Zhizhong Kang

List of Publications by Year
in descending order

32 papers	520 citations	687363 13 h-index	677142 22 g-index
36 all docs	36 docs citations	36 times ranked	541 citing authors

#	Article	IF	Citations
1	Reconstruction of Power Pylons From LiDAR Point Clouds Based on Structural Segmentation and Parameter Estimation. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	0
2	Antarctic-Scale Ice Flow Lines Map Generation and Basin Delineation. Remote Sensing, 2022, 14, 1958.	4.0	0
3	A Laboratory Open-Set Martian Rock Classification Method Based on Spectral Signatures. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	4
4	A Semiautomatic Registration Method for Chang'E-1 IIM Imagery Based on Globally Geo-Reference LROC-WAC Mosaic Imagery. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 543-547.	3.1	2
5	A Label-Constraint Building Roof Detection Method From Airborne LiDAR Point Clouds. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 1466-1470.	3.1	3
6	Semantics-guided reconstruction of indoor navigation elements from 3D colorized points. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 173, 238-261.	11.1	17
7	Fisher Vector Encoding of Supervoxel-Based Features for Airborne LiDAR Data Classification. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 504-508.	3.1	5
8	Thermophysical Features of the Rümker Region in Northern Oceanus Procellarum: Insights from CE-2 CELMS Data. Remote Sensing, 2020, 12, 3272.	4.0	10
9	A Review of Techniques for 3D Reconstruction of Indoor Environments. ISPRS International Journal of Geo-Information, 2020, 9, 330.	2.9	81
10	An Individual Tree Segmentation Method Based on Watershed Algorithm and Three-Dimensional Spatial Distribution Analysis From Airborne LiDAR Point Clouds. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 1055-1067.	4.9	57
11	Improved multi-scale image matching approach for monitoring Amery ice shelf velocity using Landsat 8. European Journal of Remote Sensing, 2019, 52, 56-72.	3.5	5
12	Bayesian network-based extraction of lunar impact craters from optical images and DEM data. Advances in Space Research, 2019, 63, 3721-3737.	2.6	5
13	Coarse-to-Fine Extraction of Small-Scale Lunar Impact Craters From the CCD Images of the Chang'E Lunar Orbiters. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 181-193.	6.3	19
14	A Skeleton-Based Hierarchical Method for Detecting 3-D Pole-Like Objects From Mobile LiDAR Point Clouds. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 801-805.	3.1	19
15	Automatic Recognition of Pole-Like Objects from Mobile Laser Scanning Point Clouds. Remote Sensing, 2018, 10, 1891.	4.0	18
16	Voxel-Based Extraction and Classification of 3-D Pole-Like Objects From Mobile LiDAR Point Cloud Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4287-4298.	4.9	36
17	Voxel-Based Extraction of Transmission Lines From Airborne LiDAR Point Cloud Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3892-3904.	4.9	42
18	A probabilistic graphical model for the classification of mobile LiDAR point clouds. ISPRS Journal of Photogrammetry and Remote Sensing, 2018, 143, 108-123.	11.1	38

#	Article	IF	Citations
19	Recognition of landslides in lunar impact craters. European Journal of Remote Sensing, 2018, 51, 47-61.	3.5	12
20	A Bayesian-Network-Based Classification Method Integrating Airborne LiDAR Data With Optical Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 1651-1661.	4.9	30
21	The applications of robust estimation method BaySAC in indoor point cloud processing. Geo-Spatial Information Science, 2016, 19, 182-187.	5.3	2
22	An Efficient Planar Feature Fitting Method Using Point Cloud Simplification and Threshold-Independent BaySAC. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 1842-1846.	3.1	12
23	Primitive Fitting Based on the Efficient multiBaySAC Algorithm. PLoS ONE, 2015, 10, e0117341.	2.5	13
24	Automatic Extraction and Identification of Lunar Impact Craters Based on Optical Data and DEMs Acquired by the Chang€™E Satellites. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2015, 8, 4751-4761.	4.9	17
25	Global Registration of Subway Tunnel Point Clouds Using an Augmented Extended Kalman Filter and Central-Axis Constraint. PLoS ONE, 2015, 10, e0126862.	2.5	4
26	An Optimized BaySAC Algorithm for Efficient Fitting of Primitives in Point Clouds. IEEE Geoscience and Remote Sensing Letters, 2014, 11, 1096-1100.	3.1	14
27	Fast and dynamic generation of linear octrees for geological bodies under hardware acceleration. Science China Earth Sciences, 2010, 53, 113-119.	5.2	2
28	An efficient rendering method for large vector data on large terrain models. Science China Information Sciences, 2010, 53, 1122-1129.	4.3	15
29	An automatic mosaicking method for building facade texture mapping using a monocular close-range image sequence. ISPRS Journal of Photogrammetry and Remote Sensing, 2010, 65, 282-293.	11.1	16
30	Adaptive multi-resolution labeling in virtual landscapes. International Journal of Geographical Information Science, 2010, 24, 949-964.	4.8	6
31	A methodology for 3D modeling and visualization of geological objects. Science in China Series D: Earth Sciences, 2009, 52, 1022-1029.	0.9	10
32	Web-based visualization of spatial objects in 3DGIS. Science in China Series F: Information Sciences, 2009, 52, 1588-1597.	1.1	6