Mingqiang Guo

List of Publications by Year
in descending order

26 papers	341 citations	933447 10 h-index	839539 18 g-index
26 all docs	26 docs citations	26 times ranked	256 citing authors

#	Article	IF	Citations
1	Building Extraction Based on U-Net with an Attention Block and Multiple Losses. Remote Sensing, 2020, 12, 1400.	4.0	92
2	ME-Net: A Deep Convolutional Neural Network for Extracting Mangrove Using Sentinel-2A Data. Remote Sensing, 2021, 13, 1292.	4.0	37
3	A Knowledge-Driven Geospatially Enabled Framework for Geological Big Data. ISPRS International Journal of Geo-Information, 2017, 6, 166.	2.9	27
4	A spatially adaptive decomposition approach for parallel vector data visualization of polylines and polygons. International Journal of Geographical Information Science, 2015, 29, 1419-1440.	4.8	20
5	Optimizing Cruising Routes for Taxi Drivers Using a Spatio-Temporal Trajectory Model. ISPRS International Journal of Geo-Information, 2017, 6, 373.	2.9	20
6	A Spatial Adaptive Algorithm Framework for Building Pattern Recognition Using Graph Convolutional Networks. Sensors, 2019, 19, 5518.	3.8	17
7	Spatiotemporal Big Data for PM2.5 Exposure and Health Risk Assessment during COVID-19. International Journal of Environmental Research and Public Health, 2020, 17, 7664.	2.6	17
8	NDSRGAN: A Novel Dense Generative Adversarial Network for Real Aerial Imagery Super-Resolution Reconstruction. Remote Sensing, 2022, 14, 1574.	4.0	15
9	A novel truncated nonconvex nonsmooth variational method for SAR image despeckling. Remote Sensing Letters, 2021, 12, 122-131.	1.4	13
10	A universal parallel scheduling approach to polyline and polygon vector data buffer analysis on conventional GIS platforms. Transactions in GIS, 2020, 24, 1630-1654.	2.3	11
11	Road intersection identification from crowdsourced big trace data using Mask‐RCNN. Transactions in GIS, 2022, 26, 278-296.	2.3	10
12	A Geospatial Information Grid Framework for Geological Survey. PLoS ONE, 2015, 10, e0145312.	2.5	9
13	An efficient data organization and scheduling strategy for accelerating large vector data rendering. Transactions in GIS, 2017, 21, 1217-1236.	2.3	9
14	Mesh Denoising via Adaptive Consistent Neighborhood. Sensors, 2021, 21, 412.	3.8	8
15	A balanced decomposition approach to real-time visualization of large vector maps in CyberGIS. Frontiers of Computer Science, 2015, 9, 442-455.	2.4	7
16	Deep learning framework for geological symbol detection on geological maps. Computers and Geosciences, 2021, 157, 104943.	4.2	6
17	A Task-Oriented Knowledge Base for Geospatial Problem-Solving. ISPRS International Journal of Geo-Information, 2018, 7, 423.	2.9	5
18	CDANet: Contextual Detail-Aware Network for High-Spatial-Resolution Remote-Sensing Imagery Shadow Detection. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	5

#	Article	IF	Citations
19	A Robust Rigid Registration Framework of 3D Indoor Scene Point Clouds Based on RGB-D Information. Remote Sensing, 2021, 13, 4755.	4.0	4
20	A framework for the evaluation of roof greening priority. Building and Environment, 2021, 206, 108392.	6.9	2
21	CADNet: Top-Down Contextual Saliency Detection Network for High Spatial Resolution Remote Sensing Image Shadow Detection. , 2021, , .		2
22	Accessibility Assessment of Buildings Based on Multi-Source Spatial Data: Taking Wuhan as a Case Study. ISPRS International Journal of Geo-Information, 2021, 10, 701.	2.9	2
23	Adaptive Unsupervised-Shadow-Detection Approach for Remote-Sensing Image Based on Multichannel Features. Remote Sensing, 2022, 14, 2756.	4.0	2
24	An Efficient Internet Map Tiles Rendering Approach on High Resolution Devices. Journal of Spatial Science, 0, , 1-19.	1.5	1
25	An effective approach to estimating computing time of vector data spatial computational domains in WebGIS. Geomatica, 2017, 71, 21-26.	0.5	0
26	High Order Mesh Denoising via ℓ_{P} -ℓ_{1} Minimization. IEEE Access, 2019, 7, 146989-147000.	4.2	0