Paul A Hwang

List of Publications by Year
in descending order

162 papers	5,388 citations	87888 38 h-index	91884 69 g-index
166 all docs	166 docs citations	166 times ranked	2750 citing authors

#	Article	IF	Citations
1	Estimates of Kinetic Energy Dissipation under Breaking Waves. Journal of Physical Oceanography, 1996, 26, 792-807.	1.7	541
2	Wave modelling â€“ The state of the art. Progress in Oceanography, 2007, 75, 603-674.	3.2	425
3	Wave Diffraction Due to Areas of Energy Dissipation. Journal of Waterway, Port, Coastal and Ocean Engineering, 1984, 110, 67-79.	1.2	414
4	Enhanced dissipation of kinetic energy beneath surface waves. Nature, 1992, 359, 219-220.	27.8	325
5	Investigation of Wave Growth and Decay in the SWAN Model: Three Regional-Scale Applications*. Journal of Physical Oceanography, 2003, 33, 366-389.	1.7	196
6	A statistical comparison of wind speed, wave height, and wave period derived from satellite altimeters and ocean buoys in the Gulf of Mexico region. Journal of Geophysical Research, 1998, 103, 10451-10468.	3.3	144
7	Airborne Measurements of the Wavenumber Spectra of Ocean Surface Waves. Part I: Spectral Slope and Dimensionless Spectral Coefficient*. Journal of Physical Oceanography, 2000, 30, 2753-2767.	1.7	111
8	A Note on the Ocean Surface Roughness Spectrum*. Journal of Atmospheric and Oceanic Technology, 2011, 28, 436-443.	1.3	103
9	Airborne Measurements of the Wavenumber Spectra of Ocean Surface Waves. Part II: Directional Distribution*. Journal of Physical Oceanography, 2000, 30, 2768-2787.	1.7	89
10	A Hurricane Wind Speed Retrieval Model for C-Band RADARSAT-2 Cross-Polarization ScanSAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 4766-4774.	6.3	87
11	A note on analyzing nonlinear and nonstationary ocean wave data. Applied Ocean Research, 2003, 25, 187-193.	4.1	84
12	Comparison of composite Bragg theory and quadâ€polarization radar backscatter from RADARSATâ€2: With applications to wave breaking and high wind retrieval. Journal of Geophysical Research, 2010, 115, .	3.3	83
13	The dependence of sea surface slope on atmospheric stability and swell conditions. Journal of Geophysical Research, 1988, 93, 13903-13912.	3.3	80
14	Crossâ€polarization geophysical model function for Câ€band radar backscattering from the ocean surface and wind speed retrieval. Journal of Geophysical Research: Oceans, 2015, 120, 893-909.	2.6	79
15	Surface roughness and breaking wave properties retrieved from polarimetric microwave radar backscattering. Journal of Geophysical Research: Oceans, 2015, 120, 3640-3657.	2.6	77
16	An Operational Method for Separating Wind Sea and Swell from Ocean Wave Spectra*. Journal of Atmospheric and Oceanic Technology, 2001, 18, 2052-2062.	1.3	73
17	Field Measurements of Duration-Limited Growth of Wind-Generated Ocean Surface Waves at Young Stage of Development*. Journal of Physical Oceanography, 2004, 34, 2316-2326.	1.7	68
18	Laboratory studies of radar sea spikes at low grazing angles. Journal of Geophysical Research, 1991, 96, 12529-12537.	3.3	64

