

# James F Booth

## List of Publications by Year in descending order

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43  
papers

1,111  
citations

430874

18  
h-index

414414

32  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1545  
citing authors

#	ARTICLE	IF	CITATIONS
1	Blocking and General Circulation in GFDL Comprehensive Climate Models. <i>Journal of Climate</i> , 2022, 35, 3687-3703.	3.2	3
2	Predictable Changes in Extreme Sea Levels and Coastal Flood Risk Due To Long-Term Tidal Cycles. <i>Journal of Geophysical Research: Oceans</i> , 2022, 127, .	2.6	11
3	Tropical cyclone storm surge probabilities for the east coast of the United States: a cyclone-based perspective. <i>Natural Hazards and Earth System Sciences</i> , 2022, 22, 1287-1300.	3.6	2
4	Storm Surge, Blocking, and Cyclones: A Compound Hazards Analysis for the Northeast United States. <i>Journal of Applied Meteorology and Climatology</i> , 2021, , .	1.5	1
5	Evaluation of Modeled Precipitation in Oceanic Extratropical Cyclones Using IMERG. <i>Journal of Climate</i> , 2020, 33, 95-113.	3.2	10
6	On the Relationship Between the Marine Cold Air Outbreak M Parameter and Low-Level Cloud Heights in the Midlatitudes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032465.	3.3	9
7	Relationships Between Precipitation Properties and Large-Scale Conditions During Subsidence at the Eastern North Atlantic Observatory. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031848.	3.3	12
8	Upright Convection in Extratropical Cyclones: A Survey Using Ground-Based Radar Data Over the United States. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086620.	4.0	7
9	Atmospheric blocking in an aquaplanet and the impact of orography. <i>Weather and Climate Dynamics</i> , 2020, 1, 293-311.	3.5	5
10	Understanding the Spatial Organization of Simultaneous Heavy Precipitation Events Over the Conterminous United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD033036.	3.3	3
11	The impact of Coriolis approximations on the environmental sensitivity of idealized extratropical cyclones. <i>Climate Dynamics</i> , 2019, 53, 7065-7080.	3.8	2
12	Extratropical Cyclone Clouds in the GFDL Climate Model: Diagnosing Biases and the Associated Causes. <i>Journal of Climate</i> , 2019, 32, 6685-6701.	3.2	9
13	The Interaction Between Boundary Layer and Convection Schemes in a WRF Simulation of Post Cold Frontal Clouds Over the ARM East North Atlantic Site. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4699-4721.	3.3	13
14	Process-Oriented Evaluation of Climate and Weather Forecasting Models. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 1665-1686.	3.3	36
15	New York City Panel on Climate Change 2019 Report Chapter 2: New Methods for Assessing Extreme Temperatures, Heavy Downpours, and Drought. <i>Annals of the New York Academy of Sciences</i> , 2019, 1439, 30-70.	3.8	21
16	New York City Panel on Climate Change 2019 Report Chapter 4: Coastal Flooding. <i>Annals of the New York Academy of Sciences</i> , 2019, 1439, 95-114.	3.8	22
17	The Future of Midlatitude Cyclones. <i>Current Climate Change Reports</i> , 2019, 5, 407-420.	8.6	77
18	Atmosphere surface storm track response to resolved ocean mesoscale in two sets of global climate model experiments. <i>Climate Dynamics</i> , 2019, 52, 2067-2089.	3.8	41

