James Keeble

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8480586/publications.pdf

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30	1,303	567281	477307
papers	citations	15 h-index	29 g-index

74	74	74	1977
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Climate change penalty and benefit on surface ozone: a global perspective based on CMIP6 earth system models. Environmental Research Letters, 2022, 17, 024014.	5.2	27
2	Attribution of Stratospheric and Tropospheric Ozone Changes Between 1850 and 2014 in CMIP6 Models. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	5
3	Using Machine Learning to Make Computationally Inexpensive Projections of 21st Century Stratospheric Column Ozone Changes in the Tropics. Frontiers in Earth Science, 2021, 8, .	1.8	1
4	Effective radiative forcing from emissions of reactive gases and aerosols â€“ a multi-model comparison. Atmospheric Chemistry and Physics, 2021, 21, 853-874.	4.9	65
5	Evaluating stratospheric ozone and water vapour changes in CMIP6 models from 1850 to 2100. Atmospheric Chemistry and Physics, 2021, 21, 5015-5061.	4.9	54
6	Tropospheric ozone in CMIP6 simulations. Atmospheric Chemistry and Physics, 2021, 21, 4187-4218.	4.9	89
7	Regional Features of Long-Term Exposure to PM2.5 Air Quality over Asia under SSP Scenarios Based on CMIP6 Models. International Journal of Environmental Research and Public Health, 2021, 18, 6817.	2.6	10
8	Assessment of pre-industrial to present-day anthropogenic climate forcing in UKESM1. Atmospheric Chemistry and Physics, 2021, 21, 1211-1243.	4.9	29
9	Reconciling the climate and ozone response to the 1257 CE Mount Samalas eruption. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26651-26659.	7.1	15
10	The Evaluation of the North Atlantic Climate System in UKESM1 Historical Simulations for CMIP6. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002126.	3.8	8
11	The Impacts of Aerosol Emissions on Historical Climate in UKESM1. Atmosphere, 2020, 11, 1095.	2.3	5
12	Description and evaluation of the UKCA stratosphereâ€“troposphere chemistry scheme (StratTrop vn) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	109
13	Stratospheric Ozone Changes From Explosive Tropical Volcanoes: Modeling and Ice Core Constraints. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD032290.	3.3	14
14	Modelling the potential impacts of the recent, unexpected increase in CFC-11 emissions on total column ozone recovery. Atmospheric Chemistry and Physics, 2020, 20, 7153-7166.	4.9	10
15	On the Changing Role of the Stratosphere on the Tropospheric Ozone Budget: 1979â€“2010. Geophysical Research Letters, 2020, 47, e2019GL086901.	4.0	18
16	The Influence of Zonally Asymmetric Stratospheric Ozone Changes on the Arctic Polar Vortex Shift. Journal of Climate, 2020, 33, 4641-4658.	3.2	14
17	Polar stratospheric clouds initiated by mountain waves in a global chemistryâ€“climate model: a missing piece in fully modelling polar stratospheric ozone depletion. Atmospheric Chemistry and Physics, 2020, 20, 12483-12497.	4.9	8
18	UKESM1: Description and Evaluation of the U.K. Earth System Model. Journal of Advances in Modeling Earth Systems, 2019, 11, 4513-4558.	3.8	448

#	Article	IF	Citations
19	Prescribing Zonally Asymmetric Ozone Climatologies in Climate Models: Performance Compared to a Chemistryâ€Climate Model. Journal of Advances in Modeling Earth Systems, 2019, 11, 918-933.	3.8	8
20	Improvements to stratospheric chemistry scheme in the UM-UKCA (v10.7) model: solar cycle and heterogeneous reactions. Geoscientific Model Development, 2019, 12, 1227-1239.	3.6	12
21	Delay in recovery of the Antarctic ozone hole from unexpected CFC-11 emissions. Nature Communications, 2019, 10, 5781.	12.8	58
22	On ozone trend detection: using coupled chemistryâ€“climate simulations to investigate early signs of total column ozone recovery. Atmospheric Chemistry and Physics, 2018, 18, 7625-7637.	4.9	18
23	Diagnosing the radiative and chemical contributions to future changes in tropical column ozone with the UM-UKCA chemistryâ€“climate model. Atmospheric Chemistry and Physics, 2017, 17, 13801-13818.	4.9	23
24	Heterogeneous reaction of ClONO₂ with TiO₂ and SiO₂ aerosol particles: implications for stratospheric particle injection for climate engineering. Atmospheric Chemistry and Physics, 2016, 16, 15397-15412.	4.9	16
25	Inclusion of mountain-wave-induced cooling for the formation of PSCs over the Antarctic Peninsula in a chemistryâ€“climate model. Atmospheric Chemistry and Physics, 2015, 15, 1071-1086.	4.9	27
26	Processes Controlling Tropical Tropopause Temperature and Stratospheric Water Vapor in Climate Models. Journal of Climate, 2015, 28, 6516-6535.	3.2	47
27	The impact of polar stratospheric ozone loss on Southern Hemisphere stratospheric circulation and climate. Atmospheric Chemistry and Physics, 2014, 14, 13705-13717.	4.9	53
28	How sensitive is the recovery of stratospheric ozone to changes in concentrations of very short-lived bromocarbons?. Atmospheric Chemistry and Physics, 2014, 14, 10431-10438.	4.9	34
29	Circulation anomalies in the Southern Hemisphere and ozone changes. Atmospheric Chemistry and Physics, 2013, 13, 10677-10688.	4.9	29
30	Evaluating the Ozone Valley over the Tibetan Plateau in CMIP6 Models. Advances in Atmospheric Sciences, 0, , 1.	4.3	7