

# 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	SensatUrban: Learning Semantics from Urban-Scale Photogrammetric Point Clouds. International Journal of Computer Vision, 2022, 130, 316-343.	15.6	34
2	Optimizing Moving Object Trajectories from Roadside Lidar Data by Joint Detection and Tracking. Remote Sensing, 2022, 14, 2124.	4.0	8
3	Geo-Enabled Sustainable Municipal Energy Planning for Comprehensive Accessibility: A Case in the New Federal Context of Nepal. ISPRS International Journal of Geo-Information, 2022, 11, 304.	2.9	3
4	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
5	Towards an End-to-End Framework of CCTV-Based Urban Traffic Volume Detection and Prediction. Sensors, 2021, 21, 629.	3.8	12
6	A discovery about the positional distribution pattern among candidate homologous pixels and its potential application in aerial multi-view image matching. Scientific Reports, 2021, 11, 10161.	3.3	2
7	Automatic Registration of Mobile Mapping System Lidar Points and Panoramic-Image Sequences by Relative Orientation Model. Photogrammetric Engineering and Remote Sensing, 2021, 87, 913-922.	0.6	0
8	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
9	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
10	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
11	Mean Shift Segmentation Assessment for Individual Forest Tree Delineation from Airborne Lidar Data. Remote Sensing, 2019, 11, 1263.	4.0	45
12	Automatic Extraction of High-Voltage Power Transmission Objects from UAV Lidar Point Clouds. Remote Sensing, 2019, 11, 2600.	4.0	48
13	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
14	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
15	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
16	Resurrecting the Lost Vehicle Trajectories of Treiterer and Myers with New Insights into a Controversial Hysteresis. Transportation Research Record, 2018, 2672, 25-38.	1.9	4
17	A Flexible, Generic Photogrammetric Approach to Zoom Lens Calibration. Remote Sensing, 2017, 9, 244.	4.0	6
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Street environment change detection from mobile laser scanning point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 107, 38-49.	11.1	62
21	Change detection of trees in urban areas using multi-temporal airborne lidar point clouds. Proceedings of SPIE, 2012, , .	0.8	9
22	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