Laura A Bristow

List of Publications by Year
in descending order

29 papers	1,565 citations	430754 18 h-index	477173 29 g-index
30 all docs	30 docs citations	30 times ranked	1886 citing authors

#	Article	IF	Citations
1	Sulfateâ€•and ironâ€•dependent anaerobic methane oxidation occurring sideâ€•byâ€•side in freshwater lake sediment. Limnology and Oceanography, 2022, 67, 231-246.	1.6	11
2	Oxygen and nitrogen production by an ammonia-oxidizing archaeon. Science, 2022, 375, 97-100.	6.0	91
3	Aerobic and anaerobic methane oxidation in a seasonally anoxic basin. Limnology and Oceanography, 2022, 67, 1257-1273.	1.6	8
4	Anaerobic methane oxidation in a coastal oxygen minimum zone: spatial and temporal dynamics. Environmental Microbiology, 2022, 24, 2361-2379.	1.8	5
5	Sulfide alters microbial functional potential in a methane and nitrogen cycling biofilm reactor. Environmental Microbiology, 2021, 23, 1481-1495.	1.8	15
6	Protocols for Assessing Transformation Rates of Nitrous Oxide in the Water Column. Frontiers in Marine Science, 2021, 8, .	1.2	9
7	Sulfur cycling in oceanic oxygen minimum zones. Limnology and Oceanography, 2021, 66, 2360-2392.	1.6	34
8	Small sinking particles control anammox rates in the Peruvian oxygen minimum zone. Nature Communications, 2021, 12, 3235.	5.8	33
9	Single cell analyses reveal contrasting life strategies of the two main nitrifiers in the ocean. Nature Communications, 2020, 11, 767.	5.8	67
10	Anaerobic methane oxidation is an important sink for methane in the ocean's largest oxygen minimum zone. Limnology and Oceanography, 2019, 64, 2569-2585.	1.6	46
11	Cyanate and urea are substrates for nitrification by Thaumarchaeota in the marine environment. Nature Microbiology, 2019, 4, 234-243.	5.9	103
12	The activity of nitrifying microorganisms in a high-altitude Andean wetland. FEMS Microbiology Ecology, 2018, 94, .	1.3	15
13	Anoxia in the snow. Nature Geoscience, 2018, 11, 226-227.	5.4	8
14	Single cell genomic and transcriptomic evidence for the use of alternative nitrogen substrates by anammox bacteria. ISME Journal, 2018, 12, 2706-2722.	4.4	45
15	Nutrients that limit growth in the ocean. Current Biology, 2017, 27, R474-R478.	1.8	136
16	Assimilation and nitrification in pelagic waters: insights using dual nitrate stable isotopes (Î´15N, Î´18O) in a shallow lake. Biogeochemistry, 2017, 135, 221-237.	1.7	13
17	Metagenomic Binning Recovers a Transcriptionally Active Gammaproteobacterium Linking Methanotrophy to Partial Denitrification in an Anoxic Oxygen Minimum Zone. Frontiers in Marine Science, 2017, 4, .	1.2	44
18	Enhanced Nitrogen Loss by Eddy-Induced Vertical Transport in the Offshore Peruvian Oxygen Minimum Zone. PLoS ONE, 2017, 12, e0170059.	1.1	20

#	Article	IF	Citations
19	Intracellular Nitrate of Marine Diatoms as a Driver of Anaerobic Nitrogen Cycling in Sinking Aggregates. Frontiers in Microbiology, 2016, 7, 1669.	1.5	28
20	Ammonium and nitrite oxidation at nanomolar oxygen concentrations in oxygen minimum zone waters. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10601-10606.	3.3	195
21	SAR11 bacteria linked to ocean anoxia and nitrogen loss. Nature, 2016, 536, 179-183.	13.7	160
22	NC10 bacteria in marine oxygen minimum zones. ISME Journal, 2016, 10, 2067-2071.	4.4	112
23	Biogeochemical and metagenomic analysis of nitrite accumulation in the <scp>G</scp>ulf of <scp>M</scp>exico hypoxic zone. Limnology and Oceanography, 2015, 60, 1733-1750.	1.6	72
24	Big Data on Important Issues: Assessing the Needs of Student and Early Career Aquatic Scientists. Limnology and Oceanography Bulletin, 2015, 24, 77-79.	0.2	1
25	Size-fraction partitioning of community gene transcription and nitrogen metabolism in a marine oxygen minimum zone. ISME Journal, 2015, 9, 2682-2696.	4.4	169
26	The isotope effect of denitrification in permeable sediments. Geochimica Et Cosmochimica Acta, 2014, 133, 156-167.	1.6	29
27	A continuous flow isotope ratio mass spectrometry method for high precision determination of dissolved gas ratios and isotopic composition. Limnology and Oceanography: Methods, 2014, 12, 323-337.	1.0	16
28	Tracing estuarine organic matter sources into the southern North Sea using C and N isotopic signatures. Biogeochemistry, 2013, 113, 9-22.	1.7	35
29	The influence of light on nitrogen cycling and the primary nitrite maximum in a seasonally stratified sea. Progress in Oceanography, 2011, 91, 545-560.	1.5	42