

# Haoyu Jiang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4308862/publications.pdf>

Version: 2024-02-01

41  
papers

629  
citations

567281

15  
h-index

610901

24  
g-index

43  
all docs

43  
docs citations

43  
times ranked

865  
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of land use on the concentration and vertical distribution of PBDEs in soils of an e-waste recycling region of South China. <i>Environmental Pollution</i> , 2014, 191, 126-131.	7.5	48
2	A Global View on the Swell and Wind Sea Climate by the Jason-1 Mission: A Revisit. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1833-1841.	1.3	47
3	Sources, compositions, and optical properties of humic-like substances in Beijing during the 2014 APEC summit: Results from dual carbon isotope and Fourier-transform ion cyclotron resonance mass spectrometry analyses. <i>Environmental Pollution</i> , 2018, 239, 322-331.	7.5	47
4	Photoenhanced Uptake of NO <sub>2</sub> and HONO Formation on Real Urban Grime. <i>Environmental Science and Technology Letters</i> , 2019, 6, 413-417.	8.7	46
5	Exploring the differences of antibiotic resistance genes profiles between river surface water and sediments using metagenomic approach. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 64-69.	6.0	45
6	Swell dissipation from 10 years of Envisat advanced synthetic aperture radar in wave mode. <i>Geophysical Research Letters</i> , 2016, 43, 3423-3430.	4.0	34
7	Characterizing the antibiotic resistance genes in a river catchment: Influence of anthropogenic activities. <i>Journal of Environmental Sciences</i> , 2018, 69, 125-132.	6.1	32
8	Light-Enhanced Heterogeneous Conversion of NO <sub>2</sub> to HONO on Solid Films Consisting of Fluorene and Fluorene/Na <sub>2</sub> SO <sub>4</sub> : An Impact on Urban and Indoor Atmosphere. <i>Environmental Science &amp; Technology</i> , 2020, 54, 11079-11086.	10.0	25
9	Event-Based Validation of Swell Arrival Time. <i>Journal of Physical Oceanography</i> , 2016, 46, 3563-3569.	1.7	24
10	Source apportionment of water-soluble oxidative potential in ambient total suspended particulate from Bangkok: Biomass burning versus fossil fuel combustion. <i>Atmospheric Environment</i> , 2020, 235, 117624.	4.1	24
11	Tracking the attenuation and nonbreaking dissipation of swells using altimeters. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 1446-1458.	2.6	23
12	Wave Climate from Spectra and Its Connections with Local and Remote Wind Climate. <i>Journal of Physical Oceanography</i> , 2019, 49, 543-559.	1.7	21
13	Molecular marker study of aerosols in the northern South China Sea: Impact of atmospheric outflow from the Indo-China Peninsula and South China. <i>Atmospheric Environment</i> , 2019, 206, 225-236.	4.1	18
14	Radiocarbon-derived source apportionment of fine carbonaceous aerosols before, during, and after the 2014 Asia-Pacific Economic Cooperation (APEC) summit in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4177-4187.	3.3	17
15	Limitation of SAR Quasi-Linear Inversion Data on Swell Climate: An Example of Global Crossing Swells. <i>Remote Sensing</i> , 2017, 9, 107.	4.0	17
16	Evaluation of altimeter undersampling in estimating global wind and wave climate using virtual observation. <i>Remote Sensing of Environment</i> , 2020, 245, 111840.	11.0	15
17	Improving Altimeter Wind Speed Retrievals Using Ocean Wave Parameters. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 1917-1924.	4.9	14
18	Using Polyurethane Foam-Based Passive Air Sampling Technique to Monitor Monosaccharides at a Regional Scale. <i>Environmental Science &amp; Technology</i> , 2018, 52, 12546-12555.	10.0	12

#	ARTICLE	IF	CITATIONS
19	Indirect Validation of Ocean Remote Sensing Data via Numerical Model: An Example of Wave Heights from Altimeter. <i>Remote Sensing</i> , 2020, 12, 2627.	4.0	12
20	Climatology of Wind-Seas and Swells in the China Seas from Wave Hindcast. <i>Journal of Ocean University of China</i> , 2020, 19, 90-100.	1.2	10
21	Changes in residual air saturation after thorough drainage processes in an air-water fine sandy medium. <i>Journal of Hydrology</i> , 2014, 519, 271-283.	5.4	9
22	Wave Climate Patterns from Spatial Tracking of Global Long-Term Ocean Wave Spectra. <i>Journal of Climate</i> , 2020, 33, 3381-3393.	3.2	9
23	Validation of Wave Spectral Partitions From SWIM Instrument On-Board CFOSAT Against <i>In Situ</i> Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	6.3	9
24	Can contemporary satellites estimate swell dissipation rate?. <i>Remote Sensing of Environment</i> , 2017, 201, 24-33.	11.0	8
25	Spatially Tracking Wave Events in Partitioned Numerical Wave Model Outputs. <i>Journal of Atmospheric and Oceanic Technology</i> , 2019, 36, 1933-1944.	1.3	7
26	Photosensitized Degradation of DMSO Initiated by PAHs at the Air-Water Interface, as an Alternative Source of Organic Sulfur Compounds to the Atmosphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035346.	3.3	7
27	Assessment of Two SMOS Sea Surface Salinity Level 3 Products Against Argo Upper Salinity Measurements. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013, 10, 1434-1438.	3.1	6
28	Ocean Swell: How Much Do We Know. , 2017, , .		6
29	Accurate mean wave period from SWIM instrument on-board CFOSAT. <i>Remote Sensing of Environment</i> , 2022, 280, 113149.	11.0	6
30	Increasing Historical Tropical Cyclone-Induced Extreme Wave Heights in the Northern East China Sea during 1979 to 2018. <i>Remote Sensing</i> , 2020, 12, 2464.	4.0	5
31	Evaluation on the Capability of Revealing Ocean Swells from Sentinel-1A Wave Spectra Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2020, 37, 1289-1304.	1.3	5
32	A revisit of global wind-sea and swell climate and variability using multiplatform altimeters. <i>Remote Sensing of Environment</i> , 2022, 271, 112922.	11.0	5
33	Identifying storm-induced wave origins using SAR wave mode data. <i>Science China Earth Sciences</i> , 2016, 59, 1971-1980.	5.2	4
34	Wind speed and direction estimation from wave spectra using deep learning. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 1-9.	3.1	4
35	An index of wind-wave coupling and its global climatology. <i>International Journal of Climatology</i> , 2016, 36, 3139-3147.	3.5	2
36	Wind-Generated Gravity Waves Retrieval From High-Resolution 2-D Maps of Sea Surface Elevation by Airborne Interferometric Altimeter. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022, 19, 1-5.	3.1	2

#	ARTICLE	IF	CITATIONS
37	Modal recovery of sea-level variability in the South China Sea using merged altimeter data. Chinese Journal of Oceanology and Limnology, 2015, 33, 1233-1244.	0.7	1
38	Study on dynamic slope angle of sandy seabed around the submarine piggyback pipeline in steady flow. Journal of Marine Engineering and Technology, 2019, , 1-13.	4.1	1
39	Separation of Wind-Sea and Swell Wave Heights Using Altimeter Data. , 2021, , .		1
40	A global distribution of crossing swell from Envisat ASAR Wave Mode data based on swell propagation. , 2016, , .		0
41	Amphidromic Lines in the Atmosphere: An Example of Global Pressure Field Annual Harmonic. Earth and Space Science, 2021, 8, e2021EA001638.	2.6	0