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19	Depolarized radar return for breaking wave measurement and hurricane wind retrieval. Geophysical Research Letters, 2010, 37, .	4.0	60
20	A Study of the Wavenumber Spectra of Short Water Waves in the Ocean. Journal of Physical Oceanography, 1996, 26, 1266-1285.	1.7	59
21	Wind Sea and Swell Separation of 1D Wave Spectrum by a Spectrum Integration Method*. Journal of Atmospheric and Oceanic Technology, 2012, 29, 116-128.	1.3	59
22	Observations of swell influence on ocean surface roughness. Journal of Geophysical Research, 2008, 113, .	3.3	58
23	Directional Distributions and Mean Square Slopes in the Equilibrium and Saturation Ranges of the Wave Spectrum. Journal of Physical Oceanography, 2001, 31, 1346-1360.	1.7	56
24	An empirical investigation of source term balance of small scale surface waves. Geophysical Research Letters, 2004, 31, .	4.0	56
25	Energy dissipation of windâ€generated waves and whitecap coverage. Journal of Geophysical Research, 2008, 113, .	3.3	56
26	Ocean Surface Roughness Spectrum in High Wind Condition for Microwave Backscatter and Emission Computations*. Journal of Atmospheric and Oceanic Technology, 2013, 30, 2168-2188.	1.3	53
27	Fetch- and Duration-Limited Nature of Surface Wave Growth inside Tropical Cyclones: With Applications to Airâ€“Sea Exchange and Remote Sensing. Journal of Physical Oceanography, 2016, 46, 41-56.	1.7	53
28	Foam and Roughness Effects on Passive Microwave Remote Sensing of the Ocean. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 2978-2985.	6.3	50
29	Breaking of wind-generated waves: measurements and characteristics. Journal of Fluid Mechanics, 1989, 202, 177-200.	3.4	48
30	Transport variability across the Korea/Tsushima Strait and the Tsushima Island wake. Deep-Sea Research Part II: Topical Studies in Oceanography, 2005, 52, 1784-1801.	1.4	47
31	Ocean Surface Wave Spectra inside Tropical Cyclones. Journal of Physical Oceanography, 2017, 47, 2393-2417.	1.7	47
32	Analysis of radar sea return for breaking wave investigation. Journal of Geophysical Research, 2008, 113, .	3.3	46
33	Duration- and fetch-limited growth functions of wind-generated waves parameterized with three different scaling wind velocities. Journal of Geophysical Research, 2006, 111, .	3.3	45
34	A note on Doppler processing of coherent radar backscatter from the water surface: With application to ocean surface wave measurements. Journal of Geophysical Research, 2010, 115, .	3.3	45
35	Effective Fetch and Duration of Tropical Cyclone Wind Fields Estimated from Simultaneous Wind and Wave Measurements: Surface Wave and Airâ€“Sea Exchange Computation. Journal of Physical Oceanography, 2017, 47, 447-470.	1.7	43
36	Bridging the gap between cyclone wind and wave by <scp>C</scp>â€band <scp>SAR</scp> measurements. Journal of Geophysical Research: Oceans, 2017, 122, 6714-6724.	2.6	41

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37	Evolution of the Bimodal Directional Distribution of Ocean Waves*. Journal of Physical Oceanography, 2001, 31, 1200-1221.	1.7	40
38	Wave number spectrum and mean square slope of intermediate-scale ocean surface waves. Journal of Geophysical Research, 2005, 110, .	3.3	40
39	The Probability Density Function of Ocean Surface Slopes and Its Effects on Radar Backscatter. Journal of Physical Oceanography, 1997, 27, 782-797.	1.7	39
40	An analysis of the effects of swell and surface roughness spectra on microwave backscatter from the ocean. Journal of Geophysical Research, 2010, 115, .	3.3	38
41	Breaking of Wind-Generated Waves. Journal of Physical Oceanography, 1986, 16, 2172-2178.	1.7	36
42	Observations of Wind Wave Development in Mixed Seas and Unsteady Wind Forcing*. Journal of Physical Oceanography, 2011, 41, 2343-2362.	1.7	36
43	Universality of sea wave growth and its physical roots. Journal of Fluid Mechanics, 2015, 780, 503-535.	3.4	36
44	The influence of coherent waves on the remotely sensed reflectance. Optics Express, 2001, 9, 260.	3.4	35
45	A Study of the Wavenumber Spectra of Short Water Waves in the Ocean. Part II: Spectral Model and Mean Square Slope. Journal of Atmospheric and Oceanic Technology, 1997, 14, 1174-1186.	1.3	34
46	Cross-Polarization Radar Backscattering From the Ocean Surface and Its Dependence on Wind Velocity. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 2188-2192.	3.1	33
47	Azimuthal and Radial Variation of Wind-Generated Surface Waves inside Tropical Cyclones. Journal of Physical Oceanography, 2016, 46, 2605-2621.	1.7	33
48	Air Bubbles Produced by Breaking Wind Waves: A Laboratory Study. Journal of Physical Oceanography, 1990, 20, 19-28.	1.7	32
49	Breaking wave contribution to low grazing angle radar backscatter from the ocean surface. Journal of Geophysical Research, 2008, 113, .	3.3	32
50	Low-Frequency Mean Square Slopes and Dominant Wave Spectral Properties: Toward Tropical Cyclone Remote Sensing. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 7359-7368.	6.3	31
51	Spatial measurements of short wind waves using a scanning slope sensor. Dynamics of Atmospheres and Oceans, 1993, 20, 1-23.	1.8	30
52	Airborne Scanning Lidar Measurement of Ocean Waves. Remote Sensing of Environment, 2000, 73, 236-246.	11.0	27
53	Mapping Surface Currents and Waves with Interferometric Synthetic Aperture Radar in Coastal Waters: Observations of Wave Breaking in Swell-Dominant Conditions*. Journal of Physical Oceanography, 2013, 43, 563-582.	1.7	26
54	Fall Velocity of Particles in Oscillating Flow. Journal of Hydraulic Engineering, 1985, 111, 485-502.	1.5	25