#	ARTICLE	IF	CITATIONS
19	Observational Constraint for Precipitation in Extratropical Cyclones: Sensitivity to Data Sources. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 991-1009.	1.5	14
20	Evaluation of Extratropical Cyclone Precipitation in the North Atlantic Basin: An Analysis of ERA-Interim, WRF, and Two CMIP5 Models. <i>Journal of Climate</i> , 2018, 31, 2345-2360.	3.2	30
21	Post Cold Frontal Clouds at the ARM Eastern North Atlantic Site: An Examination of the Relationship Between Large-scale Environment and Low-level Cloud Properties. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 12,117.	3.3	16
22	WRF Hindcasts of Cold Front Passages over the ARM Eastern North Atlantic Site: A Sensitivity Study. <i>Monthly Weather Review</i> , 2018, 146, 2417-2432.	1.4	7
23	An examination of extratropical cyclone response to changes in baroclinicity and temperature in an idealized environment. <i>Climate Dynamics</i> , 2018, 51, 3829-3846.	3.8	22
24	Extratropical Cyclone Precipitation Life Cycles: A Satellite-based Analysis. <i>Geophysical Research Letters</i> , 2018, 45, 8647-8654.	4.0	21
25	Track and Circulation Analysis of Tropical and Extratropical Cyclones that Cause Strong Precipitation and Streamflow Events in the New York City Watershed. <i>Journal of Hydrometeorology</i> , 2018, 19, 1027-1042.	1.9	10
26	SynthETC: A Statistical Model for Severe Winter Storm Hazard on Eastern North America. <i>Journal of Climate</i> , 2017, 30, 5329-5343.	3.2	10
27	Classifying Urban Rainfall Extremes Using Weather Radar Data: An Application to the Greater New York Area. <i>Journal of Hydrometeorology</i> , 2017, 18, 611-623.	1.9	16
28	Spatial Patterns and Intensity of the Surface Storm Tracks in CMIP5 Models. <i>Journal of Climate</i> , 2017, 30, 4965-4981.	3.2	26
29	Winter storm intensity, hazards, and property losses in the New York tristate area. <i>Annals of the New York Academy of Sciences</i> , 2017, 1400, 65-80.	3.8	9
30	The Relationship Between Extratropical Cyclone Steering and Blocking Along the North American East Coast. <i>Geophysical Research Letters</i> , 2017, 44, 11,976.	4.0	19
31	Comparing hurricane and extratropical storm surge for the Mid-Atlantic and Northeast Coast of the United States for 1979-2013. <i>Environmental Research Letters</i> , 2016, 11, 094004.	5.2	36
32	Arctic cut-off high drives the poleward shift of a new Greenland melting record. <i>Nature Communications</i> , 2016, 7, 11723.	12.8	67
33	The Relationship between Boundary Layer Stability and Cloud Cover in the Post-Cold-Frontal Region. <i>Journal of Climate</i> , 2016, 29, 8129-8149.	3.2	45
34	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
35	The Paths of Extratropical Cyclones Associated with Wintertime High-Wind Events in the Northeastern United States. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 1871-1885.	1.5	28
36	Effective stability in a moist baroclinic wave. <i>Atmospheric Science Letters</i> , 2015, 16, 56-62.	1.9	14

#	ARTICLE	IF	CITATIONS
37	Evaluation of ERA-Interim and MERRA Cloudiness in the Southern Ocean. <i>Journal of Climate</i> , 2014, 27, 2109-2124.	3.2	116
38	Midlatitude storms in a moister world: lessons from idealized baroclinic life cycle experiments. <i>Climate Dynamics</i> , 2013, 41, 787-802.	3.8	74
39	Diagnosing Warm Frontal Cloud Formation in a GCM: A Novel Approach Using Conditional Subsetting. <i>Journal of Climate</i> , 2013, 26, 5827-5845.	3.2	22
40	Multiple satellite observations of cloud cover in extratropical cyclones. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 9982-9996.	3.3	15
41	Sensitivity of Midlatitude Storm Intensification to Perturbations in the Sea Surface Temperature near the Gulf Stream. <i>Monthly Weather Review</i> , 2012, 140, 1241-1256.	1.4	85
42	The Signature of the Midlatitude Tropospheric Storm Tracks in the Surface Winds. <i>Journal of Climate</i> , 2010, 23, 1160-1174.	3.2	49
43	Isolating the role of mesoscale eddies in mixing of a passive tracer in an eddy resolving model. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	9