

Zhen Xu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of the "Stop-and-Go" Approximation on the Lunar-Based SAR Imaging. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6
2	On Orbital Determination of the Lunar-Based SAR Under Apsidal Precession. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-17.	6.3	2
3	On Evaluating the Imaging Performance and Orbital Determination Under Perturbations of Orbital Inclination and RAAN in the Lunar-Based SAR. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-19.	6.3	2
4	Apsidal Precession Effects on the Lunar-Based Synthetic Aperture Radar Imaging Performance. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1079-1083.	3.1	5
5	Zero-Doppler Centroid Steering for the Moon-Based Synthetic Aperture Radar: A Theoretical Analysis. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1208-1212.	3.1	13
6	Numerical Study of the Spatiotemporally-Varying Background Ionospheric Effects on P-Band Satellite SAR Imaging. IEEE Access, 2020, 8, 123182-123199.	4.2	2
7	Spatiotemporal Coverage of a Moon-Based Synthetic Aperture Radar: Theoretical Analyses and Numerical Simulations. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 8735-8750.	6.3	12
8	Effects of the Earth's Curvature and Lunar Revolution on the Imaging Performance of the Moon-Based Synthetic Aperture Radar. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5868-5882.	6.3	20
9	Effects of Temporally-varying Tropospheric Path Delay on the Imaging Performance of Moon-based SAR. , 2019, , .		1
10	Effects of the Earth's Irregular Rotation on the Moon-Based Synthetic Aperture Radar Imaging. IEEE Access, 2019, 7, 155014-155027.	4.2	8
11	Simulation Study of the Earth Radiation Budget Experiment on the Moon-Based Earth Observation Platform. , 2018, , .		0
12	Temporal-Spatial Varying Background Ionospheric Effects on the Moon-Based Synthetic Aperture Radar Imaging: A Theoretical Analysis. IEEE Access, 2018, 6, 66767-66786.	4.2	13
13	Doppler Estimation with "Non-Stop-and-Go" Assumption in Moon-Based SAR Imaging. , 2018, , .		1
14	On Signal Modeling of Moon-Based Synthetic Aperture Radar (SAR) Imaging of Earth. Remote Sensing, 2018, 10, 486.	4.0	35
15	Ionospheric effects on the lunar-based radar imaging. , 2017, , .		1