# Mi Wang

List of Publications by Year
in descending order

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| | | 394421 | 434195 |
|---|---|---|---|
| 65 | 1,186 | 19 | 31 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 65 | 65 | 65 | 944 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Capturing Small, Fast-Moving Objects: Frame Interpolation via Recurrent Motion Enhancement. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 3390-3406. | 8.3 | 14 |
| 2 | MINet: Multilevel Inheritance Network-Based Aerial Scene Classification. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 4 |
| 3 | Dual-Pathway Change Detection Network Based on the Adaptive Fusion Module. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 0 |
| 4 | Semantic Segmentation for Remote Sensing Images Based on Adaptive Feature Selection Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 3.1 | 13 |
| 5 | Jitter Detection Method Based on Sequence CMOS Images Captured by Rolling Shutter Mode for High-Resolution Remote Sensing Satellite. Remote Sensing, 2022, 14, 342. | 4.0 | 1 |
| 6 | Multi-Oriented Object Detection in High-Resolution Remote Sensing Imagery Based on Convolutional Neural Networks with Adaptive Object Orientation Features. Remote Sensing, 2022, 14, 950. | 4.0 | 10 |
| 7 | Cotton Cultivated Area Extraction Based on Multi-Feature Combination and CSSDI under Spatial Constraint. Remote Sensing, 2022, 14, 1392. | 4.0 | 1 |
| 8 | Robust Correction of Relative Geometric Errors Among GaoFen-7 Regional Stereo Images Based on Posteriori Compensation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3224-3234. | 4.9 | 4 |
| 9 | Smoothing Filter-Based Panchromatic Spectral Decomposition for Multispectral and Hyperspectral Image Pansharpening. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 3612-3625. | 4.9 | 5 |
| 10 | Vehicle Counting in Very Low-Resolution Aerial Images via Cross-Resolution Spatial Consistency and Intraresolution Time Continuity. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13. | 6.3 | 5 |
| 11 | Chinaâ€™s high-resolution optical remote sensing satellites and their mapping applications. Geo-Spatial Information Science, 2021, 24, 85-94. | 5.3 | 49 |
| 12 | Jitter Detection and Image Restoration Based on Continue Dynamic Shooting Model for High-Resolution TDI CCD Satellite Images. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 4915-4933. | 6.3 | 4 |
| 13 | Dual-Task Semantic Change Detection for Remote Sensing Images Using the Generative Change Field Module. Remote Sensing, 2021, 13, 3336. | 4.0 | 19 |
| 14 | Near Real-Time Automatic Sub-Pixel Registration of Panchromatic and Multispectral Images for Pan-Sharpening. Remote Sensing, 2021, 13, 3674. | 4.0 | 7 |
| 15 | SAR Image Change Detection via Spatial Metric Learning With an Improved Mahalanobis Distance. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 77-81. | 3.1 | 14 |
| 16 | Object Detection in High Resolution Remote Sensing Imagery Based on Convolutional Neural Networks With Suitable Object Scale Features. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 2104-2114. | 6.3 | 73 |
| 17 | Atmospheric Refraction Calibration of Geometric Positioning for Optical Remote Sensing Satellite. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 2130-2134. | 3.1 | 10 |
| 18 | Lightweight convolutional neural network for bitemporal SAR image change detection. Journal of Applied Remote Sensing, 2020, 14, 1. | 1.3 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Spatio-temporal variations and trends of MODIS C6.1 Dark Target and Deep Blue merged aerosol optical depth over China during 2000â€“2017. Atmospheric Environment, 2019, 214, 116846. | 4.1 | 23 |
| 20 | Image Fusion for High-Resolution Optical Satellites Based on Panchromatic Spectral Decomposition. Sensors, 2019, 19, 2619. | 3.8 | 2 |
