Gregory Britten

List of Publications by Year
in descending order

28 papers	3,270 citations	516561 16 h-index	477173 29 g-index
34 all docs	34 docs citations	34 times ranked	6547 citing authors

#	Article	IF	Citations
1	A Bayesian approach to modeling phytoplankton population dynamics from size distribution time series. PLoS Computational Biology, 2022, 18, e1009733.	1.5	2
2	Chlorophyll-a and Sea Surface Temperature Changes in Relation to Paralytic Shellfish Toxin Production off the East Coast of Tasmania, Australia. Remote Sensing, 2022, 14, 665.	1.8	3
3	Marine phytoplankton resilience may moderate oligotrophic ecosystem responses and biogeochemical feedbacks to climate change. Limnology and Oceanography, 2022, 67, .	1.6	15
4	Extreme value distributions describe interannual variability in the seasonal North Atlantic phytoplankton bloom. Limnology and Oceanography Letters, 2022, 7, 269-276.	1.6	3
5	Seasonal Photoacclimation in the North Pacific Transition Zone. Global Biogeochemical Cycles, 2022, 36, .	1.9	1
6	Reconciling the Sizeâ€Ðependence of Marine Particle Sinking Speed. Geophysical Research Letters, 2021, 48, e2020GL091771.	1.5	28
7	Evaluating the Benefits of Bayesian Hierarchical Methods for Analyzing Heterogeneous Environmental Datasets: A Case Study of Marine Organic Carbon Fluxes. Frontiers in Environmental Science, 2021, 9, .	1.5	10
8	Social relationship dynamics mediate climate impacts on income inequality: evidence from the Mexican Humboldt squid fishery. Regional Environmental Change, 2021, 21, 35.	1.4	4
9	Recovery of assessed global fish stocks remains uncertain. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
10	Next-generation ensemble projections reveal higher climate risks for marine ecosystems. Nature Climate Change, 2021, 11, 973-981.	8.1	96
11	Enhanced fish production during a period of extreme global warmth. Nature Communications, 2020, 11, 5636.	5.8	12
12	Anthropogenic Impacts on Atmospheric Carbonyl Sulfide Since the 19th Century Inferred From Polar Firn Air and Ice Core Measurements. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033074.	1.2	10
13	Evaluating the relationships between the legal and illegal international wildlife trades. Conservation Letters, 2020, 13, e12724.	2.8	23
14	Rebuilding marine life. Nature, 2020, 580, 39-51.	13.7	560
15	Rebuilding global fisheries under uncertainty. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15985-15990.	3.3	35
16	Global forage fish recruitment dynamics: A comparison of methods, time-variation, and reverse causality. Fisheries Research, 2019, 214, 56-64.	0.9	35
17	Sustained climate warming drives declining marine biological productivity. Science, 2018, 359, 1139-1143.	6.0	276
18	Unveiling the patterns and trends in 40â€¯years of global trade in CITES-listed wildlife. Biological Conservation, 2018, 223, 47-57.	1.9	105

#	Article	IF	Citations
19	The temperatureâ€ballast hypothesis explains carbon export efficiency observations in the Southern Ocean. Geophysical Research Letters, 2017, 44, 1831-1838.	1.5	17
20	Extended fisheries recovery timelines in a changing environment. Nature Communications, 2017, 8, 15325.	5.8	45
21	Seasonal Succession and Spatial Patterns of Synechococcus Microdiversity in a Salt Marsh Estuary Revealed through 16S rRNA Gene Oligotyping. Frontiers in Microbiology, 2017, 8, 1496.	1.5	39
22	Biomeâ€specific scaling of ocean productivity, temperature, and carbon export efficiency. Geophysical Research Letters, 2016, 43, 5210-5216.	1.5	10
23	Changing recruitment capacity in global fish stocks. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 134-139.	3.3	120
24	Reply to Szuwalski: Recognizing ecological income inequality in the ocean. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1775-E1776.	3.3	2
25	Characterizing and predicting essential habitat features for juvenile coastal sharks. Marine Ecology, 2015, 36, 419-431.	0.4	52
26	Predator decline leads to decreased stability in a coastal fish community. Ecology Letters, 2014, 17, 1518-1525.	3.0	85
27	A mid-term analysis of progress toward international biodiversity targets. Science, 2014, 346, 241-244.	6.0	949
28	Patterns and ecosystem consequences of shark declines in the ocean. Ecology Letters, 2010, 13, 1055-1071.	3.0	706