

Adriana Bailey

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

724
citations

567144

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713332

21
g-index

29
all docs

29
docs citations

29
times ranked

1066
citing authors

#	ARTICLE	IF	CITATIONS
1	EUREC<sup>4</sup>A. Earth System Science Data, 2021, 13, 4067-4119.	3.7	88
2	Properties of air mass mixing and humidity in the subtropics from measurements of the D/H isotope ratio of water vapor at the Mauna Loa Observatory. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	85
3	The nocturnal water cycle in an open&€canopy forest. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,225.	1.2	70
4	Estimate of bias in Aura TES HDO/H<sub>2</sub>O profiles from comparison of TES and in situ HDO/H<sub>2</sub>O measurements at the Mauna Loa observatory. Atmospheric Chemistry and Physics, 2011, 11, 4491-4503.	1.9	59
5	Characterizing moisture exchange between the Hawaiian convective boundary layer and free troposphere using stable isotopes in water. Journal of Geophysical Research D: Atmospheres, 2013, 118, 8208-8221.	1.2	48
6	Determining water sources in the boundary layer from tall tower profiles of water vapor and surface water isotope ratios after a snowstorm in Colorado. Atmospheric Chemistry and Physics, 2013, 13, 1607-1623.	1.9	47
7	Changing Temperature Inversion Characteristics in the U.S. Southwest and Relationships to Large-Scale Atmospheric Circulation. Journal of Applied Meteorology and Climatology, 2011, 50, 1307-1323.	0.6	46
8	The stability and calibration of water vapor isotope ratio measurements during long-term deployments. Atmospheric Measurement Techniques, 2015, 8, 4521-4538.	1.2	46
9	How Grammatical Choice Shapes Media Representations of Climate (Un)certainty. Environmental Communication, 2014, 8, 197-215.	1.2	40
10	Patterns of Evaporation and Precipitation Drive Global Isotopic Changes in Atmospheric Moisture. Geophysical Research Letters, 2018, 45, 7093-7101.	1.5	25
11	Precipitation efficiency derived from isotope ratios in water vapor distinguishes dynamical and microphysical influences on subtropical atmospheric constituents. Journal of Geophysical Research D: Atmospheres, 2015, 120, 9119-9137.	1.2	24
12	Surface-atmosphere decoupling limits accumulation at Summit, Greenland. Science Advances, 2016, 2, e1501704.	4.7	22
13	A 400&€Year Ice Core Melt Layer Record of Summertime Warming in the Alaska Range. Journal of Geophysical Research D: Atmospheres, 2018, 123, 3594-3611.	1.2	20
14	Tracking the Strength of the Walker Circulation With Stable Isotopes in Water Vapor. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7254-7270.	1.2	20
15	Detecting shifts in tropical moisture imbalances with satellite&€derived isotope ratios in water vapor. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5763-5779.	1.2	19
16	Evaluating a Moist Isentropic Framework for Poleward Moisture Transport: Implications for Water Isotopes Over Antarctica. Geophysical Research Letters, 2019, 46, 7819-7827.	1.5	15
17	Observations from the NOAA P-3 aircraft during ATOMIC. Earth System Science Data, 2021, 13, 3281-3296.	3.7	14
18	Tracking Shallow Convective Mixing and Its Influence on Low&€Level Clouds With Stable Water Isotopes in Vapor. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	5

#	ARTICLE	IF	CITATIONS
19	Amazonian terrestrial water balance inferred from satellite-observed water vapor isotopes. <i>Nature Communications</i> , 2022, 13, 2686.	5.8	5
20	The Impact of Mount Washington on the Height of the Boundary Layer and the Vertical Structure of Temperature and Moisture. <i>Atmosphere</i> , 2018, 9, 293.	1.0	2
21	A New Lens for Evaluating Dynamic Controls on Shallow Convection. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2020MS002249.	1.3	2