| 21 | Superresolution of Single Gaofen-4 Visible-Light and Near-Infrared (VNIR) Image Based on Texture Image Extraction. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 2654-2662. | 4.9 | 1 |
| 22 | Parameters determination and sensor correction method based on virtual CMOS with distortion for the GaoFen6 WFV camera. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 156, 51-62. | 11.1 | 22 |
| 23 | Selection of the Optimal Spectral Resolution for the Cadmium-Lead Cross Contamination Diagnosing Based on the Hyperspectral Reflectance of Rice Canopy. Sensors, 2019, 19, 3889. | 3.8 | 5 |
| 24 | How Can Despeckling and Structural Features Benefit to Change Detection on Bitemporal SAR Images?. Remote Sensing, 2019, 11, 421. | 4.0 | 14 |
| 25 | An Improved Jitter Detection Method Based on Parallax Observation of Multispectral Sensors for Gaofen-1 02/03/04 Satellites. Remote Sensing, 2019, 11, 16. | 4.0 | 16 |
| 26 | Jitter compensation of ZiYuan-3 satellite imagery based on object point coincidence. International Journal of Remote Sensing, 2019, 40, 6116-6133. | 2.9 | 5 |
| 27 | Removal of Large-Scale Stripes Via Unidirectional Multiscale Decomposition. Remote Sensing, 2019, 11, 2472. | 4.0 | 1 |
| 28 | Imbalanced Learning-Based Automatic SAR Images Change Detection by Morphologically Supervised PCA-Net. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 554-558. | 3.1 | 35 |
| 29 | Large-Scale Planar Block Adjustment of GaoFen1 WFV Images Covering Most of Mainland China. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1368-1379. | 6.3 | 8 |
| 30 | Relative Geometric Refinement of Patch Images Without Use of Ground Control Points for the Geostationary Optical Satellite GaoFen4. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 474-484. | 6.3 | 10 |
| 31 | Geometric Accuracy Analysis for GaoFen3 Stereo Pair Orientation. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 92-96. | 3.1 | 12 |
| 32 | Embedded GPU implementation of sensor correction for on-board real-time stream computing of high-resolution optical satellite imagery. Journal of Real-Time Image Processing, 2018, 15, 565-581. | 3.5 | 11 |
| 33 | Optimal Segmentation of High-Resolution Remote Sensing Image by Combining Superpixels With the Minimum Spanning Tree. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 228-238. | 6.3 | 59 |
| 34 | Side-Slither Data-Based Vignetting Correction of High-Resolution Spaceborne Camera with Optical Focal Plane Assembly. Sensors, 2018, 18, 3402. | 3.8 | 7 |
| 35 | A Relative Radiometric Calibration Method Based on the Histogram of Side-Slither Data for High-Resolution Optical Satellite Imagery. Remote Sensing, 2018, 10, 381. | 4.0 | 14 |
| 36 | A New On-Orbit Geometric Self-Calibration Approach for the High-Resolution Geostationary Optical Satellite GaoFen4. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 1670-1683. | 4.9 | 31 |

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|---|---|---|---|
| 37 | On-orbit geometric calibration and geometric quality assessment for the high-resolution geostationary optical satellite GaoFen4. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 125, 63-77. | 11.1 | 63 |
| 38 | Image jitter detection and compensation using a high-frequency angular displacement method for Yaogan-26 remote sensing satellite. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 130, 32-43. | 11.1 | 33 |
| 39 | Large-scale block adjustment without use of ground control points based on the compensation of geometric calibration for ZY-3 images. ISPRS Journal of Photogrammetry and Remote Sensing, 2017, 134, 1-14. | 11.1 | 41 |
| 40 | Block-and-octave constraint SIFT with multi-thread processing for VHR satellite image matching. Remote Sensing Letters, 2017, 8, 1180-1189. | 1.4 | 6 |
