

Tim M Conway

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,493
citations

236925

25
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345221

36
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39
all docs

39
docs citations

39
times ranked

2383
citing authors

#	ARTICLE	IF	CITATIONS
1	Re-assessing the influence of particle-hosted sulphide precipitation on the marine cadmium cycle. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 322, 274-296.	3.9	11
2	Iron colloids dominate sedimentary supply to the ocean interior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	44
3	Bioactive Trace Metals and Their Isotopes as Paleoproductivity Proxies: An Assessment Using GEOTRACESâ€Era Data. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006814.	4.9	42
4	The 79Â°N Glacier cavity modulates subglacial iron export to the NE Greenland Shelf. <i>Nature Communications</i> , 2021, 12, 3030.	12.8	17
5	Isotopic fingerprinting of biogeochemical processes and iron sources in the iron-limited surface Southern Ocean. <i>Earth and Planetary Science Letters</i> , 2021, 567, 116967.	4.4	22
6	Lack of redox cycling for nickel in the water column of the Eastern tropical north pacific oxygen deficient zone: Insight from dissolved and particulate nickel isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 309, 235-250.	3.9	8
7	A decade of progress in understanding cycles of trace elements and their isotopes in the oceans. <i>Chemical Geology</i> , 2021, 580, 120381.	3.3	13
8	Cycling of zinc and its isotopes across multiple zones of the Southern Ocean: Insights from the Antarctic Circumnavigation Expedition. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 310-324.	3.9	35
9	Trace metal and nutrient dynamics across broad biogeochemical gradients in the Indian and Pacific sectors of the Southern Ocean. <i>Marine Chemistry</i> , 2020, 221, 103773.	2.3	28
10	Physical and biogeochemical controls on the distribution of dissolved cadmium and its isotopes in the Southwest Pacific Ocean. <i>Chemical Geology</i> , 2019, 511, 494-509.	3.3	49
11	High-resolution Cd isotope systematics in multiple zones of the Southern Ocean from the Antarctic Circumnavigation Expedition. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115799.	4.4	21
12	Tracing and constraining anthropogenic aerosol iron fluxes to the North Atlantic Ocean using iron isotopes. <i>Nature Communications</i> , 2019, 10, 2628.	12.8	71
13	Microbial Fe(III) reduction as a potential iron source from Holocene sediments beneath Larsen Ice Shelf. <i>Nature Communications</i> , 2019, 10, 5786.	12.8	11
14	The GEOTRACES Intermediate Data Product 2017. <i>Chemical Geology</i> , 2018, 493, 210-223.	3.3	257
15	Gulf Stream rings as a source of iron to the North Atlantic subtropical gyre. <i>Nature Geoscience</i> , 2018, 11, 594-598.	12.9	28
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.	4.9	32
17	Inter-calibration of a proposed new primary reference standard AA-ETH Zn for zinc isotopic analysis. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 415-419.	3.0	86
18	The acceleration of dissolved cobalt's ecological stoichiometry due to biological uptake, remineralization, and scavenging in the Atlantic Ocean. <i>Biogeosciences</i> , 2017, 14, 4637-4662.	3.3	30

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19	Quantifying trace element and isotope fluxes at the ocean-sediment boundary: a review. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20160246.	3.4	69
20	Intercomparison of dissolved iron isotope profiles from reoccupation of three GEOTRACES stations in the Atlantic Ocean. <i>Marine Chemistry</i> , 2016, 183, 50-61.	2.3	25
21	Dissolved iron and iron isotopes in the southeastern Pacific Ocean. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1372-1395.	4.9	41
22	The Growth Response of Two Diatom Species to Atmospheric Dust from the Last Glacial Maximum. <i>PLoS ONE</i> , 2016, 11, e0158553.	2.5	6
23	The cycling of iron, zinc and cadmium in the North East Pacific Ocean – Insights from stable isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 164, 262-283.	3.9	136
24	Intercomparison of dissolved trace elements at the Bermuda Atlantic Time Series station. <i>Marine Chemistry</i> , 2015, 177, 476-489.	2.3	58
25	Partitioning of dissolved iron and iron isotopes into soluble and colloidal phases along the GA03 GEOTRACES North Atlantic Transect. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 130-151.	1.4	95
26	Biogeochemical cycling of cadmium isotopes along a high-resolution section through the North Atlantic Ocean. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 148, 269-283.	3.9	106
27	The isotopic signature and distribution of particulate iron in the North Atlantic Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 116, 321-331.	1.4	28
28	Constraints on soluble aerosol iron flux to the Southern Ocean at the Last Glacial Maximum. <i>Nature Communications</i> , 2015, 6, 7850.	12.8	43
29	A role for scavenging in the marine biogeochemical cycling of zinc and zinc isotopes. <i>Earth and Planetary Science Letters</i> , 2014, 394, 159-167.	4.4	160
30	Undocumented water column sink for cadmium in open ocean oxygen-deficient zones. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6888-6893.	7.1	115
31	Quantification of dissolved iron sources to the North Atlantic Ocean. <i>Nature</i> , 2014, 511, 212-215.	27.8	287
32	The biogeochemical cycling of zinc and zinc isotopes in the North Atlantic Ocean. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1111-1128.	4.9	133
33	A new method for precise determination of iron, zinc and cadmium stable isotope ratios in seawater by double-spike mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 793, 44-52.	5.4	154
34	Distinct iron isotopic signatures and supply from marine sediment dissolution. <i>Nature Communications</i> , 2013, 4, 2143.	12.8	97
35	Description and ecology of a new Middle Ordovician (Llanvirn) odontopleurid trilobite from the Builth Inlier of Mid-Wales, with a review of the genus <i>Meadowtownella</i> . <i>Geological Magazine</i> , 2012, 149, 397-411.	1.5	7