

# Zhanye Chen

## List of Publications by Year in descending order

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35  
papers

379  
citations

840776

11  
h-index

794594

19  
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35  
all docs

35  
docs citations

35  
times ranked

210  
citing authors

| #  | ARTICLE                                                                                                                                                                                       | IF  | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Single Range Data-Based Clutter Suppression Method for Multichannel SAR. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.                                                           | 3.1 | 3         |
| 2  | Fast Approach for SAR Imaging of Ground Moving Target With Doppler Ambiguity Based on 2-D SCFT and IRFCCF. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.                         | 3.1 | 5         |
| 3  | Time-Varying RFI Mitigation for SAR Systems via Graph Laplacian Clustering Techniques. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.                                             | 3.1 | 6         |
| 4  | A Novel ISAR Imaging Approach for Maneuvering Targets With Satellite-Borne Platform. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.                                               | 3.1 | 3         |
| 5  | SAR Raw Data Simulation for Fluctuant Terrain: A New Shadow Judgment Method and Simulation Result Evaluation Framework. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-18.   | 6.3 | 6         |
| 6  | Detection and fast motion parameter estimation for target with range walk effect based on new axis rotation moving target detection. , 2022, 120, 103274.                                     |     | 9         |
| 7  | A coherent signal beamforming technique based on sub-array cross correlation. , 2022, 121, 103291.                                                                                            |     | 1         |
| 8  | HRWS SAR Narrowband Interference Mitigation Using Low-Rank Recovery and Image-Domain Sparse Regularization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.               | 6.3 | 27        |
| 9  | Corrections to "An Improved Map-Drift Algorithm for Unmanned Aerial Vehicle SAR Imaging" IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-1.                                           | 3.1 | 0         |
| 10 | An Efficient Radio Frequency Interference Mitigation Algorithm in Real Synthetic Aperture Radar Data. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12.                     | 6.3 | 24        |
| 11 | Curvilinear Flight Synthetic Aperture Radar (CF-SAR): Principles, Methods, Applications, Challenges and Trends. Remote Sensing, 2022, 14, 2983.                                               | 4.0 | 4         |
| 12 | Fast Approach for SAR Imaging of Ground-Based Moving Targets Based on Range Azimuth Joint Processing. Remote Sensing, 2022, 14, 2965.                                                         | 4.0 | 2         |
| 13 | Diverse-Region Hyperspectral Image Classification via Superpixelwise Graph Convolution Technique. Remote Sensing, 2022, 14, 2907.                                                             | 4.0 | 3         |
| 14 | An Improved Map-Drift Algorithm for Unmanned Aerial Vehicle SAR Imaging. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1-5.                                                           | 3.1 | 27        |
| 15 | Robust detection and motion parameter estimation for weak maneuvering target in the alpha-stable noise environment. , 2021, 108, 102885.                                                      |     | 9         |
| 16 | Refocusing of Ground Moving Targets with Doppler Ambiguity Using Keystone Transform and Modified Second-Order Keystone Transform for Synthetic Aperture Radar. Remote Sensing, 2021, 13, 177. | 4.0 | 17        |
| 17 | Efficient Ground Moving Target Imaging Method for Synthetic Aperture Radar With Target Azimuth Ambiguity. IEEE Sensors Journal, 2021, 21, 23297-23307.                                        | 4.7 | 6         |
| 18 | Complicated Interference Identification via Machine Learning Methods. , 2021, , .                                                                                                             |     | 5         |

| #  | ARTICLE                                                                                                                                                                                                                 | IF  | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | An Efficient Graph-Based Algorithm for Time-Varying Narrowband Interference Suppression on SAR System. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 8418-8432.                                 | 6.3 | 30        |
| 20 | An Efficient Ground Manoeuvring Target Refocusing Method Based on Principal Component Analysis and Motion Parameter Estimation. <i>Remote Sensing</i> , 2020, 12, 378.                                                  | 4.0 | 2         |
| 21 | Reweighted Tensor Factorization Method for SAR Narrowband and Wideband Interference Mitigation Using Smoothing Multiview Tensor Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 3298-3313. | 6.3 | 60        |
| 22 | Application of LFM-CPM signal into a DFRC system based on circulating code array. , 2020, 101, 102712.                                                                                                                  |     | 5         |
| 23 | Clutter Subspace Based Contaminated Sample Detecting Method for Arbitrary Antenna Array. , 2020, , .                                                                                                                    |     | 0         |
| 24 | A Novel SAR Image Domain-Ground Moving Target Imaging Method. , 2020, , .                                                                                                                                               |     | 1         |
| 25 | Ground Moving Target Imaging Based on MSOKT and KT for Synthetic Aperture Radar. , 2020, , .                                                                                                                            |     | 1         |
| 26 | Density-Based Vehicle Detection Approach for Automotive Millimeter-Wave Radar. , 2020, , .                                                                                                                              |     | 8         |
| 27 | A Doppler Ambiguity Tolerated Method for Radar Sensor Maneuvering Target Focusing and Detection. <i>IEEE Sensors Journal</i> , 2019, 19, 6691-6704.                                                                     | 4.7 | 12        |
| 28 | Ground moving target focusing and motion parameter estimation method via MSOKT for synthetic aperture radar. <i>IET Signal Processing</i> , 2019, 13, 528-537.                                                          | 1.5 | 16        |
| 29 | Efficient Algorithm for SAR Refocusing of Ground Fast-Maneuvering Targets. <i>Remote Sensing</i> , 2019, 11, 2214.                                                                                                      | 4.0 | 5         |
| 30 | Non-adaptive space-time clutter canceller for multi-channel synthetic aperture radar. <i>IET Signal Processing</i> , 2019, 13, 472-479.                                                                                 | 1.5 | 7         |
| 31 | Simultaneous Narrowband and Wideband Interference Suppression on Single-Channel SAR System via Low-Rank Recovery. , 2019, , .                                                                                           |     | 2         |
| 32 | General range model for multi-channel SAR/GMTI with curvilinear flight trajectory. <i>Electronics Letters</i> , 2019, 55, 111-112.                                                                                      | 1.0 | 11        |
| 33 | Micro-Doppler Curves Extraction and Parameters Estimation for Cone-Shaped Target With Occlusion Effect. <i>IEEE Sensors Journal</i> , 2018, 18, 2892-2902.                                                              | 4.7 | 32        |
| 34 | Ground Moving Target Imaging and Analysis for Near-Space Hypersonic Vehicle-Borne Synthetic Aperture Radar System with Squint Angle. <i>Remote Sensing</i> , 2018, 10, 1966.                                            | 4.0 | 30        |
| 35 | Robust image similarity metric method for SAR images. <i>Electronics Letters</i> , 0, , .                                                                                                                               | 1.0 | 0         |