

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 2021. Earth System Science Data, 2022, 14, 1917-2005.	9.9	663
2	Alternate Histories: Synthetic Large Ensembles of Sea–Air CO ₂ Flux. Global Biogeochemical Cycles, 2022, 36, .	4.9	3
3	Strong Southern Ocean carbon uptake evident in airborne observations. Science, 2021, 374, 1275-1280.	12.6	44
4	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
5	Global Carbon Budget 2020. Earth System Science Data, 2020, 12, 3269-3340.	9.9	1,477
6	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
7	Enhanced oceanic CO ₂ uptake along the rapidly changing West Antarctic Peninsula. Nature Climate Change, 2019, 9, 678-683.	18.8	62
8	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
9	Global Carbon Budget 2019. Earth System Science Data, 2019, 11, 1783-1838.	9.9	1,159
10	The Variable and Changing Southern Ocean Silicate Front: Insights From the CESM Large Ensemble. Global Biogeochemical Cycles, 2018, 32, 752-768.	4.9	22
11	Net Community Production in the Southern Ocean: Insights From Comparing Atmospheric Potential Oxygen to Satellite Ocean Color Algorithms and Ocean Models. Geophysical Research Letters, 2018, 45, 10,549-10,559.	4.0	6
12	Utilizing the Drake Passage Time-series to understand variability and change in subpolar Southern Ocean $\delta^{13}C_{org}$ and $\delta^{13}C_{DIC}$. Biogeosciences, 2018, 15, 3841-3855.	3.3	32
13	Global Carbon Budget 2018. Earth System Science Data, 2018, 10, 2141-2194.	9.9	1,167
14	Global Carbon Budget 2017. Earth System Science Data, 2018, 10, 405-448.	9.9	801
15	Anthropogenic CO ₂ accumulation and uptake rates in the Pacific Ocean based on changes in the $\delta^{13}C_{org}$ of dissolved inorganic carbon. Global Biogeochemical Cycles, 2017, 31, 59-80.	4.9	18
16	Mesoscale modulation of air–sea CO ₂ flux in Drake Passage. Journal of Geophysical Research: Oceans, 2016, 121, 6635-6649.	2.6	23
17	A multi-decade record of high-quality $\delta^{13}C_{org}$ data in version 3 of the Surface Ocean CO ₂ Atlas (SOCAT). Earth System Science Data, 2016, 8, 383-413.	9.9	413
18	Global Carbon Budget 2016. Earth System Science Data, 2016, 8, 605-649.	9.9	905

#	ARTICLE	IF	CITATIONS
19	Recent evidence for a strengthening CO ₂ sink in the Southern Ocean from carbonate system measurements in the Drake Passage (2002–2015). <i>Geophysical Research Letters</i> , 2015, 42, 7623-7630.	4.0	70
20	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. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015, 114, 49-63.	1.4	43