Daniel C Ohnemus

List of Publications by Year
in descending order

35	2,163	304602	345118
papers	citations	22 h-index	36 g-index

38	38	38	2670
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dissolved and Particulate Barium Distributions Along the US GEOTRACES North Atlantic and East Pacific Zonal Transects (GA03 and GP16): Global Implications for the Marine Barium Cycle. Global Biogeochemical Cycles, 2022, 36, .	1.9	8
2	Trace metal contents of autotrophic flagellates from contrasting openâ€ocean ecosystems. Limnology and Oceanography Letters, 2022, 7, 354-362.	1.6	6
3	Release from biogenic particles, benthic fluxes, and deep water circulation control Cr and Î´53Cr distributions in the ocean interior. Earth and Planetary Science Letters, 2021, 574, 117163.	1.8	13
4	Taxonomic and nutrient controls on phytoplankton iron quotas in the ocean. Limnology and Oceanography Letters, 2021, 6, 96-106.	1.6	22
5	Perspective on identifying and characterizing the processes controlling iron speciation and residence time at the atmosphere-ocean interface. Marine Chemistry, 2019, 217, 103704.	0.9	41
6	The interplay between regeneration and scavenging fluxes drives ocean iron cycling. Nature Communications, 2019, 10, 4960.	5.8	41
7	Exposing the Distributions and Elemental Associations of Scavenged Particulate Phases in the Ocean Using Basinâ€Scale Multiâ€Element Data Sets. Global Biogeochemical Cycles, 2019, 33, 725-748.	1.9	19
8	Near-field iron and carbon chemistry of non-buoyant hydrothermal plume particles, Southern East Pacific Rise 15Â°S. Marine Chemistry, 2018, 201, 183-197.	0.9	27
9	Optical observation of particles and responses to particle composition in the GEOTRACES GP16 section. Marine Chemistry, 2018, 201, 124-136.	0.9	11
10	Cobalt scavenging in the mesopelagic ocean and its influence on global mass balance: Synthesizing water column and sedimentary fluxes. Marine Chemistry, 2018, 201, 151-166.	0.9	40
11	Flux of Particulate Elements in the North Atlantic Ocean Constrained by Multiple Radionuclides. Global Biogeochemical Cycles, 2018, 32, 1738-1758.	1.9	39
12	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	1.4	257
13	Global Spatial and Temporal Variation of Cd:P in Euphotic Zone Particulates. Global Biogeochemical Cycles, 2018, 32, 1123-1141.	1.9	18
14	The chemical form of silicon in marine Synechococcus. Marine Chemistry, 2018, 206, 44-51.	0.9	14
15	Elevated trace metal content of prokaryotic communities associated with marine oxygen deficient zones. Limnology and Oceanography, 2017, 62, 3-25.	1.6	74
16	Mesoscale variability of the summer bloom over the northern Ross Sea shelf: A tale of two banks. Journal of Marine Systems, 2017, 166, 50-60.	0.9	9
17	The relative roles of modified circumpolar deep water and benthic sources in supplying iron to the recurrent phytoplankton blooms above Pennell and Mawson Banks, Ross Sea, Antarctica. Journal of Marine Systems, 2017, 166, 61-72.	0.9	18
18	Picoplankton contribution to biogenic silica stocks and production rates in the Sargasso Sea. Global Biogeochemical Cycles, 2017, 31, 762-774.	1.9	27

#	Article	IF	Citations
19	The acceleration of dissolved cobalt's ecological stoichiometry due to biological uptake, remineralization, and scavenging in the Atlantic Ocean. Biogeosciences, 2017, 14, 4637-4662.	1.3	30
20	Coastal sources, sinks and strong organic complexation of dissolved cobalt within the US North Atlantic GEOTRACES transect GA03. Biogeosciences, 2017, 14, 2715-2739.	1.3	53
21	Patterns and regulation of silicon accumulation in Synechococcus spp.. Journal of Phycology, 2017, 53, 746-761.	1.0	26
22	A dissolved cobalt plume in the oxygen minimum zone of the eastern tropical South Pacific. Biogeosciences, 2016, 13, 5697-5717.	1.3	52
23	Silicon content of individual cells of Synechococcus from the North Atlantic Ocean. Marine Chemistry, 2016, 187, 16-24.	0.9	24
24	How well can we quantify dust deposition to the ocean?. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2016, 374, 20150285.	1.6	66
25	Cycling of lithogenic marine particles in the US GEOTRACES North Atlantic transect. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 283-302.	0.6	125
26	Dynamic variability of dissolved Pb and Pb isotope composition from the U.S. North Atlantic GEOTRACES transect. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 208-225.	0.6	58
27	Intensity of Th and Pa scavenging partitioned by particle chemistry in the North Atlantic Ocean. Marine Chemistry, 2015, 170, 49-60.	0.9	83
28	Comparison of particulate trace element concentrations in the North Atlantic Ocean as determined with discrete bottle sampling and in situ pumping. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 273-282.	0.6	29
29	Size-fractionated major particle composition and concentrations from the US GEOTRACES North Atlantic Zonal Transect. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 303-320.	0.6	122
30	The isotopic signature and distribution of particulate iron in the North Atlantic Ocean. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 116, 321-331.	0.6	28
31	A global ocean inventory of anthropogenic mercury based on water column measurements. Nature, 2014, 512, 65-68.	13.7	404
32	Laboratory intercomparison of marine particulate digestions including Piranha: a novel chemical method for dissolution of polyethersulfone filters. Limnology and Oceanography: Methods, 2014, 12, 530-547.	1.0	58
33	Basinâ€scale inputs of cobalt, iron, and manganese from the Benguelaâ€Angola front to the South Atlantic Ocean. Limnology and Oceanography, 2012, 57, 989-1010.	1.6	134
34	The speciation of marine particulate iron adjacent to active and passive continental margins. Geochimica Et Cosmochimica Acta, 2012, 80, 108-124.	1.6	54
35	Chapter 15 Instrumentation for Fluorescenceâ€Based Fiber Optic Biosensors. Methods in Enzymology, 2008, 450, 311-337.	0.4	2