

# Darren J Pilcher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2760282/publications.pdf>

Version: 2024-02-01

19  
papers

590  
citations

933447

10  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Timescales for detection of trends in the ocean carbon sink. <i>Nature</i> , 2016, 530, 469-472.	27.8	110
2	Natural Variability and Anthropogenic Trends in the Ocean Carbon Sink. <i>Annual Review of Marine Science</i> , 2017, 9, 125-150.	11.6	100
3	The Potential for CO <sub>2</sub> -Induced Acidification in Freshwater: A Great Lakes Case Study. <i>Oceanography</i> , 2015, 25, 136-145.	1.0	95
4	Phytoplankton size impact on export flux in the global ocean. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1542-1562.	4.9	62
5	Global ocean particulate organic carbon flux merged with satellite parameters. <i>Earth System Science Data</i> , 2016, 8, 531-541.	9.9	41
6	Modeled Effect of Coastal Biogeochemical Processes, Climate Variability, and Ocean Acidification on Aragonite Saturation State in the Bering Sea. <i>Frontiers in Marine Science</i> , 2019, 5, .	2.5	30
7	Integrated Assessment of Ocean Acidification Risks to Pteropods in the Northern High Latitudes: Regional Comparison of Exposure, Sensitivity and Adaptive Capacity. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	23
8	The Importance of Freshwater to Spatial Variability of Aragonite Saturation State in the Gulf of Alaska. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 8482-8502.	2.6	21
9	Coastal processes modify projections of some climate-driven stressors in the California Current System. <i>Biogeosciences</i> , 2021, 18, 2871-2890.	3.3	18
10	Physical and biogeochemical mechanisms of internal carbon cycling in Lake Michigan. <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 2112-2128.	2.6	17
11	Assessing the abilities of CMIP5 models to represent the seasonal cycle of surface ocean CO <sub>2</sub> . <i>Journal of Geophysical Research: Oceans</i> , 2015, 120, 4625-4637.	2.6	11
12	Seasonality and Life History Complexity Determine Vulnerability of Dungeness Crab to Multiple Climate Stressors. <i>AGU Advances</i> , 2021, 2, e2021AV000456.	5.4	11
13	Demystifying Models: Answers to Ten Common Questions That Ecologists Have About Earth System Models. <i>Limnology and Oceanography Bulletin</i> , 2016, 25, 65-70.	0.4	9
14	Modeled sensitivity of Lake Michigan productivity and zooplankton to changing nutrient concentrations and quagga mussels. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 2017-2032.	3.0	8
15	Simulated Impact of Glacial Runoff on CO <sub>2</sub> Uptake in the Gulf of Alaska. <i>Geophysical Research Letters</i> , 2018, 45, 880-890.	4.0	8
16	Coupled modes of projected regional change in the Bering Sea from a dynamically downscaling model under CMIP6 forcing. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 194, 104974.	1.4	8
17	Evaluating the impact of climate and demographic variation on future prospects for fish stocks: An application for northern rock sole in Alaska. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 189-190, 104951.	1.4	6
18	Eastern Bering Sea shelf environmental and lower trophic level responses to climate forcing: Results of dynamical downscaling from CMIP6. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2021, 193, 104975.	1.4	6

#	ARTICLE	IF	CITATIONS
19	Editorial: Ecological Applications of Earth System Models and Regional Climate Models. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	1