Matthew S Van Den Broeke

List of Publications by Year
in descending order

18	185	1163117 8	1125743 13
papers	citations	h-index	g-index

18	18	18	217
all docs	docs citations	times ranked	citing authors

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