

# Alice Della Penna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6022469/publications.pdf>

Version: 2024-02-01

17  
papers

740  
citations

623699

14  
h-index

888047

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1293  
citing authors

#	ARTICLE	IF	CITATIONS
1	Global satellite-observed daily vertical migrations of ocean animals. <i>Nature</i> , 2019, 576, 257-261.	27.8	111
2	Ecological implications of eddy retention in the open ocean: a Lagrangian approach. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 254023.	2.1	78
3	Small phytoplankton dominate western North Atlantic biomass. <i>ISME Journal</i> , 2020, 14, 1663-1674.	9.8	74
4	The biogeochemical structuring role of horizontal stirring: Lagrangian perspectives on iron delivery downstream of the Kerguelen Plateau. <i>Biogeosciences</i> , 2015, 12, 5567-5581.	3.3	69
5	Quasi-planktonic behavior of foraging top marine predators. <i>Scientific Reports</i> , 2015, 5, 18063.	3.3	59
6	Mesoscale eddies influence the movements of mature female white sharks in the Gulf Stream and Sargasso Sea. <i>Scientific Reports</i> , 2018, 8, 7363.	3.3	59
7	Overview of (Sub)mesoscale Ocean Dynamics for the NAAMES Field Program. <i>Frontiers in Marine Science</i> , 2019, 6, .	2.5	48
8	Eddy-induced carbon transport across the Antarctic Circumpolar Current. <i>Global Biogeochemical Cycles</i> , 2017, 31, 1368-1386.	4.9	32
9	Mesoscale Eddies Structure Mesopelagic Communities. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	31
10	Coupling physics and biogeochemistry thanks to high-resolution observations of the phytoplankton community structure in the northwestern Mediterranean Sea. <i>Biogeosciences</i> , 2018, 15, 1579-1606.	3.3	28
11	Autonomous profiling float observations of the high-biomass plume downstream of the Kerguelen Plateau in the Southern Ocean. <i>Biogeosciences</i> , 2015, 12, 2707-2735.	3.3	26
12	Detecting Mesopelagic Organisms Using Biogeochemical Argo Floats. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086088.	4.0	20
13	Influence of oceanographic structures on foraging strategies: Macaroni penguins at Crozet Islands. <i>Movement Ecology</i> , 2015, 3, 32.	2.8	19
14	Lagrangian analysis of multi-satellite data in support of open ocean Marine Protected Area design. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 140, 212-221.	1.4	17
15	Shifts in Phytoplankton Community Structure Across an Anticyclonic Eddy Revealed From High Spectral Resolution Lidar Scattering Measurements. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	15
16	Vertical Motions and Their Effects on a Biogeochemical Tracer in a Cyclonic Structure Finely Observed in the Ligurian Sea. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 3561-3574.	2.6	13
17	Mesoscale Variability of Conditions Favoring an Iron-induced Diatom Bloom Downstream of the Kerguelen Plateau. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 3355-3367.	2.6	8