

# Yanlei Du

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

174  
citations

1040056

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h-index

1125743

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22  
all docs

22  
docs citations

22  
times ranked

108  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Improved Spectrum Model for Sea Surface Radar Backscattering at L-Band. Remote Sensing, 2017, 9, 776.	4.0	32
2	BSF: Block Subspace Filter for Removing Narrowband and Wideband Radio Interference Artifacts in Single-Look Complex SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	16
3	A Numerical Study of Roughness Scale Effects on Ocean Radar Scattering Using the Second-Order SSA and the Moment Method. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6874-6887.	6.3	15
4	Accurate Calculations of Emissivities of Polar Ocean Surfaces Between 0.5 and 2 GHz Using an NIBC/Nystrom/SMCG Method. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2732-2744.	6.3	14
5	SLIC Superpixel Segmentation for Polarimetric SAR Images. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	14
6	A New Form of the Polarimetric Notch Filter. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	12
7	A Novel Region-Based Image Registration Method for Multisource Remote Sensing Images Via CNN. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1821-1831.	4.9	11
8	ELECTROMAGNETIC SCATTERING AND EMISSION BY OCEAN SURFACES BASED ON NEIGHBORHOOD IMPEDANCE BOUNDARY CONDITION (NIBC) WITH DENSE GRID: ACCURATE EMISSIVITY AND SENSITIVITY TO SALINITY. Progress in Electromagnetics Research B, 2018, 81, 141-162.	1.0	10
9	A CNN-Based Self-Supervised Synthetic Aperture Radar Image Denoising Approach. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	10
10	Electromagnetic Scattering and Emission From Large Rough Surfaces With Multiple Elevations Using the MLS-D-SMCG Method. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 5393-5406.	6.3	9
11	Effects of Temperature on Sea Surface Radar Backscattering Under Neutral and Nonneutral Atmospheric Conditions for Wind Retrieval Applications: A Numerical Study. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 2727-2743.	6.3	7
12	An Improved Asymmetric Hurricane Parametric Model Based on Cross-Polarization SAR Observations. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 1411-1422.	4.9	5
13	PolSAR Ship Detection Using the Superpixel-Based Neighborhood Polarimetric Covariance Matrices. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
14	Study on direction dependence of the fully polarimetric wind-induced ocean emissivity at L-band using a semi-theoretical approach for Aquarius and SMAP observations. Remote Sensing of Environment, 2021, 265, 112661.	11.0	4
15	Ocean Scattering and Emission Using Nystrom/NIBC Combined with SMCG. , 2019, , .		2
16	Effects of Ocean Wave Spectrum Truncation on Sea Clutter Distribution in Numerical Simulations. , 2021, , .		1
17	An NIBC/Nystrom/SMCG Method Implemented with MoM for Broadband Emissivities from Large-scale Polar Ocean Surfaces. , 2019, , .		0
18	A Color Restoration Algorithm for Diffractive Optical Images of Membrane Camera. Sensors, 2021, 21, 1053.	3.8	0

#	ARTICLE	IF	CITATIONS
19	Accurate and efficient solution of electromagnetic scattering from randomly rough surface using MoM&MCG with adaptive quadrature. Electronics Letters, 2021, 57, 694-696.	1.0	0
20	Numerical Study on the Wind Direction Asymmetries of Fully Polarimetric Ocean Emission at L-Band. , 2021, , .		0
21	Direction Dependence of the Fully Polarimetric Wind-induced Ocean Emissivity at L-band: Modeling and Anisotropy Analyses. , 2021, , .		0