

# Yifei Ji

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Distortions Imposed by Ionospheric Faraday Rotation Dispersion in Low-Frequency Full-Polarimetric SAR Images. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
2	Measuring Ionospheric Scintillation Parameters From SAR Images Using Phase Gradient Autofocus: A Case Study. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.	6.3	12
3	An Autofocus Approach With Applications to Ionospheric Scintillation Compensation for Spaceborne SAR Images. IEEE Transactions on Aerospace and Electronic Systems, 2022, 58, 989-1004.	4.7	8
4	An Ionospheric Phase Screen Projection Method of Phase Gradient Autofocus in Spaceborne SAR. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	4
5	Extended scintillation phase gradient autofocus in future spaceborne P-band SAR mission. Science China Information Sciences, 2021, 64, 1.	4.3	7
6	Analysis of the Spatial-variation Features of Scintillation Phase Error in Spaceborne Synthetic Aperture Radar Images. , 2021, , .		0
7	Impacts of Ionospheric Irregularities on L-Band Geosynchronous Synthetic Aperture Radar. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3941-3954.	6.3	18
8	Spaceborne P-Band SAR Imaging Degradation by Anisotropic Ionospheric Irregularities: A Comprehensive Numerical Study. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5516-5526.	6.3	10
9	Geosynchronous SAR raw data simulator in presence of ionospheric scintillation using reverse backprojection. Electronics Letters, 2020, 56, 512-514.	1.0	8
10	Minimum-Entropy Autofocusing Based on Re-PSO for Ionospheric Scintillation Mitigation in P-Band SAR Imaging. IEEE Access, 2019, 7, 84580-84590.	4.2	10
11	Comments on "The Influence of Equatorial Scintillation on L-Band SAR Image Quality and Phase", IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7300-7301.	6.3	11
12	Performance Analysis of Ionospheric Scintillation Effect on P-Band Sliding Spotlight SAR System. Sensors, 2019, 19, 2161.	3.8	2
13	Elongation Orientation of Equatorial Ionospheric Irregularities in Spaceborne SAR Images. , 2019, , .		1
14	Retrieval of Ionospheric Faraday Rotation Angle in Low-Frequency Polarimetric SAR Data. IEEE Access, 2019, 7, 3181-3193.	4.2	12
15	An Improved Estimator of Faraday Rotation in Linearly Polarized SAR Data. , 2018, , .		0
16	A Novel Strategy of Ambiguity Correction for the Improved Faraday Rotation Estimator in Linearly Full-Polarimetric SAR Data. Sensors, 2018, 18, 1158.	3.8	6
17	Effects of polarimetric dispersion on future spaceborne P-band ultra-wideband SAR. Electronics Letters, 2018, 54, 1292-1294.	1.0	7
18	L-band geosynchronous SAR imaging degradations imposed by ionospheric irregularities. Science China Information Sciences, 2017, 60, 1.	4.3	40