David J Janssen

List of Publications by Year in descending order

18 papers	766 citations	759233 12 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	1116 citing authors

#	Article	IF	Citations
1	The GEOTRACES Intermediate Data Product 2017. Chemical Geology, 2018, 493, 210-223.	3.3	257
2	Undocumented water column sink for cadmium in open ocean oxygen-deficient zones. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6888-6893.	7.1	115
3	Determination of Mn, Fe, Ni, Cu, Zn, Cd and Pb in seawater using offline extraction and triple quadrupole ICP-MS/MS. Journal of Analytical Atomic Spectrometry, 2018, 33, 304-313.	3.0	46
4	Decoupling of zinc and silicic acid in the subarctic northeast Pacific interior. Marine Chemistry, 2015, 177, 124-133.	2.3	45
5	Bioactive Trace Metals and Their Isotopes as Paleoproductivity Proxies: An Assessment Using GEOTRACESâ€Era Data. Global Biogeochemical Cycles, 2021, 35, e2020GB006814.	4.9	42
6	Chromium biogeochemistry and stable isotope distribution in the Southern Ocean. Geochimica Et Cosmochimica Acta, 2019, 262, 188-206.	3.9	40
7	Biological Control of Chromium Redox and Stable Isotope Composition in the Surface Ocean. Global Biogeochemical Cycles, 2020, 34, e2019GB006397.	4.9	37
8	A call for refining the role of humic-like substances in the oceanic iron cycle. Scientific Reports, 2020, 10, 6144.	3.3	37
9	Fine-scale spatial and interannual cadmium isotope variability in the subarctic northeast Pacific. Earth and Planetary Science Letters, 2017, 472, 241-252.	4.4	32
10	Chromium reduction and associated stable isotope fractionation restricted to anoxic shelf waters in the Peruvian Oxygen Minimum Zone. Geochimica Et Cosmochimica Acta, 2020, 285, 207-224.	3.9	28
11	Trace metal and nutrient dynamics across broad biogeochemical gradients in the Indian and Pacific sectors of the Southern Ocean. Marine Chemistry, 2020, 221, 103773.	2.3	28
12	Particulate cadmium stable isotopes in the subarctic northeast Pacific reveal dynamic Cd cycling and a new isotopically light Cd sink. Earth and Planetary Science Letters, 2019, 515, 67-78.	4.4	25
13	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.	4.4	13
14	Perspectives on Chemical Oceanography in the 21st century: Participants of the COME ABOARD Meeting examine aspects of the field in the context of 40 years of DISCO. Marine Chemistry, 2017, 196, 181-190.	2.3	7
15	Modeling the marine chromium cycle: new constraints on global-scale processes. Biogeosciences, 2021, 18, 5447-5463.	3.3	6
16	In Situ Biostimulation of Cr(VI) Reduction in a Fast-Flowing Oxic Aquifer. ACS Earth and Space Chemistry, 2020, 4, 2018-2030.	2.7	2
17	Evidence for the production of copper-complexing ligands by marine phytoplankton in the subarctic northeast Pacific. Marine Chemistry, 2021, 237, 104034.	2.3	2
18	Relationship between surface dissolved iron inventories and net community production during a marine heatwave in the subarctic northeast Pacific. Environmental Sciences: Processes and Impacts, 2022, , .	3.5	1