Chris Somes

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8442920/publications.pdf

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28	1,184	471509	501196
papers	citations	17 h-index	28 g-index

43	43	43	1726
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review of nitrogen isotopic alteration in marine sediments. Paleoceanography, 2012, 27, .	3.0	240
2	Simulating the global distribution of nitrogen isotopes in the ocean. Global Biogeochemical Cycles, 2010, 24, .	4.9	186
3	Trophic niche of squids: Insights from isotopic data in marine systems worldwide. Deep-Sea Research Part II: Topical Studies in Oceanography, 2013, 95, 93-102.	1.4	89
4	The acceleration of oceanic denitrification during deglacial warming. Nature Geoscience, 2013, 6, 579-584.	12.9	84
5	Complementary constraints from carbon (¹³C) and nitrogen (¹⁵N) isotopes on the glacial ocean's softâ€tissue biological pump. Paleoceanography, 2016, 31, 669-693.	3.0	67
6	Isotopic constraints on the pre-industrial oceanic nitrogen budget. Biogeosciences, 2013, 10, 5889-5910.	3.3	57
7	A global metaâ€analysis of marine predator nitrogen stable isotopes: Relationships between trophic structure and environmental conditions. Global Ecology and Biogeography, 2018, 27, 1043-1055.	5.8	50
8	Trends in tuna carbon isotopes suggest global changes in pelagic phytoplankton communities. Global Change Biology, 2020, 26, 458-470.	9.5	47
9	Oceanic nitrogen cycling and N₂O flux perturbations in the Anthropocene. Global Biogeochemical Cycles, 2017, 31, 1236-1255.	4.9	36
10	On the influence of â€œnonâ€Redfieldâ€•dissolved organic nutrient dynamics on the spatial distribution of N₂ fixation and the size of the marine fixed nitrogen inventory. Global Biogeochemical Cycles, 2015, 29, 973-993.	4.9	33
11	Limited impact of atmospheric nitrogen deposition on marine productivity due to biogeochemical feedbacks in a global ocean model. Geophysical Research Letters, 2016, 43, 4500-4509.	4.0	33
12	Nitrogen isotope simulations show the importance of atmospheric iron deposition for nitrogen fixation across the Pacific Ocean. Geophysical Research Letters, 2010, 37, .	4.0	29
13	A Three-Dimensional Model of the Marine Nitrogen Cycle during the Last Glacial Maximum Constrained by Sedimentary Isotopes. Frontiers in Marine Science, 2017, 4, .	2.5	29
14	Setting the stage for a global-scale trophic analysis of marine top predators: a multi-workshop review. Reviews in Fish Biology and Fisheries, 2015, 25, 261-272.	4.9	25
15	Combined Effects of Atmospheric and Seafloor Iron Fluxes to the Glacial Ocean. Paleoceanography, 2017, 32, 1204-1218.	3.0	21
16	Global patterns and inferences of tuna movements and trophodynamics from stable isotope analysis. Deep-Sea Research Part II: Topical Studies in Oceanography, 2020, 175, 104775.	1.4	19
17	Stable mercury concentrations of tropical tuna in the south western Pacific ocean: An 18-year monitoring study. Chemosphere, 2021, 263, 128024.	8.2	19
18	Isoscape Models of the Southern Ocean: Predicting Spatial and Temporal Variability in Carbon and Nitrogen Isotope Compositions of Particulate Organic Matter. Global Biogeochemical Cycles, 2021, 35, e2020GB006901.	4.9	19

#	Article	IF	Citations
19	Coupling of oceanic carbon and nitrogen facilitates spatially resolved quantitative reconstruction of nitrate inventories. Nature Communications, 2018, 9, 1217.	12.8	18
20	Extensive hydrogen supersaturations in the western South Atlantic Ocean suggest substantial underestimation of nitrogen fixation. Journal of Geophysical Research: Oceans, 2014, 119, 4340-4350.	2.6	14
21	Constraining Global Marine Iron Sources and Ligandâ€Mediated Scavenging Fluxes With GEOTRACES Dissolved Iron Measurements in an Ocean Biogeochemical Model. Global Biogeochemical Cycles, 2021, 35, e2021GB006948.	4.9	14
22	Can Top-Down Controls Expand the Ecological Niche of Marine N2 Fixers?. Frontiers in Microbiology, 2021, 12, 690200.	3.5	11
23	Description of a global marine particulate organic carbon-13 isotope data set. Earth System Science Data, 2021, 13, 4861-4880.	9.9	9
24	Biogeochemical feedbacks may amplify ongoing and future ocean deoxygenation: a case study from the Peruvian oxygen minimum zone. Biogeochemistry, 2022, 159, 45-67.	3.5	8
25	Assessment of C, N, and Si Isotopes as Tracers of Past Ocean Nutrient and Carbon Cycling. Global Biogeochemical Cycles, 2021, 35, e2020GB006775.	4.9	7
26	Spatial variation in stable isotopes and fatty acid trophic markers in albacore tuna (Thunnus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T 2020, 161, 103286.	1.4	4
27	Explicit silicate cycling in the Kiel Marine Biogeochemistry Model version 3 (KMBM3) embedded in the UVic ESCM version 2.9. Geoscientific Model Development, 2021, 14, 7255-7285.	3.6	4
28	Global data set for nitrogen and carbon stable isotopes of tunas. Ecology, 2021, 102, e03265.	3.2	2