

# Stephen R Guimond

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10410782/publications.pdf>

Version: 2024-02-01

11  
papers

353  
citations

1040056

9  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

339  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Observations of Hurricane Dennis (2005): The Effects of Hot Towers on Rapid Intensification. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 633-654.	1.7	149
2	The Rapid Intensification of Hurricane Karl (2010): New Remote Sensing Observations of Convective Bursts from the Global Hawk Platform. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 3617-3639.	1.7	43
3	Wind Retrieval Algorithms for the IWRAP and HIWRAP Airborne Doppler Radars with Applications to Hurricanes. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 1189-1215.	1.3	35
4	Concentric Eyewall Asymmetries in Hurricane Gonzalo (2014) Observed by Airborne Radar. <i>Monthly Weather Review</i> , 2017, 145, 729-749.	1.4	31
5	Coherent Turbulence in the Boundary Layer of Hurricane Rita (2005) during an Eyewall Replacement Cycle. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 3071-3093.	1.7	26
6	A Latent Heat Retrieval and Its Effects on the Intensity and Structure Change of Hurricane Guillermo (1997). Part I: The Algorithm and Observations. <i>Journals of the Atmospheric Sciences</i> , 2011, 68, 1549-1567.	1.7	19
7	Determining Key Model Parameters of Rapidly Intensifying Hurricane Guillermo (1997) Using the Ensemble Kalman Filter. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 3147-3171.	1.7	13
8	Hurricane Boundary Layer Height Relative to Storm Motion from GPS Dropsonde Composites. <i>Atmosphere</i> , 2019, 10, 339.	2.3	13
9	The Coplane Analysis Technique for Three-Dimensional Wind Retrieval Using the HIWRAP Airborne Doppler Radar. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 605-623.	1.5	11
10	The Impacts of Dry Dynamic Cores on Asymmetric Hurricane Intensification. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 4661-4684.	1.7	9
11	A Latent Heat Retrieval and Its Effects on the Intensity and Structure Change of Hurricane Guillermo (1997). Part II: Numerical Simulations. <i>Journals of the Atmospheric Sciences</i> , 2012, 69, 3128-3146.	1.7	4