

# Anthony Wong

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

871  
citations

623734

14  
h-index

580821

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1329  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Connected Isotopic Water Cycle in the Community Earth System Model Version 1. <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 2547-2566.	3.8	111
2	Evaluating hydrological processes in the Community Atmosphere Model Version 5 (CAM5) using stable isotope ratios of water. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 949-977.	3.8	93
3	Evaluation of modeled land-atmosphere exchanges with a comprehensive water isotope fractionation scheme in version 4 of the Community Land and Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2017, 9, 978-1001.	3.8	92
4	Convergent approaches to determine an ecosystem's transpiration fraction. <i>Global Biogeochemical Cycles</i> , 2016, 30, 933-951.	4.9	75
5	Impacts of Antarctic fast dynamics on sea-level projections and coastal flood defense. <i>Climatic Change</i> , 2017, 144, 347-364.	3.6	73
6	Reduced ENSO variability at the LGM revealed by an isotope-enabled Earth system model. <i>Geophysical Research Letters</i> , 2017, 44, 6984-6992.	4.0	71
7	Sea-level projections representing the deeply uncertain contribution of the West Antarctic ice sheet. <i>Scientific Reports</i> , 2017, 7, 3880.	3.3	61
8	Interpreting Precession-Driven $\delta^{18}O$ Variability in the South Asian Monsoon Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5927-5946.	3.3	49
9	BRICK v0.2, a simple, accessible, and transparent model framework for climate and regional sea-level projections. <i>Geoscientific Model Development</i> , 2017, 10, 2741-2760.	3.6	43
10	Deep Uncertainty Surrounding Coastal Flood Risk Projections: A Case Study for New Orleans. <i>Earth's Future</i> , 2017, 5, 1015-1026.	6.3	40
11	Assessing the Impact of Retreat Mechanisms in a Simple Antarctic Ice Sheet Model Using Bayesian Calibration. <i>PLoS ONE</i> , 2017, 12, e0170052.	2.5	29
12	Neglecting model structural uncertainty underestimates upper tails of flood hazard. <i>Environmental Research Letters</i> , 2018, 13, 074019.	5.2	22
13	How efficient are they really? A simple testing method of small-scale gold miners' gravity separation systems. <i>Minerals Engineering</i> , 2017, 105, 44-51.	4.3	18
14	Impacts of Observational Constraints Related to Sea Level on Estimates of Climate Sensitivity. <i>Earth's Future</i> , 2019, 7, 677-690.	6.3	17
15	Investigating the Direct Meltwater Effect in Terrestrial Oxygen Isotope Paleoclimate Records Using an Isotope-Enabled Earth System Model. <i>Geophysical Research Letters</i> , 2017, 44, 12,501.	4.0	10
16	A multi-objective decision-making approach to the journal submission problem. <i>PLoS ONE</i> , 2017, 12, e0178874.	2.5	10
17	Probabilistic inversion of expert assessments to inform projections about Antarctic ice sheet responses. <i>PLoS ONE</i> , 2017, 12, e0190115.	2.5	10
18	An integration and assessment of multiple covariates of nonstationary storm surge statistical behavior by Bayesian model averaging. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2018, 4, 53-63.	0.9	10

#	ARTICLE	IF	CITATIONS
19	A tighter constraint on Earth-system sensitivity from long-term temperature and carbon-cycle observations. <i>Nature Communications</i> , 2021, 12, 3173.	12.8	9
20	Evidence for Increasing Frequency of Extreme Coastal Sea Levels. <i>Frontiers in Climate</i> , 2022, 4, .	2.8	7
21	The Role of Climate Sensitivity in Upper-Tail Sea Level Rise Projections. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085792.	4.0	6
22	Evaluating the sensitivity of SARS-CoV-2 infection rates on college campuses to wastewater surveillance. <i>Infectious Disease Modelling</i> , 2021, 6, 1144-1158.	1.9	6
23	Lasting coastal hazards from past greenhouse gas emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 23373-23375.	7.1	2
24	Analysis of the evolution of parametric drivers of high-end sea-level hazards. <i>Advances in Statistical Climatology, Meteorology and Oceanography</i> , 2022, 8, 117-134.	0.9	2
25	The Impact of Error Accounting in a Bayesian Approach to Calibrating Modeled Turbulent Fluxes in an Open-Canopy Forest. <i>Journal of Hydrometeorology</i> , 2017, 18, 2029-2042.	1.9	1