

# Walker O Smith Jr

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9242339/publications.pdf>

Version: 2024-02-01

11  
papers

425  
citations

1163117  
8  
h-index

1281871  
11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

674  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of sea ice on primary production in the Southern Ocean: A satellite perspective. Journal of Geophysical Research, 2008, 113, .	3.3	128
2	CARBON PARTITIONING WITHIN PHAEOCYSTIS ANTARCTICA (PRYMNESIOPHYCEAE) COLONIES IN THE ROSS SEA, ANTARCTICA. Journal of Phycology, 2000, 36, 1049-1056.	2.3	94
3	The effects of changing winds and temperatures on the oceanography of the Ross Sea in the 21st century. Geophysical Research Letters, 2014, 41, 1624-1631.	4.0	63
4	Prevention is better than cure: Persian Gulf biodiversity vulnerability to the impacts of desalination plants. Global Change Biology, 2019, 25, 4022-4033.	9.5	45
5	Climate change impacts on southern Ross Sea phytoplankton composition, productivity, and export. Journal of Geophysical Research: Oceans, 2017, 122, 2339-2359.	2.6	41
6	Diatom Hotspots Driven by Western Boundary Current Instability. Geophysical Research Letters, 2021, 48, e2020GL091943.	4.0	19
7	A Regional, Early Spring Bloom of <i>Phaeocystis pouchetii</i> on the New England Continental Shelf. Journal of Geophysical Research: Oceans, 2021, 126, .	2.6	10
8	Transport Barriers and the Retention of <i>Calanus finmarchicus</i> on the Lofoten Shelf in Early Spring. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017408.	2.6	10
9	Revisiting the Ocean Color Algorithms for Particulate Organic Carbon and Chlorophyll <i>a</i> Concentrations in the Ross Sea. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017749.	2.6	7
10	Sea-ice microbial communities in the Central Arctic Ocean: Limited responses to short-term pCO <sub>2</sub> perturbations. Limnology and Oceanography, 2021, 66, S383.	3.1	6
11	Primary productivity measurements in the Ross Sea, Antarctica: a regional synthesis. Earth System Science Data, 2022, 14, 2737-2747.	9.9	1