Maria G Prokopenko

List of Publications by Year
in descending order

22	952	567281 15	677142 22
papers	citations	h-index	g-index

23	23	23	1634
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid shifts in circulation and biogeochemistry of the Southern Ocean during deglacial carbon cycle events. Science Advances, 2020, 6, .	10.3	20
2	Net Community Production in a Productive Coastal Ocean From an Autonomous Buoyancyâ€Ðriven Glider. Journal of Geophysical Research: Oceans, 2019, 124, 4188-4207.	2.6	3
3	Dissolved Organic Nitrogen Production and Consumption in Eastern Tropical South Pacific Surface Waters. Global Biogeochemical Cycles, 2018, 32, 769-783.	4.9	18
4	Deep-sea coral evidence for lower Southern Ocean surface nitrate concentrations during the last ice age. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 3352-3357.	7.1	57
5	Early Cambrian oxygen minimum zone-like conditions at Chengjiang. Earth and Planetary Science Letters, 2017, 475, 160-168.	4.4	57
6	Annual cyclicity in export efficiency in the inner Southern California Bight. Global Biogeochemical Cycles, 2017, 31, 357-376.	4.9	19
7	An organic carbon budget for coastal Southern California determined by estimates of vertical nutrient flux, net community production and export. Deep-Sea Research Part I: Oceanographic Research Papers, 2016, 116, 49-76.	1.4	15
8	Estimates of vertical turbulent mixing used to determine a vertical gradient in net and gross oxygen production in the oligotrophic South Pacific Gyre. Geophysical Research Letters, 2016, 43, 7590-7599.	4.0	15
9	Low rates of nitrogen fixation in eastern tropical South Pacific surface waters. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4398-4403.	7.1	91
10	Upper-ocean gas dynamics from radon profiles in the Eastern Tropical South Pacific. Deep-Sea Research Part I: Oceanographic Research Papers, 2015, 99, 35-45.	1.4	5
11	Particulate Î´¹⁵N in laminated marine sediments as a proxy for mixing between the California Undercurrent and the California Current: A proof of concept. Geophysical Research Letters, 2015, 42, 419-427.	4.0	14
12	A dual-tracer approach to estimate upwelling velocity in coastal Southern California. Earth and Planetary Science Letters, 2015, 422, 138-149.	4.4	8
13	Upwelling velocity and eddy diffusivity from 7Be measurements used to compare vertical nutrient flux to export POC flux in the Eastern Tropical South Pacific. Marine Chemistry, 2015, 168, 140-150.	2.3	47
14	Isotopic composition of carbonate-bound organic nitrogen in deep-sea scleractinian corals: A new window into past biogeochemical change. Earth and Planetary Science Letters, 2014, 400, 243-250.	4.4	34
15	Elevated 15N/14N in particulate organic matter, zooplankton, and diatom frustule-bound nitrogen in the ice-covered water column of the Bering Sea eastern shelf. Deep-Sea Research Part II: Topical Studies in Oceanography, 2014, 109, 100-111.	1.4	33
16	Nitrous oxide cycling in the water column and sediments of the oxygen minimum zone, eastern subtropical North Pacific, Southern California, and Northern Mexico (23Â°N-34Â°N). Journal of Geophysical Research: Oceans, 2014, 119, 3158-3170.	2.6	16
17	Nitrogen losses in anoxic marine sediments driven by Thioplocaâ€“anammox bacterial consortia. Nature, 2013, 500, 194-198.	27.8	96
18	The proportion of remineralized nitrate on the iceâ€covered eastern Bering Sea shelf evidenced from the oxygen isotope ratio of nitrate. Global Biogeochemical Cycles, 2013, 27, 962-971.	4.9	30

#	Article	IF	Citations
19	Multiple B-vitamin depletion in large areas of the coastal ocean. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14041-14045.	7.1	188
20	Nitrogen isotopic composition of planktonic foraminifera from the modern ocean and recent sediments. Limnology and Oceanography, 2012, 57, 1011-1024.	3.1	63
21	Exact evaluation of gross photosynthetic production from the oxygen triple-isotope composition of O₂: Implications for the net-to-gross primary production ratios. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	53
22	A method for nitrite removal in nitrate N and O isotope analyses. Limnology and Oceanography: Methods, 2006, 4, 205-212.	2.0	70