Benjamin Fasoli

List of Publications by Year
in descending order

16 papers	389 citations	933447 10 h-index	940533 16 g-index
17 all docs	17 docs citations	17 times ranked	536 citing authors

#	Article	IF	Citations
1	Investigation of Indoor and Outdoor Fine Particulate Matter Concentrations in Schools in Salt Lake City, Utah. Pollutants, 2022, 2, 82-97.	2.1	3
2	Air Quality and Behavioral Impacts of Anti-Idling Campaigns in School Drop-Off Zones. Atmosphere, 2022, 13, 706.	2.3	4
3	Incorporating features from the Stochastic Time-Inverted Lagrangian Transport (STILT) model into the Hybrid Single-Particle Lagrangian Integrated Trajectory (HYSPLIT) model: a unified dispersion model for time-forward and time-reversed applications. Journal of Applied Meteorology and Climatology, 2021, , .	1.5	14
4	An Interpolation Method to Reduce the Computational Time in the Stochastic Lagrangian Particle Dispersion Modeling of Spatially Dense XCO_2 Retrievals. Earth and Space Science, 2021, 8, e2020EA001343.	2.6	7
5	The Wasatch Environmental Observatory: A mountain to urban research network in the semi‐arid western US. Hydrological Processes, 2021, 35, e14352.	2.6	2
6	Mars Methane Sources in Northwestern Gale Crater Inferred From Back Trajectory Modeling. Earth and Space Science, 2021, 8, e2021EA001915.	2.6	8
7	Declining methane emissions and steady, high leakage rates observed over multiple years in a western US oil/gas production basin. Scientific Reports, 2021, 11, 22291.	3.3	13
8	The TRAX Light-Rail Train Air Quality Observation Project. Urban Science, 2019, 3, 108.	2.3	21
9	Quantifying methane emissions in the Uintah Basin during wintertime stagnation episodes. Elementa, 2019, 7, .	3.2	10
10	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
11	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
12	Simulating atmospheric tracer concentrations for spatially distributed receptors: updates to the Stochastic Time-Inverted Lagrangian Transport model's R interface (STILT-R version 2). Geoscientific Model Development, 2018, 11, 2813-2824.	3.6	72
13	A Lagrangian approach towards extracting signals of urban CO_2 emissions from satellite observations of atmospheric column CO_2 (XCO_2): X-Stochastic Time-Inverted Lagrangian Transport model ("X-STILT v1"). Geoscientific Model Development, 2018, 11, 4843-4871.	3.6	56
14	Monitoring of greenhouse gases and pollutants across an urban area using a light-rail public transit platform. Atmospheric Environment, 2018, 187, 9-23.	4.1	62
15	CO2 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
16	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