

Catalina Tsai

List of Publications by Year in descending order

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10
papers

704
citations

933447

10
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

1346
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying Nitrous Acid Formation Mechanisms Using Measured Vertical Profiles During the CalNex 2010 Campaign and 1D Column Modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034689.	3.3	10
2	Nitrous acid formation in a snow-free wintertime polluted rural area. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1977-1996.	4.9	22
3	Tropospheric HONO distribution and chemistry in the southeastern US. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9107-9120.	4.9	22
4	Probing the subtropical lowermost stratosphere and the tropical upper troposphere and tropopause layer for inorganic bromine. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1161-1186.	4.9	25
5	A new Differential Optical Absorption Spectroscopy instrument to study atmospheric chemistry from a high-altitude unmanned aircraft. <i>Atmospheric Measurement Techniques</i> , 2017, 10, 1017-1042.	3.1	20
6	Rapid cycling of reactive nitrogen in the marine boundary layer. <i>Nature</i> , 2016, 532, 489-491.	27.8	159
7	An Atmospheric Constraint on the NO ₂ Dependence of Daytime Near-Surface Nitrous Acid (HONO). <i>Environmental Science & Technology</i> , 2015, 49, 12774-12781.	10.0	26
8	Nocturnal loss of NO _x during the 2010 CalNex- <i>LA</i> study in the Los Angeles Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,004.	3.3	26
9	High winter ozone pollution from carbonyl photolysis in an oil and gas basin. <i>Nature</i> , 2014, 514, 351-354.	27.8	265
10	Vertically Resolved Measurements of Nighttime Radical Reservoirs in Los Angeles and Their Contribution to the Urban Radical Budget. <i>Environmental Science & Technology</i> , 2012, 46, 10965-10973.	10.0	127