

Juno C Hsu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,090
citations

932766

10
h-index

1058022

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.	1.3	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.	1.3	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.	3.3	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.	1.3	3
5	Measuring and modeling the lifetime of nitrous oxide including its variability. Journal of Geophysical Research D: Atmospheres, 2015, 120, 5693-5705.	1.2	151
6	Is the residual vertical velocity a good proxy for stratosphere-troposphere exchange of ozone?. Geophysical Research Letters, 2014, 41, 9024-9032.	1.5	19
7	Sensitivity of stratospheric dynamics to uncertainty in O ₃ production. Journal of Geophysical Research D: Atmospheres, 2013, 118, 8984-8999.	1.2	3
8	Reactive greenhouse gas scenarios: Systematic exploration of uncertainties and the role of atmospheric chemistry. Geophysical Research Letters, 2012, 39, .	1.5	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.	6.0	73
11	Global long-lived chemical modes excited in a 3D chemistry transport model: Stratospheric N ₂ O, NO _y , O ₃ and CH ₄ chemistry. Geophysical Research Letters, 2010, 37, .	1.5	34
12	Stratospheric variability and tropospheric ozone. Journal of Geophysical Research, 2009, 114, .	3.3	114
13	NF ₃ , the greenhouse gas missing from Kyoto. Geophysical Research Letters, 2008, 35, .	1.5	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