Adriana Bailey

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3647436/publications.pdf

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21	724	567144 15	713332 21
papers	citations	h-index	g-index

29	29	29	1066
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tracking Shallow Convective Mixing and Its Influence on Lowâ€Level Clouds With Stable Water Isotopes in Vapor. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	1.2	5
2	Amazonian terrestrial water balance inferred from satellite-observed water vapor isotopes. Nature Communications, 2022, 13, 2686.	5.8	5
3	Observations from the NOAA P-3 aircraft during ATOMIC. Earth System Science Data, 2021, 13, 3281-3296.	3.7	14
4	EUREC⁴A. Earth System Science Data, 2021, 13, 4067-4119.	3.7	88
5	A New Lens for Evaluating Dynamic Controls on Shallow Convection. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002249.	1.3	2
6	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
7	A 400â€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
8	The Impact of Mount Washington on the Height of the Boundary Layer and the Vertical Structure of Temperature and Moisture. Atmosphere, 2018, 9, 293.	1.0	2
9	Patterns of Evaporation and Precipitation Drive Global Isotopic Changes in Atmospheric Moisture. Geophysical Research Letters, 2018, 45, 7093-7101.	1.5	25
10	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
11	Detecting shifts in tropical moisture imbalances with satelliteâ€derived isotope ratios in water vapor. Journal of Geophysical Research D: Atmospheres, 2017, 122, 5763-5779.	1.2	19
12	Surface-atmosphere decoupling limits accumulation at Summit, Greenland. Science Advances, 2016, 2, e1501704.	4.7	22
13	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
14	The stability and calibration of water vapor isotope ratio measurements during long-term deployments. Atmospheric Measurement Techniques, 2015, 8, 4521-4538.	1.2	46
15	How Grammatical Choice Shapes Media Representations of Climate (Un)certainty. Environmental Communication, 2014, 8, 197-215.	1.2	40
16	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
17	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
18	The nocturnal water cycle in an openâ€canopy forest. Journal of Geophysical Research D: Atmospheres, 2013, 118, 10,225.	1.2	70

#	Article	IF	Citations
19	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
20	Estimate of bias in Aura TES HDO/H₂O profiles from comparison of TES and in situ HDO/H₂O measurements at the Mauna Loa observatory. Atmospheric Chemistry and Physics, 2011, 11, 4491-4503.	1.9	59
21	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