

# Wen Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9537799/publications.pdf>

Version: 2024-02-01

22  
papers

668  
citations

759233

12  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geoinformatics for the conservation and promotion of cultural heritage in support of the UN Sustainable Development Goals. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 142, 389-406.	11.1	101
2	Vehicle Tracking and Speed Estimation From Roadside Lidar. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5597-5608.	4.9	80
3	Street environment change detection from mobile laser scanning point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 107, 38-49.	11.1	62
4	Street-side vehicle detection, classification and change detection using mobile laser scanning data. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 114, 166-178.	11.1	57
5	Automatic 3-D Reconstruction of Indoor Environment With Mobile Laser Scanning Point Clouds. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2019, 12, 3117-3130.	4.9	49
6	Automatic Extraction of High-Voltage Power Transmission Objects from UAV Lidar Point Clouds. Remote Sensing, 2019, 11, 2600.	4.0	48
7	Mean Shift Segmentation Assessment for Individual Forest Tree Delineation from Airborne Lidar Data. Remote Sensing, 2019, 11, 1263.	4.0	45
8	Individual Tree Crown Modeling and Change Detection From Airborne Lidar Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2016, 9, 3467-3477.	4.9	39
9	Automatic registration of panoramic image sequence and mobile laser scanning data using semantic features. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 136, 41-57.	11.1	36
10	Share Our Cultural Heritage (SOCH): Worldwide 3D Heritage Reconstruction and Visualization via Web and Mobile GIS. ISPRS International Journal of Geo-Information, 2018, 7, 360.	2.9	34
11	SensatUrban: Learning Semantics from Urban-Scale Photogrammetric Point Clouds. International Journal of Computer Vision, 2022, 130, 316-343.	15.6	34
12	UAV-Based Photogrammetry and LiDAR for the Characterization of Ice Morphology Evolution. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 4188-4199.	4.9	19
13	Towards an End-to-End Framework of CCTV-Based Urban Traffic Volume Detection and Prediction. Sensors, 2021, 21, 629.	3.8	12
14	Building change detection in very high-resolution remote sensing image based on pseudo-orthorectification. International Journal of Remote Sensing, 2021, 42, 2686-2705.	2.9	10
15	SIMULTANEOUS DETECTION AND TRACKING OF PEDESTRIAN FROM PANORAMIC LASER SCANNING DATA. ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences, 0, III-3, 295-302.	0.0	10
16	Change detection of trees in urban areas using multi-temporal airborne lidar point clouds. Proceedings of SPIE, 2012, , .	0.8	9
17	Optimizing Moving Object Trajectories from Roadside Lidar Data by Joint Detection and Tracking. Remote Sensing, 2022, 14, 2124.	4.0	8
18	A Flexible, Generic Photogrammetric Approach to Zoom Lens Calibration. Remote Sensing, 2017, 9, 244.	4.0	6

#	ARTICLE	IF	CITATIONS
19	Resurrecting the Lost Vehicle Trajectories of Treiterer and Myers with New Insights into a Controversial Hysteresis. <i>Transportation Research Record</i> , 2018, 2672, 25-38.	1.9	4
20	Geo-Enabled Sustainable Municipal Energy Planning for Comprehensive Accessibility: A Case in the New Federal Context of Nepal. <i>ISPRS International Journal of Geo-Information</i> , 2022, 11, 304.	2.9	3
21	A discovery about the positional distribution pattern among candidate homologous pixels and its potential application in aerial multi-view image matching. <i>Scientific Reports</i> , 2021, 11, 10161.	3.3	2
22	Automatic Registration of Mobile Mapping System Lidar Points and Panoramic-Image Sequences by Relative Orientation Model. <i>Photogrammetric Engineering and Remote Sensing</i> , 2021, 87, 913-922.	0.6	0