Hilary I Palevsky

List of Publications by Year
in descending order

16	457	840776 11	940533 16
papers	citations	h-index	g-index

16	16	16	812
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cyanobacteria and cyanophage contributions to carbon and nitrogen cycling in an oligotrophic oxygen-deficient zone. ISME Journal, 2019, 13, 2714-2726.	9.8	52
2	Uncertain response of ocean biological carbon export in a changing world. Nature Geoscience, 2022, 15, 248-254.	12.9	50
3	Seasonal Asymmetry in the Evolution of Surface Ocean pCO₂ and pH Thermodynamic Drivers and the Influence on Seaâ€Air CO₂ Flux. Global Biogeochemical Cycles, 2018, 32, 1476-1497.	4.9	46
4	The North Atlantic Biological Pump: Insights from the Ocean Observatories Initiative Irminger Sea Array. Oceanography, 2018, 31, 42-49.	1.0	43
5	The annual cycle of gross primary production, net community production, and export efficiency across the North Pacific Ocean. Global Biogeochemical Cycles, 2016, 30, 361-380.	4.9	42
6	Nonuniform ocean acidification and attenuation of the ocean carbon sink. Geophysical Research Letters, 2017, 44, 8404-8413.	4.0	42
7	Global Perspectives on Observing Ocean Boundary Current Systems. Frontiers in Marine Science, 2019, 6, .	2.5	39
8	How Choice of Depth Horizon Influences the Estimated Spatial Patterns and Global Magnitude of Ocean Carbon Export Flux. Geophysical Research Letters, 2018, 45, 4171-4179.	4.0	37
9	The influence of net community production and phytoplankton community structure on CO₂ uptake in the Gulf of Alaska. Global Biogeochemical Cycles, 2013, 27, 664-676.	4.9	26
10	Discrepant estimates of primary and export production from satellite algorithms, a biogeochemical model, and geochemical tracer measurements in the North Pacific Ocean. Geophysical Research Letters, 2016, 43, 8645-8653.	4.0	23
11	Influence of biological carbon export on ocean carbon uptake over the annual cycle across the North Pacific Ocean. Global Biogeochemical Cycles, 2017, 31, 81-95.	4.9	19
12	Regional Pattern of the Ocean's Biological Pump Based on Geochemical Observations. Geophysical Research Letters, 2020, 47, e2020GL088098.	4.0	13
13	Perspectives on Chemical Oceanography in the 21st century: Participants of the COME ABOARD Meeting examine aspects of the field in the context of 40 years of DISCO. Marine Chemistry, 2017, 196, 181-190.	2.3	7
14	Sensitivity of 21st Century Ocean Carbon Export Flux Projections to the Choice of Export Depth Horizon. Global Biogeochemical Cycles, 2021, 35, e2020GB006790.	4.9	7
15	Synoptic Mesoscale to Basin Scale Variability in Biological Productivity and Chlorophyll in the Kuroshio Extension Region. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017782.	2.6	6
16	Using Authentic Data from NSFâ€™s Ocean Observatories Initiative in Undergraduate Teaching: An Invitation. Oceanography, 2020, 33, .	1.0	5