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55	Low-Frequency Resonant Scattering of Bubble Clouds*. Journal of Atmospheric and Oceanic Technology, 2000, 17, 847-853.	1.3	25
56	Temporal and spatial variation of the drag coefficient of a developing sea under steady wind-forcing. Journal of Geophysical Research, 2005, 110, .	3.3	25
57	Ultra-wideband radar studies of steep crested waves with scanning laser measurements of wave slope profiles. Dynamics of Atmospheres and Oceans, 1993, 20, 33-53.	1.8	24
58	Reduction of wind stress due to swell at high wind conditions. Journal of Geophysical Research, 2012, 117, .	3.3	24
59	High-Wind Drag Coefficient and Whitecap Coverage Derived from Microwave Radiometer Observations in Tropical Cyclones. Journal of Physical Oceanography, 2018, 48, 2221-2232.	1.7	24
60	Influence of wavelength on the parameterization of drag coefficient and surface roughness. Journal of Oceanography, 2004, 60, 835-841.	1.7	23
61	Drag Coefficient, Dynamic Roughness and Reference Wind Speed. Journal of Oceanography, 2005, 61, 399-413.	1.7	22
62	Airborne remote sensing applications to coastal wave research. Journal of Geophysical Research, 1998, 103, 18791-18800.	3.3	21
63	The Dispersion Relation of Short Wind Waves from Spaceâ€“Time Wave Measurements*. Journal of Atmospheric and Oceanic Technology, 2004, 21, 1936-1945.	1.3	21
64	Dimensionally Consistent Similarity Relation of Ocean Surface Friction Coefficient in Mixed Seas*. Journal of Physical Oceanography, 2011, 41, 1227-1238.	1.7	21
65	A study of wave effects on wind stress over the ocean in a fetch-limited case. Journal of Geophysical Research, 2005, 110, .	3.3	19
66	Propagation Directions of Ocean Surface Waves inside Tropical Cyclones. Journal of Physical Oceanography, 2018, 48, 1495-1511.	1.7	19
67	Comparison of measured and predicted sea surface spectra of short waves. Journal of Geophysical Research, 1988, 93, 13883-13890.	3.3	18
68	Temperature Effects on Generation and Entrainment of Bubbles Induced by a Water Jet. Journal of Physical Oceanography, 1991, 21, 1602-1605.	1.7	18
69	Estimating the effective energy transfer velocity at airâ€sea interface. Journal of Geophysical Research, 2009, 114, .	3.3	18
70	On direct passive microwave remote sensing of sea spray aerosol production. Atmospheric Chemistry and Physics, 2014, 14, 11611-11631.	4.9	17
71	Application of AMSR-E and AMSR2 Low-Frequency Channel Brightness Temperature Data for Hurricane Wind Retrievals. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 4501-4512.	6.3	17
72	Using Energy Dissipation Rate to Obtain Active Whitecap Fraction. Journal of Physical Oceanography, 2016, 46, 461-481.	1.7	16

