

# Traute Crueger

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8081209/publications.pdf>

Version: 2024-02-01

13  
papers

4,067  
citations

759055

12  
h-index

1125617

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

5620  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Global Atmosphereâ€aerosol Model ICONâ€Aâ€CHAM2.3â€Initial Model Evaluation and Effects of Radiation Balance Tuning on Aerosol Optical Thickness. Journal of Advances in Modeling Earth Systems, 2022, 14, .	1.3	6
2	The ICON Earth System Model Version 1.0. Journal of Advances in Modeling Earth Systems, 2022, 14, .	1.3	16
3	Simulated Tropical Precipitation Assessed across Three Major Phases of the Coupled Model Intercomparison Project (CMIP). Monthly Weather Review, 2020, 148, 3653-3680.	0.5	92
4	Developments in the MPIâ€M Earth System Model version 1.2 (MPIâ€ESM1.2) and Its Response to Increasing CO <sub>2</sub> . Journal of Advances in Modeling Earth Systems, 2019, 11, 998-1038.	1.3	582
5	ICONâ€A, The Atmosphere Component of the ICON Earth System Model: II. Model Evaluation. Journal of Advances in Modeling Earth Systems, 2018, 10, 1638-1662.	1.3	44
6	ICONâ€A, the Atmosphere Component of the ICON Earth System Model: I. Model Description. Journal of Advances in Modeling Earth Systems, 2018, 10, 1613-1637.	1.3	123
7	Improved MJOâ€simulation in <sc>ECHAM</sc>6.3 by coupling a <sc>S</sc>tochastic <sc>M</sc>ulticloud <sc>M</sc>odel to the convection scheme. Journal of Advances in Modeling Earth Systems, 2017, 9, 193-219.	1.3	66
8	Vertical structure and physical processes of the Maddenâ€Julian oscillation: Exploring key model physics in climate simulations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 4718-4748.	1.2	332
9	The effect of atmospheric radiative heating by clouds on the <sc>M</sc>addenâ€<sc>J</sc>ulian <sc>O</sc>scillation. Journal of Advances in Modeling Earth Systems, 2015, 7, 854-864.	1.3	54
10	The Maddenâ€Julian Oscillation in ECHAM6 and the Introduction of an Objective MJO Metric. Journal of Climate, 2013, 26, 3241-3257.	1.2	62
11	Atmospheric component of the MPIâ€M Earth System Model: ECHAM6. Journal of Advances in Modeling Earth Systems, 2013, 5, 146-172.	1.3	1,044
12	Climate and carbon cycle changes from 1850 to 2100 in MPIâ€ESM simulations for the Coupled Model Intercomparison Project phase 5. Journal of Advances in Modeling Earth Systems, 2013, 5, 572-597.	1.3	1,280
13	Tuning the climate of a global model. Journal of Advances in Modeling Earth Systems, 2012, 4, .	1.3	334