

# William Rogers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1549882/publications.pdf>

Version: 2024-02-01

41  
papers

2,066  
citations

331538

21  
h-index

289141

40  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1437  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new method for parameterization of wave dissipation by sea ice. Cold Regions Science and Technology, 2022, 199, 103582.	1.6	5
2	Estimates of spectral wave attenuation in Antarctic sea ice, using model/data inversion. Cold Regions Science and Technology, 2021, 182, 103198.	1.6	19
3	Global Wave Hindcasts Using the Observation-Based Source Terms: Description and Validation. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002493.	1.3	19
4	Diffraction of irregular ocean waves measured by altimeter in the lee of islands. Remote Sensing of Environment, 2021, 265, 112653.	4.6	6
5	Landfast Ice and Coastal Wave Exposure in Northern Alaska. Geophysical Research Letters, 2021, 48, e2021GL095103.	1.5	11
6	Attenuation of Ocean Surface Waves in Pancake and Frazil Sea Ice Along the Coast of the Chukchi Sea. Journal of Geophysical Research: Oceans, 2020, 125, e2020JC016746.	1.0	14
7	Spectral Modeling of Ice-Induced Wave Decay. Journal of Physical Oceanography, 2020, 50, 1583-1604.	0.7	25
8	Waves and Swells in High Wind and Extreme Fetches, Measurements in the Southern Ocean. Frontiers in Marine Science, 2019, 6, .	1.2	39
9	Wave Groups Observed in Pancake Sea Ice. Journal of Geophysical Research: Oceans, 2019, 124, 7400-7411.	1.0	13
10	A Scaling for Wave Dispersion Relationships in Ice-Covered Waters. Journal of Geophysical Research: Oceans, 2019, 124, 8429-8438.	1.0	10
11	Observation-Based Source Terms in the Third-Generation Wave Model WAVEWATCH III: Updates and Verification. Journal of Physical Oceanography, 2019, 49, 489-517.	0.7	91
12	Overview of the Arctic Sea State and Boundary Layer Physics Program. Journal of Geophysical Research: Oceans, 2018, 123, 8674-8687.	1.0	96
13	Airborne Remote Sensing of Wave Propagation in the Marginal Ice Zone. Journal of Geophysical Research: Oceans, 2018, 123, 4132-4152.	1.0	18
14	Wave Evolution in Off-Ice Wind Conditions. Journal of Geophysical Research: Oceans, 2018, 123, 5543-5556.	1.0	10
15	Langmuir turbulence in horizontal salinity gradient. Ocean Modelling, 2018, 129, 93-103.	1.0	18
16	Advanced wave modeling, including wave-current interaction. Journal of Marine Research, 2017, 75, 239-262.	0.3	9
17	Calibrating a Viscoelastic Sea Ice Model for Wave Propagation in the Arctic Fall Marginal Ice Zone. Journal of Geophysical Research: Oceans, 2017, 122, 8770-8793.	1.0	73
18	Wind and wave influences on sea ice floe size and leads in the Beaufort and Chukchi Seas during the summer-fall transition 2014. Journal of Geophysical Research: Oceans, 2016, 121, 1502-1525.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Drag coefficient comparisons between observed and model simulated directional wave spectra under hurricane conditions. <i>Ocean Modelling</i> , 2016, 102, 1-13.	1.0	27
20	Emerging trends in the sea state of the Beaufort and Chukchi seas. <i>Ocean Modelling</i> , 2016, 105, 1-12.	1.0	78
21	Spatial characteristics of ocean surface waves. <i>Ocean Dynamics</i> , 2016, 66, 1025-1035.	0.9	16
22	Dissipation of wind waves by pancake and frazil ice in the autumn Beaufort Sea. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 7991-8007.	1.0	96
23	Wave-Breaking Turbulence in the Ocean Surface Layer. <i>Journal of Physical Oceanography</i> , 2016, 46, 1857-1870.	0.7	47
24	Wave spectral response to sudden changes in wind direction in finite-depth waters. <i>Ocean Modelling</i> , 2016, 103, 98-117.	1.0	21
25	Correlations between Interannual SST Oscillations and Modeled Swell Impacts on Turbulent Mixing*. <i>Journal of Climate</i> , 2016, 29, 293-311.	1.2	1
26	In situ measurements of an energetic wave event in the Arctic marginal ice zone. <i>Geophysical Research Letters</i> , 2015, 42, 1863-1870.	1.5	108
27	Adjoint-Free Variational Data Assimilation into a Regional Wave Model. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 1386-1399.	0.5	16
28	Observation-based source terms in the third-generation wave model WAVEWATCH. <i>Ocean Modelling</i> , 2015, 96, 2-25.	1.0	168
29	US Navy Global and Regional Wave Modeling. <i>Oceanography</i> , 2014, 27, 56-67.	0.5	10
30	Swell and sea in the emerging Arctic Ocean. <i>Geophysical Research Letters</i> , 2014, 41, 3136-3140.	1.5	225
31	Ocean-wave coupled modeling in COAMPS-TC: A study of Hurricane Ivan (2004). <i>Ocean Modelling</i> , 2013, 69, 181-194.	1.0	25
32	Frequency width in predictions of windsea spectra and the role of the nonlinear solver. <i>Ocean Modelling</i> , 2013, 70, 52-61.	1.0	31
33	Observation-Consistent Input and Whitecapping Dissipation in a Model for Wind-Generated Surface Waves: Description and Simple Calculations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 1329-1346.	0.5	166
34	Forecasting ocean waves: Comparing a physics-based model with statistical models. <i>Coastal Engineering</i> , 2011, 58, 409-416.	1.7	97
35	A study of dissipation of wind-waves by mud at Cassino Beach, Brazil: Prediction and inversion. <i>Continental Shelf Research</i> , 2009, 29, 676-690.	0.9	65
36	Directional Validation of Wave Predictions*. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 504-520.	0.5	24

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37	Forecasting and hindcasting waves with the SWAN model in the Southern California Bight. Coastal Engineering, 2007, 54, 1-15.	1.7	116
38	Evaluations of Global Wave Prediction at the Fleet Numerical Meteorology and Oceanography Center*. Weather and Forecasting, 2005, 20, 745-760.	0.5	20
39	Investigation of Wave Growth and Decay in the SWAN Model: Three Regional-Scale Applications*. Journal of Physical Oceanography, 2003, 33, 366-389.	0.7	196
40	Pacific Basin Wind-Wave Models: The Generation and Propagation of Low Frequency Energy. , 2002, , 934.		1
41	Laboratory Study of Beach Nourishment Behavior. Journal of Waterway, Port, Coastal and Ocean Engineering, 1998, 124, 229-237.	0.5	7