

Anna Katavouta

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

511
citations

1040056

9
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

1153
citing authors

#	ARTICLE	IF	CITATIONS
1	The biological carbon pump in CMIP6 models: 21st century trends and uncertainties. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	21
2	Ocean carbon cycle feedbacks in CMIP6 models: contributions from different basins. Biogeosciences, 2021, 18, 3189-3218.	3.3	9
3	Regional Asymmetries in Ocean Heat and Carbon Storage due to Dynamic Redistribution in Climate Model Projections. Journal of Climate, 2021, 34, 3907-3925.	3.2	8
4	Controls of the transient climate response to emissions by physical feedbacks, heat uptake and carbon cycling. Environmental Research Letters, 2020, 15, 0940c1.	5.2	10
5	Carbonâ€“concentration and carbonâ€“climate feedbacks in CMIP6 models and their comparison to CMIP5 models. Biogeosciences, 2020, 17, 4173-4222.	3.3	255
6	The Effect of Ocean Ventilation on the Transient Climate Response to Emissions. Journal of Climate, 2019, 32, 5085-5105.	3.2	10
7	Climate Sensitivity From Both Physical and Carbon Cycle Feedbacks. Geophysical Research Letters, 2019, 46, 7554-7564.	4.0	8
8	Carbon-Cycle Feedbacks Operating in the Climate System. Current Climate Change Reports, 2019, 5, 282-295.	8.6	14
9	Pathways to 1.5 Â°C and 2 Â°C warming based on observational and geological constraints. Nature Geoscience, 2018, 11, 102-107.	12.9	84
10	Coastal Upwelling Off Southwest Nova Scotia Simulated With a Highâ€“Resolution Baroclinic Ocean Model. Journal of Geophysical Research: Oceans, 2018, 123, 2318-2331.	2.6	11
11	Reconciling Atmospheric and Oceanic Views of the Transient Climate Response to Emissions. Geophysical Research Letters, 2018, 45, 6205-6214.	4.0	14
12	Interaction between the Tidal and Seasonal Variability of the Gulf of Maine and Scotian Shelf Region. Journal of Physical Oceanography, 2016, 46, 3279-3298.	1.7	20
13	Downscaling ocean conditions with application to the Gulf of Maine, Scotian Shelf and adjacent deep ocean. Ocean Modelling, 2016, 104, 54-72.	2.4	18
14	Sea-Ice Concentration Multivariate Assimilation for the Canadian East Coast in a Coupled Sea Iceâ€“Ocean Model. Atmosphere - Ocean, 2014, 52, 418-433.	1.6	2
15	Downscaling ocean conditions: Experiments with a quasi-geostrophic model. Ocean Modelling, 2013, 72, 231-241.	2.4	6
16	Effect of tides on the Indonesian Seas circulation and their role on the volume, heat and salt transports of the Indonesian Throughflow.. Journal of Geophysical Research: Oceans, 0, , .	2.6	5