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73	Ocean Surface Foam and Microwave Emission: Dependence on Frequency and Incidence Angle. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 8223-8234.	6.3	16
74	Surface Foam and L-Band Microwave Radiometer Measurements in High Winds. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 2766-2776.	6.3	16
75	Whitecap and Wind Stress Observations by Microwave Radiometers: Global Coverage and Extreme Conditions. Journal of Physical Oceanography, 2019, 49, 2291-2307.	1.7	16
76	A study on the spectral models for waves in finite water depth. Journal of Geophysical Research, 1983, 88, 9579-9587.	3.3	15
77	Modulation of short waves by surface currents: A numerical solution. Journal of Geophysical Research, 1990, 95, 16311-16318.	3.3	15
78	Incorporation of Wind Effects Into Boussinesq Wave Models. Journal of Waterway, Port, Coastal and Ocean Engineering, 2004, 130, 312-321.	1.2	15
79	Spectral signature of wave breaking in surface wave components of intermediate-length scale. Journal of Marine Systems, 2007, 66, 28-37.	2.1	15
80	Surface Velocity Profiles in a Vessel's Turbulent Wake Observed by a Dual-Beam Along-Track Interferometric SAR. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 602-606.	3.1	15
81	Retrieving Hurricane Wind Speed From Dominant Wave Parameters. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 2589-2598.	4.9	15
82	An experimental investigation of wave measurements using a dual-beam interferometer: Gulf Stream as a surface wave guide. Journal of Geophysical Research, 2006, 111, .	3.3	14
83	Comparison of Ocean Surface Wind Stress Computed with Different Parameterization Functions of the Drag Coefficient. Journal of Oceanography, 2005, 61, 91-107.	1.7	13
84	L -Band Ocean Surface Roughness. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3988-3999.	6.3	12
85	Drift velocity at the wave breaking point. Coastal Engineering, 1982, 6, 121-150.	4.0	11
86	Microstructure of Ocean Surface Roughness: A Study of Spatial Measurement and Laboratory Investigation of Modulation Analysis*. Journal of Atmospheric and Oceanic Technology, 1999, 16, 1619-1629.	1.3	11
87	Altimeter Measurements of Wind and Wave Modulation by the Kuroshio in the Yellow and East China Seas. Journal of Oceanography, 2005, 61, 987-993.	1.7	11
88	Correction to â€œComparison of composite Bragg theory and quadâ€polarization radar backscatter from RADARSATâ€2: With applications to wave breaking and high wind retrievalâ€• Journal of Geophysical Research, 2010, 115, .	3.3	11
89	Comment on â€œAmbient and transient bubble spectral densities in quiescent seas and under spilling breakersâ€•by Herman Medwin and Nigel D. Breitz. Journal of Geophysical Research, 1991, 96, 865-866.	3.3	10
90	Replyâ€¡. Journal of Physical Oceanography, 1997, 27, 2308-2309.	1.7	10

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91	Title is missing!. Journal of Oceanography, 1999, 55, 307-325.	1.7	10
92	Doppler frequency shift in ocean wave measurements: Frequency downshift of a fixed spectral wave number component by advection of wave orbital velocity. Journal of Geophysical Research, 2006, 111, .	3.3	10
93	Estimating Maximum Significant Wave Height and Dominant Wave Period inside Tropical Cyclones. Weather and Forecasting, 2018, 33, 955-966.	1.4	10
94	On the parameterization of the drag coefficient in mixed seas. Scientia Marina, 2012, 76, 177-186.	0.6	10
95	An Advanced Roughness Spectrum for Computing Microwave L-Band Emissivity in Sea Surface Salinity Retrieval. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 547-551.	3.1	9
96	Phase Distribution of Small-Scale Ocean Surface Roughness*. Journal of Physical Oceanography, 2002, 32, 2977-2987.	1.7	8
97	Observations of Steep Wave Statistics in Open Ocean Waters. Journal of Atmospheric and Oceanic Technology, 2005, 22, 258-271.	1.3	8
98	Comment on â€œA study of the slope probability density function of the ocean waves from radar observationsâ€•by D. Hauser et al.. Journal of Geophysical Research, 2009, 114, .	3.3	8
99	The Effect of Wind-Wave Growth on SAR-Based Waterline Maps. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 5140-5149.	6.3	8
100	Kinetic energy flux budget across air-sea interface. Ocean Modelling, 2017, 120, 27-40.	2.4	7
101	CORRIGENDUM*. Journal of Physical Oceanography, 2005, 35, 268-270.	1.7	6
102	Influence of Wavelength on the Parameterization of Drag Coefficient and Surface Roughness. Journal of Oceanography, 2004, 60, 835-841.	1.7	6
103	Artificial Bubble Cloud Targets for Underwater Acoustic Remote Sensing. Journal of Atmospheric and Oceanic Technology, 1995, 12, 1287-1302.	1.3	5
104	Higher Fourier Harmonics of the Directional Distribution of an Equilibrium Wave Field under Steady Wind Forcing*. Journal of Atmospheric and Oceanic Technology, 2003, 20, 217-227.	1.3	5
105	Breaking waves and near-surface sea spray aerosol dependence on changing winds: Wave breaking efficiency and bubble-related air-sea interaction processes. IOP Conference Series: Earth and Environmental Science, 2016, 35, 012004.	0.3	5
106	Microwave Specular Measurements and Ocean Surface Wave Properties. Sensors, 2021, 21, 1486.	3.8	5
107	Velocity of Particles Falling in Vertically Oscillating Flow. Journal of Hydraulic Engineering, 1990, 116, 23-35.	1.5	4
108	The modulation of a radar signal from the ocean surface due to slope and hydrodynamic effects. Journal of Geophysical Research, 1990, 95, 16291-16297.	3.3	4

