

Brian A Colle

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,134
citations

623734

14
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	A Double-Moment SBU-LIN Cloud Microphysics Scheme and Its Impact on a Squall Line Simulation. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2021MS002545.	3.8	7
2	Evaluating Warm and Cold Rain Processes in Cloud Microphysical Schemes Using OLYMPEX Field Measurements. <i>Monthly Weather Review</i> , 2020, 148, 2163-2190.	1.4	15
3	Multidecadal Historical Trends in Tropical Cyclone Intensity and Evolution Characteristics for Two North Atlantic Subbasins. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 9893-9904.	3.3	3
4	Evaluating U.S. East Coast Winter Storms in a Multimodel Ensemble Using EOF and Clustering Approaches. <i>Monthly Weather Review</i> , 2019, 147, 1967-1987.	1.4	13
5	The Future of Midlatitude Cyclones. <i>Current Climate Change Reports</i> , 2019, 5, 407-420.	8.6	77
6	Extratropical Cyclones: A Century of Research on Meteorology's Centerpiece. <i>Meteorological Monographs</i> , 2019, 59, 16.1-16.56.	5.0	40
7	Evaluation of Cloud Microphysical Schemes for a Warm Frontal Snowband during the GPM Cold Season Precipitation Experiment (GCPEX). <i>Monthly Weather Review</i> , 2017, 145, 4627-4650.	1.4	12
8	Comparisons of Modeled and Observed Reflectivities and Fall Speeds for Snowfall of Varied Riming Degrees during Winter Storms on Long Island, New York. <i>Monthly Weather Review</i> , 2016, 144, 4327-4347.	1.4	16
9	A Review of Historical and Future Changes of Extratropical Cyclones and Associated Impacts Along the US East Coast. <i>Current Climate Change Reports</i> , 2015, 1, 125-143.	8.6	66
10	A Regression-Based Approach for Cool-Season Storm Surge Predictions along the New York-New Jersey Coast. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 1773-1791.	1.5	13
11	Synoptic flow patterns and decadal variations of wind-induced mixing over western Long Island Sound. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 10,784-10,796.	3.3	2
12	Evidence for Directional Wind Response in Controlling Inter-annual Variations in Duration and Areal Extent of Summertime Hypoxia in Western Long Island Sound. <i>Estuaries and Coasts</i> , 2015, 38, 1735-1743.	2.2	12
13	Climatology and Ensemble Predictions of Nonconvective High Wind Events in the New York City Metropolitan Region. <i>Weather and Forecasting</i> , 2015, 30, 270-294.	1.4	7
14	Evaluation of Historical and Future Cool Season Precipitation over the Eastern United States and Western Atlantic Storm Track Using CMIP5 Models. <i>Journal of Climate</i> , 2015, 28, 451-467.	3.2	16
15	North American Climate in CMIP5 Experiments: Part III: Assessment of Twenty-First-Century Projections*. <i>Journal of Climate</i> , 2014, 27, 2230-2270.	3.2	231
16	Historical Evaluation and Future Prediction of Eastern North American and Western Atlantic Extratropical Cyclones in the CMIP5 Models during the Cool Season. <i>Journal of Climate</i> , 2013, 26, 6882-6903.	3.2	117
17	Climatology and Meteorological Evolution of Major Wildfire Events over the Northeast United States. <i>Weather and Forecasting</i> , 2013, 28, 175-193.	1.4	12
18	The WRF nested within the CESM: Simulations of a midlatitude cyclone over the Southern Great Plains. <i>Journal of Advances in Modeling Earth Systems</i> , 2013, 5, 611-622.	3.8	18

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19	Impact of Bias-Correction Type and Conditional Training on Bayesian Model Averaging over the Northeast United States. <i>Weather and Forecasting</i> , 2012, 27, 1449-1469.	1.4	15
20	A New Bulk Microphysical Scheme That Includes Riming Intensity and Temperature-Dependent Ice Characteristics. <i>Monthly Weather Review</i> , 2011, 139, 1013-1035.	1.4	135
21	Parameterization of Riming Intensity and Its Impact on Ice Fall Speed Using ARM Data. <i>Monthly Weather Review</i> , 2011, 139, 1036-1047.	1.4	36
22	New York City Storm Surges: Climatology and an Analysis of the Wind and Cyclone Evolution. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 85-100.	1.5	50
23	High-Resolution Observations and Model Simulations of the Life Cycle of an Intense Mesoscale Snowband over the Northeastern United States. <i>Monthly Weather Review</i> , 2008, 136, 1433-1456.	1.4	54
24	New York City's Vulnerability to Coastal Flooding. <i>Bulletin of the American Meteorological Society</i> , 2008, 89, 829-842.	3.3	101
25	Numerical Simulations of the Extratropical Transition of Floyd (1999): Structural Evolution and Responsible Mechanisms for the Heavy Rainfall over the Northeast United States. <i>Monthly Weather Review</i> , 2003, 131, 2905-2926.	1.4	66