

# Juno C Hsu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4695236/publications.pdf>

Version: 2024-02-01

15  
papers

1,090  
citations

933447

10  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing Uncertainties and Approximations in Solar Heating of the Climate System. Journal of Advances in Modeling Earth Systems, 2021, 13, e2020MS002131.	3.8	0
2	Evaluation of the interactive stratospheric ozone (O3v2) module in the E3SM version 1 Earth system model. Geoscientific Model Development, 2021, 14, 1219-1236.	3.6	9
3	A round Earth for climate models. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19330-19335.	7.1	4
4	A radiative transfer module for calculating photolysis rates and solar heating in climate models: Solar-J v7.5. Geoscientific Model Development, 2017, 10, 2525-2545.	3.6	3
5	Measuring and modeling the lifetime of nitrous oxide including its variability. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5693-5705.	3.3	151
6	Is the residual vertical velocity a good proxy for stratosphere-troposphere exchange of ozone?. Geophysical Research Letters, 2014, 41, 9024-9032.	4.0	19
7	Sensitivity of stratospheric dynamics to uncertainty in O <sub>3</sub> production. Journal of Geophysical Research D: Atmospheres, 2013, 118, 8984-8999.	3.3	3
8	Reactive greenhouse gas scenarios: Systematic exploration of uncertainties and the role of atmospheric chemistry. Geophysical Research Letters, 2012, 39, .	4.0	406
9	An atmospheric chemist in search of the tropopause. Journal of Geophysical Research, 2011, 116, .	3.3	82
10	Coupling of Nitrous Oxide and Methane by Global Atmospheric Chemistry. Science, 2010, 330, 952-954.	12.6	73
11	Global long-lived chemical modes excited in a 3D chemistry transport model: Stratospheric N <sub>2</sub> O, NO <sub>y</sub> , O <sub>3</sub> and CH <sub>4</sub> chemistry. Geophysical Research Letters, 2010, 37, .	4.0	34
12	Stratospheric variability and tropospheric ozone. Journal of Geophysical Research, 2009, 114, .	3.3	114
13	NF <sub>3</sub> , the greenhouse gas missing from Kyoto. Geophysical Research Letters, 2008, 35, .	4.0	76
14	Diagnosing the stratosphere-to-troposphere flux of ozone in a chemistry transport model. Journal of Geophysical Research, 2005, 110, .	3.3	95
15	Are the TRACE-P measurements representative of the western Pacific during March 2001?. Journal of Geophysical Research, 2004, 109, .	3.3	20