

Matthew S Van Den Broeke

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Polarimetric Radar Observations at Low Levels during Tornado Life Cycles in a Small Sample of Classic Southern Plains Supercells*. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 1232-1247.	1.5	39
2	Polarimetric Radar Observations of Biological Scatterers in Hurricanes Irene (2011) and Sandy (2012). <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 2754-2767.	1.3	29
3	Polarimetric Radar Metrics Related to Tornado Life Cycles and Intensity in Supercell Storms. <i>Monthly Weather Review</i> , 2017, 145, 3671-3686.	1.4	21
4	Polarimetric Variability of Classic Supercell Storms as a Function of Environment. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1907-1925.	1.5	15
5	A Preliminary Polarimetric Radar Comparison of Pretornadic and Nontornadic Supercell Storms. <i>Monthly Weather Review</i> , 2020, 148, 1567-1584.	1.4	15
6	A warm-season comparison of WRF coupled to the CLM4.0, Noah-MP, and Bucket hydrology land surface schemes over the central USA. <i>Theoretical and Applied Climatology</i> , 2018, 134, 801-816.	2.8	13
7	Land-Cover Change and the "Dust Bowl" Drought in the U.S. Great Plains. <i>Journal of Climate</i> , 2018, 31, 4657-4667.	3.2	12
8	An Automated Python Algorithm to Quantify ZDR Arc and KDP "ZDR Separation Signatures in Supercells. <i>Journal of Atmospheric and Oceanic Technology</i> , 2021, 38, 371-386.	1.3	9
9	Radar quantification, temporal analysis and influence of atmospheric conditions on a roost of American Robins (<i>Turdus migratorius</i>) in Oklahoma. <i>Remote Sensing in Ecology and Conservation</i> , 2019, 5, 193-204.	4.3	7
10	An unseen synchrony or recurrent resource pulse opportunity? linking fisheries with aeroecology. <i>Remote Sensing in Ecology and Conservation</i> , 2020, 6, 366-380.	4.3	6
11	The influence of isolated thunderstorms and the low-level wind field on nocturnally migrating birds in central North America. <i>Remote Sensing in Ecology and Conservation</i> , 2021, 7, 187-197.	4.3	4
12	Polarimetric Radar Characteristics of Tornadogenesis Failure in Supercell Thunderstorms. <i>Atmosphere</i> , 2021, 12, 581.	2.3	4
13	Polarimetric radar observations of dust storms at C- and S-band. <i>Journal of Operational Meteorology</i> , 2016, 04, 123-131.	0.9	4
14	Disdrometer, Polarimetric Radar, and Condensation Nuclei Observations of Supercell and Multicell Storms on 11 June 2018 in Eastern Nebraska. <i>Atmosphere</i> , 2020, 11, 770.	2.3	3
15	Infrasound measurements from a tornado in Oklahoma. <i>Proceedings of Meetings on Acoustics</i> , 2018, , .	0.3	2
16	Bioscatter transport by tropical cyclones: insights from 10 years in the Atlantic basin. <i>Remote Sensing in Ecology and Conservation</i> , 2022, 8, 18-31.	4.3	1
17	Bioscatter Characteristics Related to Inversion Variability in Atlantic Basin Tropical Cyclones. <i>Earth Interactions</i> , 2022, 26, 28-38.	1.5	1
18	Seasonally and Diurnally Varying Cold Front Effects along the Minnesotan North Shore of Lake Superior. <i>Atmosphere</i> , 2022, 13, 441.	2.3	0