

Juno C Hsu

List of Publications by Year in descending order

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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	Reactive greenhouse gas scenarios: Systematic exploration of uncertainties and the role of atmospheric chemistry. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	406
2	Measuring and modeling the lifetime of nitrous oxide including its variability. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5693-5705.	3.3	151
3	Stratospheric variability and tropospheric ozone. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	114
4	Diagnosing the stratosphere-to-troposphere flux of ozone in a chemistry transport model. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	95
5	An atmospheric chemist in search of the tropopause. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	82
6	NF ₃ , the greenhouse gas missing from Kyoto. <i>Geophysical Research Letters</i> , 2008, 35, .	4.0	76
7	Coupling of Nitrous Oxide and Methane by Global Atmospheric Chemistry. <i>Science</i> , 2010, 330, 952-954.	12.6	73
8	Global long-lived chemical modes excited in a 3D chemistry transport model: Stratospheric N ₂ O, NO _y , O ₃ and CH ₄ chemistry. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	34
9	Are the TRACE-P measurements representative of the western Pacific during March 2001?. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	20
10	Is the residual vertical velocity a good proxy for stratosphere-troposphere exchange of ozone?. <i>Geophysical Research Letters</i> , 2014, 41, 9024-9032.	4.0	19
11	Evaluation of the interactive stratospheric ozone (O ₃ v2) module in the E3SM version 1 Earth system model. <i>Geoscientific Model Development</i> , 2021, 14, 1219-1236.	3.6	9
12	A round Earth for climate models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19330-19335.	7.1	4
13	Sensitivity of stratospheric dynamics to uncertainty in O ₃ production. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 8984-8999.	3.3	3
14	A radiative transfer module for calculating photolysis rates and solar heating in climate models: Solar-J v7.5. <i>Geoscientific Model Development</i> , 2017, 10, 2525-2545.	3.6	3
15	Assessing Uncertainties and Approximations in Solar Heating of the Climate System. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002131.	3.8	0