

Darrel M Kingfield

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

525
citations

687363

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all docs

22
docs citations

22
times ranked

419
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Radar Multi-Sensor (MRMS) Severe Weather and Aviation Products: Initial Operating Capabilities. <i>Bulletin of the American Meteorological Society</i> , 2016, 97, 1617-1630.	3.3	153
2	Evaluation of a Probabilistic Forecasting Methodology for Severe Convective Weather in the 2014 Hazardous Weather Testbed. <i>Weather and Forecasting</i> , 2015, 30, 1551-1570.	1.4	54
3	Tornado Warning Decisions Using Phased-Array Radar Data. <i>Weather and Forecasting</i> , 2015, 30, 57-78.	1.4	42
4	Forecaster Performance and Workload: Does Radar Update Time Matter?. <i>Weather and Forecasting</i> , 2017, 32, 253-274.	1.4	31
5	Impacts of Phased-Array Radar Data on Forecaster Performance during Severe Hail and Wind Events. <i>Weather and Forecasting</i> , 2015, 30, 389-404.	1.4	30
6	Antenna structures and cloud-to-ground lightning location: 1995-2015. <i>Geophysical Research Letters</i> , 2017, 44, 5203-5212.	4.0	26
7	Landsat Identification of Tornado Damage by Land Cover and an Evaluation of Damage Recovery in Forests. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 965-987.	1.5	24
8	Effects of City Size on Thunderstorm Evolution Revealed through a Multiradar Climatology of the Central United States. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 295-317.	1.5	20
9	The Relationship between Automated Low-Level Velocity Calculations from the WSR-88D and Maximum Tornado Intensity Determined from Damage Surveys. <i>Weather and Forecasting</i> , 2015, 30, 1125-1139.	1.4	19
10	Forecaster Use and Evaluation of Real-Time 3DVAR Analyses during Severe Thunderstorm and Tornado Warning Operations in the Hazardous Weather Testbed. <i>Weather and Forecasting</i> , 2014, 29, 601-613.	1.4	18
11	Neuro-Fuzzy Gust Front Detection Algorithm With S-Band Polarimetric Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 1618-1628.	6.3	18
12	Estimates of Gradients in Radar Moments Using a Linear Least Squares Derivative Technique. <i>Weather and Forecasting</i> , 2019, 34, 415-434.	1.4	18
13	A Method for Extracting Postevent Storm Tracks. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 451-462.	1.5	15
14	Examination of a Real-Time 3DVAR Analysis System in the Hazardous Weather Testbed. <i>Weather and Forecasting</i> , 2014, 29, 63-77.	1.4	13
15	Real-Time Applications of the Variational Version of the Local Analysis and Prediction System (vLAPS). <i>Bulletin of the American Meteorological Society</i> , 2015, 96, 2045-2057.	3.3	13
16	Dissipation Characteristics of Tornadic Vortex Signatures Associated with Long-Duration Tornadoes. <i>Journal of Applied Meteorology and Climatology</i> , 2019, 58, 317-339.	1.5	8
17	Rapid-Scan and Polarimetric Radar Observations of the Dissipation of a Violent Tornado on 9 May 2016 near Sulphur, Oklahoma. <i>Monthly Weather Review</i> , 2020, 148, 3951-3971.	1.4	8
18	Development of an Operational Convective Nowcasting Algorithm Using Raindrop Size Sorting Information from Polarimetric Radar Data. <i>Weather and Forecasting</i> , 2018, 33, 1477-1495.	1.4	6

#	ARTICLE	IF	CITATIONS
19	The Experimental Warning Program of NOAA's Hazardous Weather Testbed. Bulletin of the American Meteorological Society, 2021, 102, E2229-E2246.	3.3	4
20	Does weather trigger urologic chronic pelvic pain syndrome flares? A case-crossover analysis in the multidisciplinary approach to the study of the chronic pelvic pain research network. Neurourology and Urodynamics, 2020, 39, 1494-1504.	1.5	3
21	Storm-Scale Polarimetric Radar Signatures Associated with Tornado Dissipation in Supercells. Weather and Forecasting, 2021, , .	1.4	1