| 41 | A new image mosaicking approach for the multiple camera system of the optical remote sensing satellite GaoFen1. Remote Sensing Letters, 2017, 8, 1042-1051. | 1.4 | 14 |
| 42 | Earth observation brain (EOB): an intelligent earth observation system. Geo-Spatial Information Science, 2017, 20, 134-140. | 5.3 | 38 |
| 43 | Satellite Jitter Estimation and Validation Using Parallax Images. Sensors, 2017, 17, 83. | 3.8 | 24 |
| 44 | Image Mosaicking Approach for a Double-Camera System in the GaoFen2 Optical Remote Sensing Satellite Based on the Big Virtual Camera. Sensors, 2017, 17, 1441. | 3.8 | 21 |
| 45 | On-Ground Processing of Yaogan-24 Remote Sensing Satellite Attitude Data and Verification Using Geometric Field Calibration. Sensors, 2016, 16, 1203. | 3.8 | 7 |
| 46 | Satellite jitter detection and compensation using multispectral imagery. Remote Sensing Letters, 2016, 7, 513-522. | 1.4 | 18 |
| 47 | Improved seeded region growing for detection of water bodies in aerial images. Geo-Spatial Information Science, 2016, 19, 1-8. | 5.3 | 3 |
| 48 | Correction of ZY-3 image distortion caused by satellite jitter via virtual steady reimaging using attitude data. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 119, 108-123. | 11.1 | 55 |
| 49 | A High-accuracy Extraction Algorithm of Planet Centroid Image in Deep-space Autonomous Optical Navigation. Journal of Navigation, 2016, 69, 828-844. | 1.7 | 21 |
| 50 | Unidirectional total variation destriping using difference curvature in MODIS emissive bands. Infrared Physics and Technology, 2016, 75, 1-11. | 2.9 | 16 |
| 51 | On-Orbit Geometric Calibration Model and Its Applications for High-Resolution Optical Satellite Imagery. Remote Sensing, 2014, 6, 4391-4408. | 4.0 | 87 |
| 52 | Inner FoV Stitching of Spaceborne TDI CCD Images Based on Sensor Geometry and Projection Plane in Object Space. Remote Sensing, 2014, 6, 6386-6406. | 4.0 | 26 |
| 53 | Development, application, and prospects for Chinese land observation satellites. Geo-Spatial Information Science, 2014, 17, 102-109. | 5.3 | 26 |
| 54 | CPU/GPU near real-time preprocessing for ZY-3 satellite images: Relative radiometric correction, MTF compensation, and geocorrection. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 87, 229-240. | 11.1 | 19 |

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|---|---|---|---|
| 55 | Stream Model-Based Orthorectification in a GPU Cluster Environment. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 2115-2119. | 3.1 | 8 |
| 56 | Seamline Determination Based on Segmentation for Urban Image Mosaicking. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1335-1339. | 3.1 | 29 |
| 57 | Building detection in high resolution satellite urban image using segmentation, corner detection combined with adaptive windowed Hough Transform. , 2013, , . | | 14 |
| 58 | An automatic accuracy evaluation approach of band registration for multi-spectral imagery. , 2013, , . | | 0 |
| 59 | A Weighted Image Fusion Approach Based on Multiple Wavelet Transformations. , 2011, , . | | 1 |
| 60 | Parallel Band-to-Band Registration for HJ-1A1B CCD Images Using OpenMP. , 2011, , . | | 6 |
| 61 | A seam-line optimized method based on difference image and gradient image. , 2011, , . | | 7 |
| 62 | Epipolar arrangement of satellite imagery by projection trajectory simplification. Photogrammetric Record, 2010, 25, 422-436. | 0.4 | 10 |
| 63 | Automatic Generation of Seamline Network Using Area Voronoi Diagrams With Overlap. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 1737-1744. | 6.3 | 64 |
| 64 | Repair approach for DMC images based on hierarchical location using edge curve. Science in China Series F: Information Sciences, 2009, 52, 23-31. | 1.1 | 1 |
| 65 | A method of removing the uneven illumination phenomenon for optical remote sensing image. , 0, , . | | 10 |