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109	Comments on â€œRelating the Drag Coefficient and the Roughness Length over the Sea to the Wavelength of the Peak Wavesâ€•. Journal of Physical Oceanography, 2010, 40, 2556-2562.	1.7	4
110	Analysis and correction of maritime SAR signatures with the NRL MSAR. , 2015, , .		4
111	Surface wave spectral properties of centimeter to decameter wavelengths: variable spectral slope and non-equilibrium spectrum. Ocean Dynamics, 2020, 70, 1267-1279.	2.2	4
112	Water Waves and Circular Damping Regions. Journal of Waterway, Port, Coastal and Ocean Engineering, 1984, 110, 273-276.	1.2	3
113	<title>Optical measurements of short-wave modulation by surface currents</title>. , 1992, , .		3
114	Directionality and Crest Length Statistics of Steep Waves in Open Ocean Waters. Journal of Atmospheric and Oceanic Technology, 2005, 22, 272-281.	1.3	3
115	A new polarization ratio model from C-Band RADARSAT-2 fine Quad-Pol imagery. , 2010, , .		3
116	Wind retrieval with cross-polarized SAR returns. , 2011, , .		3
117	Whitecap Observations by Microwave Radiometers: With Discussion on Surface Roughness and Foam Contributions. Remote Sensing, 2020, 12, 2277.	4.0	3
118	Impact on Sea-Surface Electromagnetic Scattering and Emission Modeling of Recent Progress on the Parameterization of Ocean Surface Roughness, Drag Coefficient, and Whitecap Coverage in High Wind Conditions. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1879-1887.	4.9	3
119	Deriving L-Band Tilting Ocean Surface Roughness From Measurements by Operational Systems. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 940-949.	6.3	3
120	On the Sensitivity of Passive Multistatic Radar Amplitude and Doppler Measurements to Significant Wave Height. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
121	A Simulation Study of Significant Wave Height Retrieval From Bistatic Scattering of Signals of Opportunity. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
122	Improvement of CYGNSS Level 1 Calibration Using Modeling and Measurements of Ocean Surface Mean Square Slope. , 2020, , .		3
123	Comment on â€œOn the motion of suspended sand particlesâ€•by Peter Nielsen. Journal of Geophysical Research, 1985, 90, 3253-3254.	3.3	2
124	Discussion of â€œ Fall Velocity of Particles in Oscillating Flow â€•by Paul A. Hwang (March, 1985). Journal of Hydraulic Engineering, 1987, 113, 935-938.	1.5	2
125	An Empirical Study of Breaking Wave Contribution to Radar Backscatter from the Ocean Surface at Low Grazing Angle. , 2008, , .		2
126	Correction to â€œEnergy dissipation of windâ€generated waves and whitecap coverageâ€• Journal of Geophysical Research, 2009, 114, .	3.3	2

