

Tara I Yacovitch

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,824
citations

304743

22
h-index

477307

29
g-index

42
all docs

42
docs citations

42
times ranked

1474
citing authors

#	ARTICLE	IF	CITATIONS
1	Ground-based investigation of HO ₂ and ozone chemistry in biomass burning plumes in rural Idaho. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4909-4928.	4.9	4
2	Mobile Near-Field Measurements of Biomass Burning Volatile Organic Compounds: Emission Ratios and Factor Analysis. <i>Environmental Science and Technology Letters</i> , 2022, 9, 383-390.	8.7	13
3	Traffic, transport, and vegetation drive VOC concentrations in a major urban area in Texas. <i>Science of the Total Environment</i> , 2022, 838, 155861.	8.0	5
4	Validation of IASI Satellite Ammonia Observations at the Pixel Scale Using In Situ Vertical Profiles. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033475.	3.3	28
5	Isotopes on a Boat: Real-Time Spectroscopic Measurement of Methane Isotopologues from Offshore Oil and Gas Emissions. , 2021, , .		0
6	Methane Emissions from Offshore Oil and Gas Platforms in the Gulf of Mexico. <i>Environmental Science & Technology</i> , 2020, 54, 3530-3538.	10.0	48
7	Characterization of ozone production in San Antonio, Texas, using measurements of total peroxy radicals. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2845-2860.	4.9	16
8	Using the tracer flux ratio method with flight measurements to estimate dairy farm CH ₄ emissions in central California. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 2085-2095.	3.1	10
9	Use of Light Alkane Fingerprints in Attributing Emissions from Oil and Gas Production. <i>Environmental Science & Technology</i> , 2019, 53, 5483-5492.	10.0	20
10	Methane source attribution in a U.S. dry gas basin using spatial patterns of ground and airborne ethane and methane measurements. <i>Elementa</i> , 2019, 7, .	3.2	10
11	Characterization of methane emissions from five cold heavy oil production with sands (CHOPS) facilities. <i>Journal of the Air and Waste Management Association</i> , 2018, 68, 671-684.	1.9	32
12	Methane emissions from oil and gas production sites in Alberta, Canada. <i>Elementa</i> , 2018, 6, .	3.2	45
13	Methane emissions in the Netherlands: The Groningen field. <i>Elementa</i> , 2018, 6, .	3.2	25
14	Using Observations and Source-Specific Model Tracers to Characterize Pollutant Transport During FRAPP and DISCOVERAQ. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10510-10538.	3.3	22
15	Revisiting global fossil fuel and biofuel emissions of ethane. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2493-2512.	3.3	43
16	Emission factors of black carbon and co-pollutants from diesel vehicles in Mexico City. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 15293-15305.	4.9	26
17	Comparing facility-level methane emission rate estimates at natural gas gathering and boosting stations. <i>Elementa</i> , 2017, 5, .	3.2	29
18	Natural gas facility methane emissions: measurements by tracer flux ratio in two US natural gas producing basins. <i>Elementa</i> , 2017, 5, .	3.2	31

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19	Comparison of methane emission estimates from multiple measurement techniques at natural gas production pads. <i>Elementa</i> , 2017, 5, .	3.2	49
20	Measurements of methane emissions from natural gas gathering facilities and processing plants: measurement methods. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2017-2035.	3.1	82
21	Reconciling divergent estimates of oil and gas methane emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15597-15602.	7.1	209
22	Methane Emissions from Natural Gas Compressor Stations in the Transmission and Storage Sector: Measurements and Comparisons with the EPA Greenhouse Gas Reporting Program Protocol. <i>Environmental Science & Technology</i> , 2015, 49, 3252-3261.	10.0	129
23	Measurements of Methane Emissions from Natural Gas Gathering Facilities and Processing Plants: Measurement Results. <i>Environmental Science & Technology</i> , 2015, 49, 3219-3227.	10.0	133
24	Aircraft-Based Estimate of Total Methane Emissions from the Barnett Shale Region. <i>Environmental Science & Technology</i> , 2015, 49, 8124-8131.	10.0	190
25	Airborne Ethane Observations in the Barnett Shale: Quantification of Ethane Flux and Attribution of Methane Emissions. <i>Environmental Science & Technology</i> , 2015, 49, 8158-8166.	10.0	100
26	Aircraft-Based Measurements of Point Source Methane Emissions in the Barnett Shale Basin. <i>Environmental Science & Technology</i> , 2015, 49, 7904-7913.	10.0	93
27	Mobile Laboratory Observations of Methane Emissions in the Barnett Shale Region. <i>Environmental Science & Technology</i> , 2015, 49, 7889-7895.	10.0	128
28	Constructing a Spatially Resolved Methane Emission Inventory for the Barnett Shale Region. <i>Environmental Science & Technology</i> , 2015, 49, 8147-8157.	10.0	133
29	Recent progress in laser-based trace gas instruments: performance and noise analysis. <i>Applied Physics B: Lasers and Optics</i> , 2015, 119, 203-218.	2.2	64
30	Demonstration of an Ethane Spectrometer for Methane Source Identification. <i>Environmental Science & Technology</i> , 2014, 48, 8028-8034.	10.0	101