

# Wanshou Jiang

## List of Publications by Year in descending order

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43  
papers

995  
citations

516710

16  
h-index

434195

31  
g-index

43  
all docs

43  
docs citations

43  
times ranked

873  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unmanned Aerial Vehicle-Based Photogrammetric 3D Mapping: A survey of techniques, applications, and challenges. IEEE Geoscience and Remote Sensing Magazine, 2022, 10, 135-171.	9.6	28
2	MaskNet++: Inlier/outlier identification for two point clouds. Computers and Graphics, 2022, 103, 90-100.	2.5	7
3	Building Height Extraction from GF-7 Satellite Images Based on Roof Contour Constrained Stereo Matching. Remote Sensing, 2022, 14, 1566.	4.0	17
4	Leveraging vocabulary tree for simultaneous match pair selection and guided feature matching of UAV images. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 187, 273-293.	11.1	8
5	HMSM-Net: Hierarchical multi-scale matching network for disparity estimation of high-resolution satellite stereo images. ISPRS Journal of Photogrammetry and Remote Sensing, 2022, 188, 314-330.	11.1	13
6	CAISOV: Collinear Affine Invariance and Scale-Orientation Voting for Reliable Feature Matching. Remote Sensing, 2022, 14, 3175.	4.0	1
7	Boundary-Assisted Learning for Building Extraction from Optical Remote Sensing Imagery. Remote Sensing, 2021, 13, 760.	4.0	26
8	Semantic Segmentation of Aerial Imagery via Split-Attention Networks with Disentangled Nonlocal and Edge Supervision. Remote Sensing, 2021, 13, 1176.	4.0	13
9	Learned Local Features for Structure From Motion of UAV Images: A Comparative Evaluation. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 10583-10597.	4.9	7
10	Accelerated Multi-View Stereo for 3D Reconstruction of Transmission Corridor with Fine-Scale Power Line. Remote Sensing, 2021, 13, 4097.	4.0	6
11	Camera Self-Calibration with GNSS Constrained Bundle Adjustment for Weakly Structured Long Corridor UAV Images. Remote Sensing, 2021, 13, 4222.	4.0	6
12	Disparity Estimation of High-Resolution Remote Sensing Images with Dual-Scale Matching Network. Remote Sensing, 2021, 13, 5050.	4.0	7
13	A Ridgeline-Based Terrain Co-registration for Satellite LiDAR Point Clouds in Rough Areas. Remote Sensing, 2020, 12, 2163.	4.0	1
14	Efficient structure from motion for large-scale UAV images: A review and a comparison of SfM tools. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 167, 230-251.	11.1	130
15	Reliable and Efficient UAV Image Matching via Geometric Constraints Structured by Delaunay Triangulation. Remote Sensing, 2020, 12, 3390.	4.0	10
16	A Model-Driven Method for Pylon Reconstruction from Oblique UAV Images. Sensors, 2020, 20, 824.	3.8	11
17	Geometric Accuracy Improvement Method for High-Resolution Optical Satellite Remote Sensing Imagery Combining Multi-Temporal SAR Imagery and GLAS Data. Remote Sensing, 2020, 12, 568.	4.0	5
18	Efficient match pair selection for oblique UAV images based on adaptive vocabulary tree. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 61-75.	11.1	15

#	ARTICLE	IF	CITATIONS
19	Using Training Samples Retrieved from a Topographic Map and Unsupervised Segmentation for the Classification of Airborne Laser Scanning Data. <i>Remote Sensing</i> , 2020, 12, 877.	4.0	5
20	3D Surface Matching by a Voxel-Based Buffer-Weighted Binary Descriptor. <i>IEEE Access</i> , 2019, 7, 86635-86650.	4.2	10
21	Reliable image matching via photometric and geometric constraints structured by Delaunay triangulation. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 153, 1-20.	11.1	26
22	GPVC: Graphics Pipeline-Based Visibility Classification for Texture Reconstruction. <i>Remote Sensing</i> , 2018, 10, 1725.	4.0	1
23	A Novel Method for High-Voltage Bundle Conductor Reconstruction from Airborne LiDAR Data. <i>Remote Sensing</i> , 2018, 10, 2051.	4.0	15
24	Segmentation and Multi-Scale Convolutional Neural Network-Based Classification of Airborne Laser Scanner Data. <i>Sensors</i> , 2018, 18, 3347.	3.8	45
25	Efficient SfM for Oblique UAV Images: From Match Pair Selection to Geometrical Verification. <i>Remote Sensing</i> , 2018, 10, 1246.	4.0	29
26	Hierarchical motion consistency constraint for efficient geometrical verification in UAV stereo image matching. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 142, 222-242.	11.1	23
27	Efficient structure from motion for oblique UAV images based on maximal spanning tree expansion. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2017, 132, 140-161.	11.1	38
28	UAV-Based Oblique Photogrammetry for Outdoor Data Acquisition and Offsite Visual Inspection of Transmission Line. <i>Remote Sensing</i> , 2017, 9, 278.	4.0	92
29	HRTT: A Hierarchical Roof Topology Structure for Robust Building Roof Reconstruction from Point Clouds. <i>Remote Sensing</i> , 2017, 9, 354.	4.0	13
30	On-Board GNSS/IMU Assisted Feature Extraction and Matching for Oblique UAV Images. <i>Remote Sensing</i> , 2017, 9, 813.	4.0	32
31	A Convolutional Neural Network-Based 3D Semantic Labeling Method for ALS Point Clouds. <i>Remote Sensing</i> , 2017, 9, 936.	4.0	73
32	A Heuristic Method for Power Pylon Reconstruction from Airborne LiDAR Data. <i>Remote Sensing</i> , 2017, 9, 1172.	4.0	17
33	Investigation on the Weighted RANSAC Approaches for Building Roof Plane Segmentation from LiDAR Point Clouds. <i>Remote Sensing</i> , 2016, 8, 5.	4.0	92
34	Epipolar Rectification with Minimum Perspective Distortion for Oblique Images. <i>Sensors</i> , 2016, 16, 1870.	3.8	3
35	High-Precision Attitude Post-Processing and Initial Verification for the ZY-3 Satellite. <i>Remote Sensing</i> , 2015, 7, 111-134.	4.0	27
36	High-Precision Attitude Post-Processing and Initial Verification for the ZY-3 Satellite. <i>Remote Sensing</i> , 2015, 7, 111-134.	4.0	0

#	ARTICLE	IF	CITATIONS
37	A global optimization approach to roof segmentation from airborne lidar point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2014, 94, 183-193.	11.1	72
38	SAR image denoising in nonsubsamped contourlet transform domain based on maximum a posteriori and non-local constraint. Remote Sensing Letters, 2013, 4, 270-278.	1.4	8
39	Image fusion based on modulation method with resolution degradation and interpolation. , 2011, , .		0
40	Semi-Supervised Classification based on Gaussian Mixture Model for remote imagery. Science China Technological Sciences, 2010, 53, 85-90.	4.0	7
41	OpenRS-Cloud: A remote sensing image processing platform based on cloud computing environment. Science China Technological Sciences, 2010, 53, 221-230.	4.0	46
42	An improved Douglas-Peucker algorithm for fast curve approximation. , 2010, , .		9
43	Production and characteristics of Sensor Corrected and geocoded ellipsoid corrected products. , 2010, , .		1