

Matthew D Parker

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

648
citations

840776

11
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

252
citing authors

#	ARTICLE	IF	CITATIONS
1	Climatology and Ingredients of Significant Severe Convection in High-Shear, Low-CAPE Environments. <i>Weather and Forecasting</i> , 2014, 29, 854-877.	1.4	109
2	Composite VORTEX2 Supercell Environments from Near-Storm Soundings. <i>Monthly Weather Review</i> , 2014, 142, 508-529.	1.4	84
3	Simulated Supercells in Nontornadic and Tornadic VORTEX2 Environments. <i>Monthly Weather Review</i> , 2017, 145, 149-180.	1.4	80
4	Imported and Storm-Generated Near-Ground Vertical Vorticity in a Simulated Supercell*. <i>Journals of the Atmospheric Sciences</i> , 2014, 71, 3027-3051.	1.7	78
5	Impacts of Increasing Low-Level Shear on Supercells during the Early Evening Transition*. <i>Monthly Weather Review</i> , 2015, 143, 1945-1969.	1.4	60
6	Using Near-Ground Storm Relative Helicity in Supercell Tornado Forecasting. <i>Weather and Forecasting</i> , 2019, 34, 1417-1435.	1.4	60
7	Volatility of Tornadogenesis: An Ensemble of Simulated Nontornadic and Tornadic Supercells in VORTEX2 Environments. <i>Monthly Weather Review</i> , 2017, 145, 4605-4625.	1.4	49
8	Is There a "Tipping Point" between Simulated Nontornadic and Tornadic Supercells in VORTEX2 Environments?. <i>Monthly Weather Review</i> , 2018, 146, 2667-2693.	1.4	36
9	Radar Climatology of Tornadic and Nontornadic Vortices in High-Shear, Low-CAPE Environments in the Mid-Atlantic and Southeastern United States. <i>Weather and Forecasting</i> , 2014, 29, 828-853.	1.4	34
10	Production of Near-Surface Vertical Vorticity by Idealized Downdrafts. <i>Monthly Weather Review</i> , 2015, 143, 2795-2816.	1.4	29
11	Near-Ground Wind Profiles of Tornadic and Nontornadic Environments in the United States and Europe from ERA5 Reanalyses. <i>Weather and Forecasting</i> , 2020, 35, 2621-2638.	1.4	26
12	Infrasound signals in simulated nontornadic and pre-tornadic supercells. <i>Journal of the Acoustical Society of America</i> , 2022, 151, 939-954.	1.1	2
13	Low-level Updraft Intensification in Response to Environmental Wind Profiles. <i>Journals of the Atmospheric Sciences</i> , 2021, , .	1.7	1