

# Catalina Tsai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12202174/publications.pdf>

Version: 2024-02-01

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	High winter ozone pollution from carbonyl photolysis in an oil and gas basin. <i>Nature</i> , 2014, 514, 351-354.	27.8	265
2	Rapid cycling of reactive nitrogen in the marine boundary layer. <i>Nature</i> , 2016, 532, 489-491.	27.8	159
3	Vertically Resolved Measurements of Nighttime Radical Reservoirs in Los Angeles and Their Contribution to the Urban Radical Budget. <i>Environmental Science &amp; Technology</i> , 2012, 46, 10965-10973.	10.0	127
4	Nocturnal loss of NO <sub>x</sub> during the 2010 CalNex-CA study in the Los Angeles Basin. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,004.	3.3	26
5	An Atmospheric Constraint on the NO <sub>2</sub> Dependence of Daytime Near-Surface Nitrous Acid (HONO). <i>Environmental Science &amp; Technology</i> , 2015, 49, 12774-12781.	10.0	26
6	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
7	Nitrous acid formation in a snow-free wintertime polluted rural area. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1977-1996.	4.9	22
8	Tropospheric HONO distribution and chemistry in the southeastern US. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 9107-9120.	4.9	22
9	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
10	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