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127	Inferring surface roughness and breaking wave properties from polarimetric radar backscattering. , 2015, , .		2
128	Fetch-limited surface wave growth inside tropical cyclones and hurricane wind speed retrieval. , 2016, , .		2
129	Recent Development of Drag Coefficient, Foam, and Surface Roughness for High Wind EM Emission and Scattering Computation. , 2019, , .		2
130	Significant Wave Height and Bistatic Doppler Signals of Microwave Scattering From the Ocean Surface: With Emphasis on the Swell Factor. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	2
131	A Comparison of the Energy Flux Computation of Shoaling Waves Using Hilbert and Wavelet Spectral Analysis Techniques. , 2005, , 83-95.		2
132	Unified Wind Wave Growth and Spectrum Functions for All Water Depths: Field Observations and Model Results. Journal of Physical Oceanography, 2022, , .	1.7	2
133	Airborne remote sensing of breaking waves. Remote Sensing of Environment, 2002, 80, 65-75.	11.0	1
134	Swell influence on ocean surface roughness and radar scattering from the ocean surface. , 2009, , .		1
135	Observation of a boat and its wake with a Dual-Beam along-track interferometric sar. , 2010, , .		1
136	Effects of foam and wind waves on microwave ocean emission. , 2012, , .		1
137	Coupled Nature of Hurricane Wind and Wave Properties for Ocean Remote Sensing of Hurricane Wind Speed. Springer Natural Hazards, 2017, , 215-236.	0.3	1
138	Hurricane Hunter Observations of Wind And Wave Spectral Properties: Implications on Tropical Cyclone Remote Sensing. , 2018, , .		1
139	Artificial bubble cloud targets. , 1996, , .		1
140	Transports and Net Fluxes of Surface Wave Energy and Momentum inside Tropical Cyclones: Spectrum Computation and Modeling. Journal of Physical Oceanography, 2020, 50, 3309-3329.	1.7	1
141	Profile Asymmetry of Shoaling Waves on a Mild Slope. , 1985, , 1016.		0
142	Directional Wavenumber Spectra of Ocean Surface Waves. , 2001, , 1363.		0
143	Analysis of SWAN Model with In-Situ and Remotely Sensed Data from SandyDuck '97. , 2001, , 812.		0
144	Transient Evolution of the Wave Bimodal Directional Distribution. , 2001, , 1254.		0

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145	A Biomodal Directional Distribution Model for Directional Buoy Measurements. , 2002, , 163.		0
146	Wavenumber spectrum of intermediate-scale ocean surface waves. , 0, , .		0
147	Wave Measurements using a Dual-beam Interferometer Near Gulf Stream Boundary. , 2006, , .		0
148	Statistical characterization of radar sea scatter for breaking wave detection. , 2007, , .		0
149	A conceptual design for simultaneous measurements of 3D surface wave field and ocean surface current vector using the InSAR technology. , 2008, , .		0
150	Doppler processing of coherent radar backscatter for ocean surface wave measurements. , 2010, , .		0
151	Breaking wave measurements with sar depolarized returns. , 2010, , .		0
152	Performance of roughness correction models for retrieval of Sea Surface Salinity from air- and satellite-borne L-band radiometers. , 2010, , .		0
153	Directional Distributions and Mean Square Slopes of Surface Waves. Geophysical Monograph Series, 0, , 65-70.	0.1	0
154	HILBERT SPECTRA OF NONLINEAR OCEAN WAVES. Interdisciplinary Mathematical Sciences, 2014, , 285-299.	0.4	0
155	Wind velocity and cross polarization radar backscatter. , 2014, , .		0
156	A C-band cross polarization geophysical model function. , 2015, , .		0
157	Reconciling Discrepancies Between Airborne and Buoy-Based Measurements of Wind Stress Over Mixed Seas. Boundary-Layer Meteorology, 2015, 155, 515-526.	2.3	0
158	Coupled nature of hurricane wind and wave properties derived from simultaneous measurements in hurricane hunter missions. , 2017, , .		0
159	Azimuthal Variation of L-Band Tilting Roughness Inside Tropical Cyclones. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
160	QUANTIFICATION OF THE WIND EFFECT ON WAVE BREAKING BASED ON A BOUSSINESQ WAVE MODEL. , 2003, , .		0
161	THE INFLUENCE OF SWELL ON THE SEA SURFACE ROUGHNESS AND THE GROWTH OF WIND WAVES. , 2005, , .		0
162	Variability of the wave number spectra of short surface waves in the ocean and their modulation due to internal waves and natural slicks. , 2006, , 177-187.		0