment on "A non-primitive origin of near-chondritic S/Se/Te ratios in mantle peridotites: Implications for the Earth's late accretionary history" by König S. et al. [<i>Earth Planet. Sci. Lett.</i> 385 (2014) 110–121]. <i>Earth and Planetary Science Letters</i> , 2015, 417, 164-166.	1.8	7
24	Reply to the comment on "A non-primitive origin of near-chondritic S/Se/Te ratios in mantle peridotites: Implications for the Earth's late accretionary history" by König S. et al. [<i>Earth Planet. Sci. Lett.</i> 385 (2014) 110–121]. <i>Earth and Planetary Science Letters</i> , 2015, 417, 167-169.	1.8	6

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25	Abundances of Ag and Cu in mantle peridotites and the implications for the behavior of chalcophile elements in the mantle. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 160, 209-226.	1.6	45
26	Lunar tungsten isotopic evidence for the late veneer. <i>Nature</i> , 2015, 520, 534-537.	13.7	139
27	Se ⁸² Te fractionation by sulfide-silicate melt partitioning: Implications for the composition of mantle-derived magmas and their melting residues. <i>Earth and Planetary Science Letters</i> , 2015, 422, 45-57.	1.8	69
28	Mass Fractions of S, Cu, Se, Mo, Ag, Cd, In, Te, Ba, Sm, W, Tl and Bi in Geological Reference Materials and Selected Carbonaceous Chondrites Determined by Isotope Dilution ICP-MS. <i>Geostandards and Geoanalytical Research</i> , 2015, 39, 185-208.	1.7	51
29	Fractionation of highly siderophile and chalcogen elements during magma transport in the mantle: Constraints from pyroxenites of the Balmuccia peridotite massif. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 159, 244-263.	1.6	34
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31	The chlorine isotope fingerprint of the lunar magma ocean. <i>Science Advances</i> , 2015, 1, e1500380.	4.7	103
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35	The Twin Sister Planets Venus and Earth. , 2015, , .		13
36	Asteroid bombardment and the core of Theia as possible sources for the Earth's late veneer component. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 2623-2642.	1.0	21
38	Carbon and sulfur budget of the silicate Earth explained by accretion of differentiated planetary embryos. <i>Nature Geoscience</i> , 2016, 9, 781-785.	5.4	75
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40	The importance of sulfur for the behavior of highly-siderophile elements during Earth's differentiation. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 194, 123-138.	1.6	54
41	A low level of dietary selenium has both beneficial and toxic effects and is protective against Cd-toxicity in the least killifish <i>Heterandria formosa</i> . <i>Chemosphere</i> , 2016, 161, 358-364.	4.2	29
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43	A review of the structural architecture of tellurium oxycompounds. <i>Mineralogical Magazine</i> , 2016, 80, 415-545.	0.6	134

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45	Experimentally determined sulfur isotope fractionation between metal and silicate and implications for planetary differentiation. <i>Geochimica Et Cosmochimica Acta</i> , 2016, 175, 181-194.	1.6	39
46	Distribution and Processing of Highly Siderophile Elements in Cratonic Mantle Lithosphere. <i>Reviews in Mineralogy and Geochemistry</i> , 2016, 81, 239-304.	2.2	76
47	Constraints on the early delivery and fractionation of Earth's major volatiles from C/H, C/N, and C/S ratios. <i>American Mineralogist</i> , 2016, 101, 540-553.	0.9	85
48	Highly siderophile element abundances in Eoarchean komatiite and basalt protoliths. <i>Contributions To Mineralogy and Petrology</i> , 2016, 171, 1.	1.2	9
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50	Gold in the mantle: The role of pyroxenites. <i>Lithos</i> , 2016, 244, 205-217.	0.6	14
51	Re-Os Isotopic and Highly Siderophile Element Behavior in Oceanic and Continental Mantle Tectonites. <i>Reviews in Mineralogy and Geochemistry</i> , 2016, 81, 369-440.	2.2	53
52	Selenium Isotopes as a Biogeochemical Proxy in Deep Time. <i>Reviews in Mineralogy and Geochemistry</i> , 2017, 82, 657-682.	2.2	37
53	Ruthenium isotopic evidence for an inner Solar System origin of the late veneer. <i>Nature</i> , 2017, 541, 525-527.	13.7	147
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55	Copper isotope fractionation during partial melting and melt percolation in the upper mantle: Evidence from massif peridotites in Ivrea-Verbano Zone, Italian Alps. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 211, 48-63.	1.6	36
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63	Halogens in chondritic meteorites and terrestrial accretion. <i>Nature</i> , 2017, 551, 614-618.	13.7	58
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65	Nitrogen and carbon fractionation during core-mantle differentiation at shallow depth. <i>Earth and Planetary Science Letters</i> , 2017, 458, 141-151.	1.8	71
66	15 Selenium Isotopes as a Biogeochemical Proxy in Deep Time. , 2017, , 657-682.		0
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81	Tectonic controls on Ni and Cu contents of primary mantle-derived magmas for the formation of magmatic sulfide deposits. <i>American Mineralogist</i> , 2018, 103, 1545-1567.	0.9	37
82	Planetary Interior-Atmosphere Interaction and Habitability. , 2018, , 2937-2958.		1
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85	Gold in the mantle: A global assessment of abundance and redistribution processes. <i>Lithos</i> , 2018, 322, 376-391.	0.6	41
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111	Precise measurement of selenium isotopes by HG-MC-ICPMS using a 76â€Ž double-spike. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 320-330.	1.6	14
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#	ARTICLE	IF	CITATIONS
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