

Susan H Little

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,781
citations

361296

20
h-index

477173

29
g-index

38
all docs

38
docs citations

38
times ranked

1922
citing authors

#	ARTICLE	IF	CITATIONS
1	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	1.4	257
2	The oceanic mass balance of copper and zinc isotopes, investigated by analysis of their inputs, and outputs to ferromanganese oxide sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 125, 673-693.	1.6	244
3	Controls on trace metal authigenic enrichment in reducing sediments: Insights from modern oxygen-deficient settings. <i>Numerische Mathematik</i> , 2015, 315, 77-119.	0.7	175
4	A modern framework for the interpretation of $^{238}\text{U}/^{235}\text{U}$ in studies of ancient ocean redox. <i>Earth and Planetary Science Letters</i> , 2014, 400, 184-194.	1.8	159
5	Key role of continental margin sediments in the oceanic mass balance of Zn and Zn isotopes. <i>Geology</i> , 2016, 44, 207-210.	2.0	115
6	Silicon and zinc biogeochemical cycles coupled through the Southern Ocean. <i>Nature Geoscience</i> , 2017, 10, 202-206.	5.4	100
7	Neodymium in the oceans: a global database, a regional comparison and implications for palaeoceanographic research. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150293.	1.6	85
8	The oceanic budgets of nickel and zinc isotopes: the importance of sulfidic environments as illustrated by the Black Sea. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150294.	1.6	80
9	Molecular controls on Cu and Zn isotopic fractionation in Fe-Mn crusts. <i>Earth and Planetary Science Letters</i> , 2014, 396, 213-222.	1.8	79
10	Copper isotope signatures in modern marine sediments. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 212, 253-273.	1.6	51
11	Cu and Zn isotope fractionation during extreme chemical weathering. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 263, 85-107.	1.6	49
12	A modeling assessment of the role of reversible scavenging in controlling oceanic dissolved Cu and Zn distributions. <i>Global Biogeochemical Cycles</i> , 2013, 27, 780-791.	1.9	44
13	Paired dissolved and particulate phase Cu isotope distributions in the South Atlantic. <i>Chemical Geology</i> , 2018, 502, 29-43.	1.4	44
14	Bioactive Trace Metals and Their Isotopes as Paleoproductivity Proxies: An Assessment Using GEOTRACES Era Data. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006814.	1.9	42
15	A Global Assessment of Copper, Zinc, and Lead Isotopes in Mineral Dust Sources and Aerosols. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	39
16	Replacement Times of a Spectrum of Elements in the North Atlantic Based on Thorium Supply. <i>Global Biogeochemical Cycles</i> , 2018, 32, 1294-1311.	1.9	32
17	Towards balancing the oceanic Ni budget. <i>Earth and Planetary Science Letters</i> , 2020, 547, 116461.	1.8	31
18	On the origin of the marine zinc-silicon correlation. <i>Earth and Planetary Science Letters</i> , 2018, 492, 22-34.	1.8	29

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19	Thallium concentration and thallium isotope composition of lateritic terrains. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 446-462.	1.6	27
20	The geochemical behavior of Cu and its isotopes in the Yangtze River. <i>Science of the Total Environment</i> , 2020, 728, 138428.	3.9	22
21	Isotopic disequilibrium of Cu in marine ferromanganese crusts: Evidence from ab initio predictions of Cu isotope fractionation on sorption to birnessite. <i>Earth and Planetary Science Letters</i> , 2020, 549, 116540.	1.8	17
22	The oceanic cycles of the transition metals and their isotopes. <i>Acta Geochimica</i> , 2017, 36, 359-362.	0.7	11
23	Re-assessing the influence of particle-hosted sulphide precipitation on the marine cadmium cycle. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 274-296.	1.6	11
24	Cold-water corals as archives of seawater Zn and Cu isotopes. <i>Chemical Geology</i> , 2021, 578, 120304.	1.4	10
25	Reply to comment on "Molecular controls on Cu and Zn isotopic fractionation in Fe-Mn crusts". <i>Earth and Planetary Science Letters</i> , 2015, 411, 313-315.	1.8	8
26	Evaluation of Optimized Procedures for High-Precision Lead Isotope Analyses of Seawater by Multiple Collector Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 11232-11241.	3.2	8
27	Temporal distribution and diversity of cold-water corals in the southwest Indian Ocean over the past 25,000 years. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 149, 103049.	0.6	5
28	Isotopically Light Cd in Sediments Underlying Oxygen Deficient Zones. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3
29	The History, Relevance, and Applications of the Periodic System in Geochemistry. <i>Structure and Bonding</i> , 2019, , 111.	1.0	0