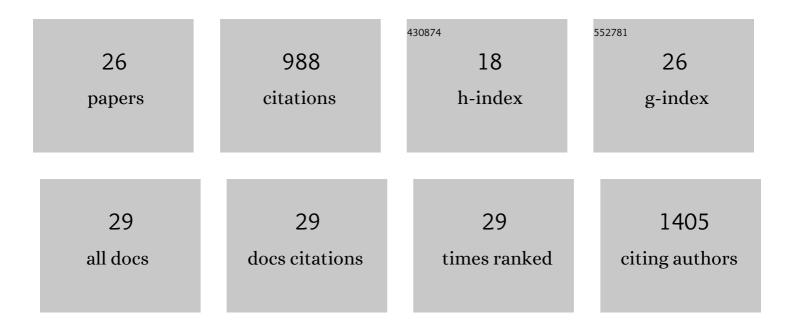
## Mark Branson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/726985/publications.pdf Version: 2024-02-01



MADE REANSON

#	Article	IF	CITATIONS
1	Clouds and Convective Selfâ€Aggregation in a Multimodel Ensemble of Radiativeâ€Convective Equilibrium Simulations. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002138.	3.8	86
2	MJO Intensification with Warming in the Superparameterized CESM. Journal of Climate, 2015, 28, 2706-2724.	3.2	74
3	Intraseasonal Variability in Coupled GCMs: The Roles of Ocean Feedbacks and Model Physics. Journal of Climate, 2014, 27, 4970-4995.	3.2	70
4	Simulations of midlatitude frontal clouds by single-column and cloud-resolving models during the Atmospheric Radiation Measurement March 2000 cloud intensive operational period. Journal of Geophysical Research, 2005, 110, .	3.3	66
5	Vertically resolved weak temperature gradient analysis of the <scp>M</scp> addenâ€ <scp>J</scp> ulian <scp>O</scp> scillation in <scp>SP ESM</scp> . Journal of Advances in Modeling Earth Systems, 2016, 8, 1586-1619.	3.8	65
6	Robust effects of cloud superparameterization on simulated daily rainfall intensity statistics across multiple versions of the <scp>C</scp> ommunity <scp>E</scp> arth <scp>S</scp> ystem <scp>M</scp> odel. Journal of Advances in Modeling Earth Systems, 2016, 8, 140-165.	3.8	64
7	Dark Warming. Journal of Climate, 2016, 29, 705-719.	3.2	63
8	Clouds and Snowball Earth deglaciation. Geophysical Research Letters, 2012, 39, .	4.0	60
9	Modeling springtime shallow frontal clouds with cloud-resolving and single-column models. Journal of Geophysical Research, 2005, 110, .	3.3	51
10	Impact of Evapotranspiration on Dry Season Climate in the Amazon Forest*. Journal of Climate, 2014, 27, 574-591.	3.2	45
11	Simulations of the Tropical General Circulation with a Multiscale Global Model. Meteorological Monographs, 2016, 56, 15.1-15.15.	5.0	42
12	Climate change and the <scp>M</scp> addenâ€ <scp>J</scp> ulian <scp>O</scp> scillation: A vertically resolved weak temperature gradient analysis. Journal of Advances in Modeling Earth Systems, 2017, 9, 307-331.	3.8	42
13	Robust elements of Snowball Earth atmospheric circulation and oases for life. Journal of Geophysical Research D: Atmospheres, 2013, 118, 6017-6027.	3.3	39
14	Role of deep soil moisture in modulating climate in the Amazon rainforest. Geophysical Research Letters, 2010, 37, .	4.0	33
15	Interactions between Moisture and Tropical Convection. Part I: The Coevolution of Moisture and Convection. Journals of the Atmospheric Sciences, 2020, 77, 1783-1799.	1.7	33
16	Initial Results From the Superâ€Parameterized E3SM. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001863.	3.8	28
17	Effects of explicit atmospheric convection at high CO <sub>2</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10943-10948.	7.1	24
18	Impacts of cloud superparameterization on projected daily rainfall intensity climate changes in multiple versions of the Community Earth System Model. Journal of Advances in Modeling Earth Systems, 2016, 8, 1727-1750.	3.8	23

MARK BRANSON

#	Article	IF	CITATIONS
19	A Community Atmosphere Model With Superparameterized Clouds. Eos, 2013, 94, 221-222.	0.1	15
20	Interactions between Moisture and Tropical Convection. Part II: The Convective Coupling of Equatorial Waves. Journals of the Atmospheric Sciences, 2020, 77, 1801-1819.	1.7	15
21	Multipleâ€Instance Superparameterization: 2. The Effects of Stochastic Convection on the Simulated Climate. Journal of Advances in Modeling Earth Systems, 2019, 11, 3521-3544.	3.8	12
22	Understanding the Response of Tropical Ascent to Warming Using an Energy Balance Framework. Journal of Advances in Modeling Earth Systems, 2020, 12, e2020MS002056.	3.8	11
23	Multipleâ€Instance Superparameterization: 1. Concept, and Predictability of Precipitation. Journal of Advances in Modeling Earth Systems, 2019, 11, 3497-3520.	3.8	9
24	Microphysical variability of Amazonian deep convective cores observed by CloudSat and simulated by a multi-scale modeling framework. Atmospheric Chemistry and Physics, 2018, 18, 6493-6510.	4.9	8
25	Surfaceâ€Atmosphere Coupling Scale, the Fate of Water, and Ecophysiological Function in a Brazilian Forest. Journal of Advances in Modeling Earth Systems, 2019, 11, 2523-2546.	3.8	6
26	Ocean Surface Flux Algorithm Effects on Tropical Indoâ€Pacific Intraseasonal Precipitation. Geophysical Research Letters, 2022, 49, .	4.0	4