

David Munro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3053128/publications.pdf>

Version: 2024-02-01

20
papers

7,109
citations

516710

16
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

10873
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Carbon Budget 2020. Earth System Science Data, 2020, 12, 3269-3340.	9.9	1,477
2	Global Carbon Budget 2018. Earth System Science Data, 2018, 10, 2141-2194.	9.9	1,167
3	Global Carbon Budget 2019. Earth System Science Data, 2019, 11, 1783-1838.	9.9	1,159
4	Global Carbon Budget 2016. Earth System Science Data, 2016, 8, 605-649.	9.9	905
5	Global Carbon Budget 2017. Earth System Science Data, 2018, 10, 405-448.	9.9	801
6	Global Carbon Budget 2021. Earth System Science Data, 2022, 14, 1917-2005.	9.9	663
7	A multi-decade record of high-quality CO_2 data in version 3 of the Surface Ocean CO_2 Atlas (SOCAT). Earth System Science Data, 2016, 8, 383-413.	9.9	413
8	Recent evidence for a strengthening CO_2 sink in the Southern Ocean from carbonate system measurements in the Drake Passage (2002–2015). Geophysical Research Letters, 2015, 42, 7623-7630.	4.0	70
9	Enhanced oceanic CO_2 uptake along the rapidly changing West Antarctic Peninsula. Nature Climate Change, 2019, 9, 678-683.	18.8	62
10	Strong Southern Ocean carbon uptake evident in airborne observations. Science, 2021, 374, 1275-1280.	12.6	44
11	Estimates of net community production in the Southern Ocean determined from time series observations (2002–2011) of nutrients, dissolved inorganic carbon, and surface ocean pCO_2 in Drake Passage. Deep-Sea Research Part II: Topical Studies in Oceanography, 2015, 114, 49-63.	1.4	43
12	Utilizing the Drake Passage Time-series to understand variability and change in subpolar Southern Ocean pCO_2 . Biogeosciences, 2018, 15, 3841-3855.	3.3	32
13	A Surface Ocean CO_2 Reference Network, SOCONET and Associated Marine Boundary Layer CO_2 Measurements. Frontiers in Marine Science, 2019, 6, .	2.5	26
14	Mesoscale modulation of air-sea CO_2 flux in Drake Passage. Journal of Geophysical Research: Oceans, 2016, 121, 6635-6649.	2.6	23
15	The Variable and Changing Southern Ocean Silicate Front: Insights From the CESM Large Ensemble. Global Biogeochemical Cycles, 2018, 32, 752-768.	4.9	22
16	Anthropogenic CO_2 accumulation and uptake rates in the Pacific Ocean based on changes in the C_{13} / C_{12} of dissolved inorganic carbon. Global Biogeochemical Cycles, 2017, 31, 59-80.	4.9	18
17	Southern Annular Mode Influence on Wintertime Ventilation of the Southern Ocean Detected in Atmospheric O_2 and CO_2 Measurements. Geophysical Research Letters, 2020, 47, e2019GL085667.	4.0	10
18	The Observed Seasonal Cycle of Macronutrients in Drake Passage: Relationship to Fronts and Utility as a Model Metric. Journal of Geophysical Research: Oceans, 2019, 124, 4763-4783.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Net Community Production in the Southern Ocean: Insights From Comparing Atmospheric Potential Oxygen to Satellite Ocean Color Algorithms and Ocean Models. <i>Geophysical Research Letters</i> , 2018, 45, 10,549-10,559.	4.0	6
20	Alternate Histories: Synthetic Large Ensembles of Sea-Air CO ₂ Flux. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	3