

Fan Wu

List of Publications by Year in descending order

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672
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Soil Moisture Estimation based on the Distributed Scatterers Adaptive Filter over the QTP Permafrost Region using Sentinel-1 and High-resolution TerraSAR-X Data. <i>International Journal of Remote Sensing</i> , 2021, 42, 902-928. | 2.9 | 6 |
| 2 | Multitemporal Water Extraction of Dongting Lake and Poyang Lake Based on an Automatic Water Extraction and Dynamic Monitoring Framework. <i>Remote Sensing</i> , 2021, 13, 865. | 4.0 | 26 |
| 3 | Built-up area mapping in China from GF-3 SAR imagery based on the framework of deep learning. <i>Remote Sensing of Environment</i> , 2021, 262, 112515. | 11.0 | 31 |
| 4 | Paddy Rice Mapping in Thailand Using Time-Series Sentinel-1 Data and Deep Learning Model. <i>Remote Sensing</i> , 2021, 13, 3994. | 4.0 | 24 |
| 5 | An Anchor-Free Method for Arbitrary-Oriented Ship Detection in SAR Images. , 2021, , . | | 5 |
| 6 | MW-ACGAN: Generating Multiscale High-Resolution SAR Images for Ship Detection. <i>Sensors</i> , 2020, 20, 6673. | 3.8 | 20 |
| 7 | Spaceborne SAR Data for Regional Urban Mapping Using a Robust Building Extractor. <i>Remote Sensing</i> , 2020, 12, 2791. | 4.0 | 10 |
| 8 | Earthquake-Induced Building Damage Assessment on SAR Multi-Texture Feature Fusion. , 2020, , . | | 2 |
| 9 | Automatic Extraction of Built-Up Areas for Cities in China from GF-3 Images Based on Improved Residual U-Net Network. , 2020, , . | | 1 |
| 10 | Time-Series InSAR Monitoring of Permafrost Freeze-Thaw Seasonal Displacement over Qinghaiâ€™Tibetan Plateau Using Sentinel-1 Data. <i>Remote Sensing</i> , 2019, 11, 1000. | 4.0 | 45 |
| 11 | Urban Building Change Detection in SAR Images Using Combined Differential Image and Residual U-Net Network. <i>Remote Sensing</i> , 2019, 11, 1091. | 4.0 | 46 |
| 12 | Corn Fine Classification With Gf-3 High-Resolution Sar Data Based on Deep Learning. , 2019, , . | | 1 |
| 13 | Discrimination of Collapsed Buildings from Remote Sensing Imagery Using Deep Neural Networks. , 2019, , . | | 4 |
| 14 | Permafrost Subsidence Monitoring of Qinghai-Tibet Plateau using Sentinel-1 Data. , 2019, , . | | 0 |
| 15 | SAR Image Super-Resolution Based on Noise-Free Generative Adversarial Network. , 2019, , . | | 14 |
| 16 | Permafrost Soil Moisture Monitoring Using Multi-Temporal TerraSAR-X Data in Beiluhe of Northern Tibet, China. <i>Remote Sensing</i> , 2018, 10, 1577. | 4.0 | 9 |
| 17 | Building classification from single TerraSAR-X ST image by fusing structure features in the pyramid framework. , 2017, , . | | 0 |
| 18 | Geometrical characteristics based building height extraction from VHR SAR imagery. , 2017, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Automatic Detection of Low-Rise Gable-Roof Building from Single Submeter SAR Images Based on Local Multilevel Segmentation. Remote Sensing, 2017, 9, 263. | 4.0 | 10 |
| 20 | Detectability Analysis of Road Vehicles in Radarsat-2 Fully Polarimetric SAR Images for Traffic Monitoring. Sensors, 2017, 17, 298. | 3.8 | 6 |
| 21 | Ship detection and velocity estimation in quad polarimetric SAR images from pursuit monostatic mode of TerraSAR-X and TanDEM-X. , 2017, , . | | 1 |
| 22 | Earthquake-Induced Building Damage Detection with Post-Event Sub-Meter VHR TerraSAR-X Staring Spotlight Imagery. Remote Sensing, 2016, 8, 887. | 4.0 | 63 |
| 23 | Signature Analysis of Building Damage With TerraSAR-X New Staring SpotLight Mode Data. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1696-1700. | 3.1 | 23 |
| 24 | Building features extraction based on facade regularities using TerraSAR-X ST data. , 2015, , . | | 0 |
| 25 | The estimation of the absolute phase of polarimetric wave changed by the target. , 2015, , . | | 2 |
| 26 | Classification of Vessels in Single-Pol COSMO-SkyMed Images Based on Statistical and Structural Features. Remote Sensing, 2015, 7, 5511-5533. | 4.0 | 20 |
| 27 | Damage building analysis in TerraSAR-X new staring spotlight mode SAR imagery. , 2015, , . | | 1 |
| 28 | An adaptive two-scale enhancement method to visualize man-made objects in very high resolution SAR images. Remote Sensing Letters, 2015, 6, 725-734. | 1.4 | 7 |
| 29 | Capability of Rice Mapping Using Hybrid Polarimetric SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 3812-3822. | 4.9 | 24 |
| 30 | Polarimetric synthetic aperture radar change detection for specific land cover types. International Journal of Digital Earth, 2015, 8, 334-344. | 3.9 | 8 |
| 31 | High-voltage transmission towers detection using hybrid polarimetric SAR data. , 2014, , . | | 3 |
| 32 | A Novel Hierarchical Ship Classifier for COSMO-SkyMed SAR Data. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 484-488. | 3.1 | 69 |
| 33 | Investigation of the Capability of α Decomposition of Compact Polarimetric SAR. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 868-872. | 3.1 | 24 |
| 34 | Rice Crop Monitoring in South China With RADARSAT-2 Quad-Polarization SAR Data. IEEE Geoscience and Remote Sensing Letters, 2011, 8, 196-200. | 3.1 | 97 |