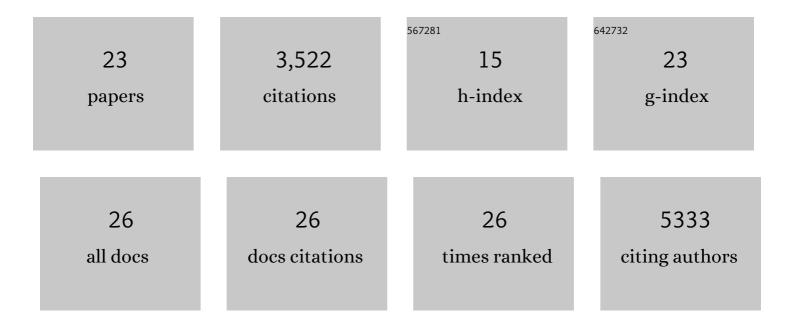
David C Bader

List of Publications by Year in descending order

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DAVID C RADER

#	Article	IF	CITATIONS
1	The Community Earth System Model: A Framework for Collaborative Research. Bulletin of the American Meteorological Society, 2013, 94, 1339-1360.	3.3	1,848
2	The DOE E3SM Coupled Model Version 1: Overview and Evaluation at Standard Resolution. Journal of Advances in Modeling Earth Systems, 2019, 11, 2089-2129.	3.8	404
3	Evaluation of a WRF dynamical downscaling simulation over California. Climatic Change, 2009, 95, 499-521.	3.6	224
4	An Overview of the Atmospheric Component of the Energy Exascale Earth System Model. Journal of Advances in Modeling Earth Systems, 2019, 11, 2377-2411.	3.8	168
5	A Unified Modeling Approach to Climate System Prediction. Bulletin of the American Meteorological Society, 2009, 90, 1819-1832.	3.3	140
6	A prototype two-decade fully-coupled fine-resolution CCSM simulation. Ocean Modelling, 2011, 39, 10-30.	2.4	113
7	The DOE E3SM Coupled Model Version 1: Description and Results at High Resolution. Journal of Advances in Modeling Earth Systems, 2019, 11, 4095-4146.	3.8	112
8	Practice and philosophy of climate model tuning across six US modeling centers. Geoscientific Model Development, 2017, 10, 3207-3223.	3.6	100
9	Title is missing!. Climatic Change, 1999, 42, 31-43.	3.6	79
10	Dynamical Model Simulation of the Morning Boundary Layer Development in Deep Mountain Valleys. Journal of Climate and Applied Meteorology, 1983, 22, 341-351.	1.0	71
11	Regionally refined test bed in E3SM atmosphere model version 1 (EAMv1) and applications for high-resolution modeling. Geoscientific Model Development, 2019, 12, 2679-2706.	3.6	49
12	An Introduction to the E3SM Special Collection: Goals, Science Drivers, Development, and Analysis. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001821.	3.8	43
13	Effects of Shear, Stability and Valley Characteristics on the Destruction of Temperature Inversions. Journal of Climate and Applied Meteorology, 1985, 24, 822-832.	1.0	40
14	Secular trends and climate drift in coupled ocean-atmosphere general circulation models. Journal of Geophysical Research, 2006, 111, .	3.3	20
15	Numerical Simulation of Cross-Valley Plume Dispersion during the Morning Transition Period. Journal of Applied Meteorology and Climatology, 1989, 28, 652-664.	1.7	17
16	Mesoscale Boundary Layer Evolution over Complex Terrain. Part I. Numerical Simulation of the Diurnal Cycle. Journals of the Atmospheric Sciences, 1987, 44, 2823-2839.	1.7	16
17	Evaluation of a CCSM3 Simulation with a Finite Volume Dynamical Core for the Atmosphere at 1° Latitude × 1.25° Longitude Resolution. Journal of Climate, 2008, 21, 1467-1486.	3.2	15
18	Examining the Climate Effects of a Regional Nuclear Weapons Exchange Using a Multiscale Atmospheric Modeling Approach. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033056.	3.3	11

DAVID C BADER

#	Article	IF	CITATIONS
19	Preliminary Study of California Wintertime Model Wet Bias. Monthly Weather Review, 2010, 138, 3556-3571.	1.4	10
20	A spectral transform dynamical core option within the Community Atmosphere Model (CAM4). Journal of Advances in Modeling Earth Systems, 2014, 6, 902-922.	3.8	10
21	Simulated climate near steep topography: Sensitivity to numerical methods for atmospheric transport. Geophysical Research Letters, 2008, 35, .	4.0	8
22	Mesoscale Boundary-Layer Evolution over Complex Terrain. Part II: Factors Controlling Nocturnal Boundary-Layer Structure. Monthly Weather Review, 1992, 120, 802-816.	1.4	3
23	The use of the Climate-science Computational End Station (CCES) development and grand challenge team for the next IPCC assessment: an operational plan. Journal of Physics: Conference Series, 2008, 125, 012024.	0.4	3