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	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
2	Global data set for nitrogen and carbon stable isotopes of tunas. Ecology, 2021, 102, e03265.	3.2	2
3	Stable mercury concentrations of tropical tuna in the south western Pacific ocean: An 18-year monitoring study. Chemosphere, 2021, 263, 128024.	8.2	19
4	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
5	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
6	Can Top-Down Controls Expand the Ecological Niche of Marine N2 Fixers?. Frontiers in Microbiology, 2021, 12, 690200.	3.5	11
7	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
8	Description of a global marine particulate organic carbon-13 isotope data set. Earth System Science Data, 2021, 13, 4861-4880.	9.9	9
9	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
10	Trends in tuna carbon isotopes suggest global changes in pelagic phytoplankton communities. Global Change Biology, 2020, 26, 458-470.	9.5	47
11	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
12	Spatial variation in stable isotopes and fatty acid trophic markers in albacore tuna (Thunnus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 2020, 161, 103286.	1.4	4
13	Coupling of oceanic carbon and nitrogen facilitates spatially resolved quantitative reconstruction of nitrate inventories. Nature Communications, 2018, 9, 1217.	12.8	18
14	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
15	Combined Effects of Atmospheric and Seafloor Iron Fluxes to the Glacial Ocean. Paleoceanography, 2017, 32, 1204-1218.	3.0	21
16	Oceanic nitrogen cycling and N₂O flux perturbations in the Anthropocene. Global Biogeochemical Cycles, 2017, 31, 1236-1255.	4.9	36
17	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
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	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
24	The acceleration of oceanic denitrification during deglacial warming. Nature Geoscience, 2013, 6, 579-584.	12.9	84
25	Isotopic constraints on the pre-industrial oceanic nitrogen budget. Biogeosciences, 2013, 10, 5889-5910.	3.3	57
26	A review of nitrogen isotopic alteration in marine sediments. Paleoceanography, 2012, 27, .	3.0	240
27	Simulating the global distribution of nitrogen isotopes in the ocean. Global Biogeochemical Cycles, 2010, 24, .	4.9	186
28	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