

Ryan Bares

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

475
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

868
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term urban carbon dioxide observations reveal spatial and temporal dynamics related to urban characteristics and growth. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2912-2917.	7.1	120
2	An Odd Oxygen Framework for Wintertime Ammonium Nitrate Aerosol Pollution in Urban Areas: NO _x and VOC Control as Mitigation Strategies. Geophysical Research Letters, 2019, 46, 4971-4979.	4.0	80
3	Coupling between Chemical and Meteorological Processes under Persistent Cold-Air Pool Conditions: Evolution of Wintertime PM _{2.5} Pollution Events and N ₂ O ₅ Observations in Utah's Salt Lake Valley. Environmental Science & Technology, 2017, 51, 5941-5950.	10.0	78
4	The Wintertime Covariation of CO ₂ and Criteria Pollutants in an Urban Valley of the Western United States. Journal of Geophysical Research D: Atmospheres, 2018, 123, 2684-2703.	3.3	47
5	CO ₂ and Carbon Emissions from Cities: Linkages to Air Quality, Socioeconomic Activity, and Stakeholders in the Salt Lake City Urban Area. Bulletin of the American Meteorological Society, 2018, 99, 2325-2339.	3.3	41
6	Vapor hydrogen and oxygen isotopes reflect water of combustion in the urban atmosphere. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3247-3252.	7.1	35
7	Detection and variability of combustion-derived vapor in an urban basin. Atmospheric Chemistry and Physics, 2018, 18, 8529-8547.	4.9	21
8	The Utah urban carbon dioxide (UUCON) and Uintah Basin greenhouse gas networks: instrumentation, data, and measurement uncertainty. Earth System Science Data, 2019, 11, 1291-1308.	9.9	15
9	Confirmation of Elevated Methane Emissions in Utah's Uintah Basin With Ground-Based Observations and a High-Resolution Transport Model. Journal of Geophysical Research D: Atmospheres, 2017, 122, 13,026.	3.3	14
10	The role of coarse aerosol particles as a sink of HNO ₃ in wintertime pollution events in the Salt Lake Valley. Atmospheric Chemistry and Physics, 2021, 21, 8111-8126.	4.9	9
11	Wintertime decoupling of urban valley and rural ridge hydrological processes revealed through stable water isotopes. Atmospheric Environment, 2019, 213, 337-348.	4.1	6
12	Air Quality and Behavioral Impacts of Anti-Idling Campaigns in School Drop-Off Zones. Atmosphere, 2022, 13, 706.	2.3	4
13	Intra-city variability of fine particulate matter during COVID-19 lockdown: A case study from Park City, Utah. Environmental Research, 2021, 201, 111471.	7.5	3
14	The Wasatch Environmental Observatory: A mountain to urban research network in the semi-arid western US. Hydrological Processes, 2021, 35, e14352.	2.6	2