

# Erin E Hackett

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

136  
citations

1163117

8  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

132  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wake characteristics of a freely rotating bioinspired swept rotor blade. Royal Society Open Science, 2021, 8, 210779.	2.4	0
2	Comparison of Atmospheric Refractivity Estimation Methods and Their Influence on Radar Propagation Predictions. Radio Science, 2021, 56, e2020RS007244.	1.6	7
3	Impact of Radar Data Sampling on the Accuracy of Atmospheric Refractivity Inversions Over Marine Surfaces. Radio Science, 2019, 54, 704-714.	1.6	3
4	Leading-edge vortices over swept-back wings with varying sweep geometries. Royal Society Open Science, 2019, 6, 190514.	2.4	9
5	Hydrodynamic Drivers of Dissolved Oxygen Variability within a Tidal Creek in Myrtle Beach, South Carolina. Water (Switzerland), 2019, 11, 1723.	2.7	5
6	Flow Features of the Near Wake of the Australian Boobook Owl (Ninox boobook) During Flapping Flight Suggest an Aerodynamic Mechanism of Sound Suppression for Stealthy Flight. Integrative Organismal Biology, 2019, 1, obz001.	1.8	6
7	Simultaneous Measurement of Turbulence and Particle Kinematics Using Flow Imaging Techniques. Journal of Visualized Experiments, 2019, , .	0.3	0
8	Group Line Energy in Phase-Resolved Ocean Surface Wave Orbital Velocity Reconstructions from X-band Doppler Radar Measurements of the Sea Surface. Remote Sensing, 2019, 11, 71.	4.0	3
9	Impact of Data Selection on the Accuracy of Atmospheric Refractivity Evaporative Duct Inversions Using Genetic Algorithms. , 2018, , .		0
10	Rough Ocean Surface Effects on Evaporative Duct Atmospheric Refractivity Inversions Using Genetic Algorithms. Radio Science, 2018, 53, 804-819.	1.6	12
11	Physical Conditions of Coastal Hypoxia in the Open Embayment of Long Bay, South Carolina: 2006-2014. Estuaries and Coasts, 2017, 40, 1576-1591.	2.2	5
12	Use of Proper Orthogonal Decomposition for Extraction of Ocean Surface Wave Fields from X-Band Radar Measurements of the Sea Surface. Remote Sensing, 2017, 9, 881.	4.0	9
13	Flow Scales of Influence on the Settling Velocities of Particles with Varying Characteristics. PLoS ONE, 2016, 11, e0159645.	2.5	9
14	Global sensitivity of parabolic equation radar wave propagation simulation to sea state and atmospheric refractivity structure. Radio Science, 2015, 50, 1027-1049.	1.6	19
15	Evaluation of simplified evaporation duct refractivity models for inversion problems. Radio Science, 2015, 50, 1110-1130.	1.6	18
16	Similarity and dissimilarity measures for comparison of propagation patterns. , 2015, , .		0
17	Comparison of Incoherent and Coherent Wave Field Measurements Using Dual-Polarized Pulse-Doppler X-Band Radar. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 5926-5942.	6.3	14
18	Global sensitivity of radar wave propagation power to environmental variables for a parabolic equation numerical simulation in maritime regions. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Effect of Finite Spatial Resolution on the Turbulent Energy Spectrum Measured in the Coastal Ocean Bottom Boundary Layer. Journal of Atmospheric and Oceanic Technology, 2009, 26, 2610-2625.	1.3	13
20	Refractivity Inversions from Point-to-Point X-Band Radar Propagation Measurements. Radio Science, 0, , .	1.6	3