

# Maria G Prokopenko

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

952  
citations

567281

15  
h-index

677142

22  
g-index

23  
all docs

23  
docs citations

23  
times ranked

1634  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Nitrogen losses in anoxic marine sediments driven by Thioploca "anammox bacterial consortia. Nature, 2013, 500, 194-198.	27.8	96
3	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
4	A method for nitrite removal in nitrate N and O isotope analyses. Limnology and Oceanography: Methods, 2006, 4, 205-212.	2.0	70
5	Nitrogen isotopic composition of planktonic foraminifera from the modern ocean and recent sediments. Limnology and Oceanography, 2012, 57, 1011-1024.	3.1	63
6	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
7	Early Cambrian oxygen minimum zone-like conditions at Chengjiang. Earth and Planetary Science Letters, 2017, 475, 160-168.	4.4	57
8	Exact evaluation of gross photosynthetic production from the oxygen triple-isotope composition of $O_2$ : Implications for the net-to-gross primary production ratios. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	53
9	Upwelling velocity and eddy diffusivity from $^{7}Be$ 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
10	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
11	Elevated $^{15}N/^{14}N$ 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
12	The proportion of remineralized nitrate on the ice-covered eastern Bering Sea shelf evidenced from the oxygen isotope ratio of nitrate. Global Biogeochemical Cycles, 2013, 27, 962-971.	4.9	30
13	Rapid shifts in circulation and biogeochemistry of the Southern Ocean during deglacial carbon cycle events. Science Advances, 2020, 6, .	10.3	20
14	Annual cyclicity in export efficiency in the inner Southern California Bight. Global Biogeochemical Cycles, 2017, 31, 357-376.	4.9	19
15	Dissolved Organic Nitrogen Production and Consumption in Eastern Tropical South Pacific Surface Waters. Global Biogeochemical Cycles, 2018, 32, 769-783.	4.9	18
16	Nitrous oxide cycling in the water column and sediments of the oxygen minimum zone, eastern subtropical North Pacific, Southern California, and Northern Mexico ( $23^{\circ}N-34^{\circ}N$ ). Journal of Geophysical Research: Oceans, 2014, 119, 3158-3170.	2.6	16
17	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
18	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

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19	Particulate $\hat{1}^{<sup>15</sup>N}$ in laminated marine sediments as a proxy for mixing between the California Undercurrent and the California Current: A proof of concept. <i>Geophysical Research Letters</i> , 2015, 42, 419-427.	4.0	14
20	A dual-tracer approach to estimate upwelling velocity in coastal Southern California. <i>Earth and Planetary Science Letters</i> , 2015, 422, 138-149.	4.4	8
21	Upper-ocean gas dynamics from radon profiles in the Eastern Tropical South Pacific. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 99, 35-45.	1.4	5
22	Net Community Production in a Productive Coastal Ocean From an Autonomous Buoyancy-Driven Glider. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4188-4207.	2.6	3