

Erin E Hackett

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

136
citations

1163117

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1281871

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docs citations

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times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Global sensitivity of parabolic equation radar wave propagation simulation to sea state and atmospheric refractivity structure. <i>Radio Science</i> , 2015, 50, 1027-1049.	1.6	19
2	Evaluation of simplified evaporation duct refractivity models for inversion problems. <i>Radio Science</i> , 2015, 50, 1110-1130.	1.6	18
3	Comparison of Incoherent and Coherent Wave Field Measurements Using Dual-Polarized Pulse-Doppler X-Band Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2015, 53, 5926-5942.	6.3	14
4	Effect of Finite Spatial Resolution on the Turbulent Energy Spectrum Measured in the Coastal Ocean Bottom Boundary Layer. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2610-2625.	1.3	13
5	Rough Ocean Surface Effects on Evaporative Duct Atmospheric Refractivity Inversions Using Genetic Algorithms. <i>Radio Science</i> , 2018, 53, 804-819.	1.6	12
6	Use of Proper Orthogonal Decomposition for Extraction of Ocean Surface Wave Fields from X-Band Radar Measurements of the Sea Surface. <i>Remote Sensing</i> , 2017, 9, 881.	4.0	9
7	Leading-edge vortices over swept-back wings with varying sweep geometries. <i>Royal Society Open Science</i> , 2019, 6, 190514.	2.4	9
8	Flow Scales of Influence on the Settling Velocities of Particles with Varying Characteristics. <i>PLoS ONE</i> , 2016, 11, e0159645.	2.5	9
9	Comparison of Atmospheric Refractivity Estimation Methods and Their Influence on Radar Propagation Predictions. <i>Radio Science</i> , 2021, 56, e2020RS007244.	1.6	7
10	Flow Features of the Near Wake of the Australian Boobook Owl (<i>Ninox boobook</i>) During Flapping Flight Suggest an Aerodynamic Mechanism of Sound Suppression for Stealthy Flight. <i>Integrative Organismal Biology</i> , 2019, 1, obz001.	1.8	6
11	Physical Conditions of Coastal Hypoxia in the Open Embayment of Long Bay, South Carolina: 2006–2014. <i>Estuaries and Coasts</i> , 2017, 40, 1576-1591.	2.2	5
12	Hydrodynamic Drivers of Dissolved Oxygen Variability within a Tidal Creek in Myrtle Beach, South Carolina. <i>Water (Switzerland)</i> , 2019, 11, 1723.	2.7	5
13	Impact of Radar Data Sampling on the Accuracy of Atmospheric Refractivity Inversions Over Marine Surfaces. <i>Radio Science</i> , 2019, 54, 704-714.	1.6	3
14	Group Line Energy in Phase-Resolved Ocean Surface Wave Orbital Velocity Reconstructions from X-band Doppler Radar Measurements of the Sea Surface. <i>Remote Sensing</i> , 2019, 11, 71.	4.0	3
15	Refractivity Inversions from Point-to-Point X-Band Radar Propagation Measurements. <i>Radio Science</i> , 0, , .	1.6	3
16	Global sensitivity of radar wave propagation power to environmental variables for a parabolic equation numerical simulation in maritime regions. , 2015, , .		1
17	Similarity and dissimilarity measures for comparison of propagation patterns. , 2015, , .		0
18	Impact of Data Selection on the Accuracy of Atmospheric Refractivity Evaporative Duct Inversions Using Genetic Algorithms. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Simultaneous Measurement of Turbulence and Particle Kinematics Using Flow Imaging Techniques. Journal of Visualized Experiments, 2019, , .	0.3	0
20	Wake characteristics of a freely rotating bioinspired swept rotor blade. Royal Society Open Science, 2021, 8, 210779.	2.4	0