

# Liang Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,054  
citations

430874

18  
h-index

434195

31  
g-index

42  
all docs

42  
docs citations

42  
times ranked

985  
citing authors

#	ARTICLE	IF	CITATIONS
1	Few-shot learning for name entity recognition in geological text based on GeoBERT. <i>Earth Science Informatics</i> , 2022, 15, 979-991.	3.2	15
2	Visual analytics and information extraction of geological content for text-based mineral exploration reports. <i>Ore Geology Reviews</i> , 2022, 144, 104818.	2.7	17
3	Optimization Framework for Spatiotemporal Analysis Units Based on Floating Car Data. <i>Remote Sensing</i> , 2022, 14, 2376.	4.0	2
4	Adaptive Unsupervised-Shadow-Detection Approach for Remote-Sensing Image Based on Multichannel Features. <i>Remote Sensing</i> , 2022, 14, 2756.	4.0	2
5	A multi-granularity knowledge association model of geological text based on hypernetwork. <i>Earth Science Informatics</i> , 2021, 14, 227-246.	3.2	7
6	Measuring the Service Capacity of Public Facilities Based on a Dynamic Voronoi Diagram. <i>Remote Sensing</i> , 2021, 13, 1027.	4.0	6
7	Research on the driving forces of urban hot spots based on exploratory analysis and binary logistic regression model. <i>Transactions in GIS</i> , 2021, 25, 1522-1541.	2.3	2
8	Chinese Word Segmentation Based on Self-Learning Model and Geological Knowledge for the Geoscience Domain. <i>Earth and Space Science</i> , 2021, 8, e2021EA001673.	2.6	12
9	WSGAN: An Improved Generative Adversarial Network for Remote Sensing Image Road Network Extraction by Weakly Supervised Processing. <i>Remote Sensing</i> , 2021, 13, 2506.	4.0	17
10	Measuring the similarity of building patterns using Graph Fourier transform. <i>Earth Science Informatics</i> , 2021, 14, 1953-1971.	3.2	3
11	Recognition of Urban Functions and Mixed Use Based on Residents' Movement and Topic Generation Model: The Case of Wuhan, China. <i>Remote Sensing</i> , 2020, 12, 2889.	4.0	15
12	Walkability, Safety, and Housing Values in Shrinking Cities: Spatial Hedonic Study in Buffalo, Pittsburgh, and Detroit. <i>Journal of the Urban Planning and Development Division, ASCE</i> , 2020, 146, .	1.7	13
13	Automatic spatiotemporal and semantic information extraction from unstructured geoscience reports using text mining techniques. <i>Earth Science Informatics</i> , 2020, 13, 1393-1410.	3.2	38
14	Unsupervised Haze Removal for High-Resolution Optical Remote-Sensing Images Based on Improved Generative Adversarial Networks. <i>Remote Sensing</i> , 2020, 12, 4162.	4.0	21
15	Dictionary-Based Automated Information Extraction From Geological Documents Using a Deep Learning Algorithm. <i>Earth and Space Science</i> , 2020, 7, e2019EA000993.	2.6	25
16	An integrated graph Laplacian downsample (IGLD)-based method for DEM generalization. <i>Earth Science Informatics</i> , 2020, 13, 973-987.	3.2	2
17	Discovering the joint influence of urban facilities on crime occurrence using spatial co-location pattern mining. <i>Cities</i> , 2020, 99, 102612.	5.6	35
18	BiLSTM-CRF for geological named entity recognition from the geoscience literature. <i>Earth Science Informatics</i> , 2019, 12, 565-579.	3.2	54

#	ARTICLE	IF	CITATIONS
19	Exploring Multidimensional Spatiotemporal Point Patterns Based on an Improved Affinity Propagation Algorithm. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1988.	2.6	5
20	Synthesizing Data to Explore the Dynamic Spatial Patterns of Hotel Development. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 448.	2.9	3
21	Ontology-based question understanding with the constraint of Spatio-temporal geological knowledge. <i>Earth Science Informatics</i> , 2019, 12, 599-613.	3.2	10
22	GNER: A Generative Model for Geological Named Entity Recognition Without Labeled Data Using Deep Learning. <i>Earth and Space Science</i> , 2019, 6, 931-946.	2.6	37
23	An Intuitionistic Fuzzy Similarity Approach for Clustering Analysis of Polygons. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 98.	2.9	7
24	Public Knowledge about Dementia in China: A National WeChat-Based Survey. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4231.	2.6	32
25	A dengue fever predicting model based on Baidu search index data and climate data in South China. <i>PLoS ONE</i> , 2019, 14, e0226841.	2.5	25
26	Multilane roads extracted from the OpenStreetMap urban road network using random forests. <i>Transactions in GIS</i> , 2019, 23, 224-240.	2.3	20
27	A Task-Oriented Knowledge Base for Geospatial Problem-Solving. <i>ISPRS International Journal of Geo-Information</i> , 2018, 7, 423.	2.9	5
28	DGeoSegmenter: A dictionary-based Chinese word segmenter for the geoscience domain. <i>Computers and Geosciences</i> , 2018, 121, 1-11.	4.2	55
29	A cyclic self-learning Chinese word segmentation for the geoscience domain. <i>Geomatica</i> , 2018, 72, 16-26.	0.5	22
30	Building Extraction in Very High Resolution Remote Sensing Imagery Using Deep Learning and Guided Filters. <i>Remote Sensing</i> , 2018, 10, 144.	4.0	331
31	Locality preserving hashing for fast image search: theory and applications. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 2017, 29, 349-359.	2.8	0
32	Shape similarity measurement model for holed polygons based on position graphs and Fourier descriptors. <i>International Journal of Geographical Information Science</i> , 2017, 31, 253-279.	4.8	27
33	Quality assessment of building footprint data using a deep autoencoder network. <i>International Journal of Geographical Information Science</i> , 2017, 31, 1929-1951.	4.8	42
34	Migration, recombination, and reassortment are involved in the evolution of severe fever with thrombocytopenia syndrome bunyavirus. <i>Infection, Genetics and Evolution</i> , 2017, 47, 109-117.	2.3	54
35	A Knowledge-Driven Geospatially Enabled Framework for Geological Big Data. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 166.	2.9	27
36	Optimizing Cruising Routes for Taxi Drivers Using a Spatio-Temporal Trajectory Model. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 373.	2.9	20

#	ARTICLE	IF	CITATIONS
37	Hierarchical Model for the Similarity Measurement of a Complex Holed-Region Entity Scene. ISPRS International Journal of Geo-Information, 2017, 6, 388.	2.9	4
38	Spatial Analysis of Severe Fever with Thrombocytopenia Syndrome Virus in China Using a Geographically Weighted Logistic Regression Model. International Journal of Environmental Research and Public Health, 2016, 13, 1125.	2.6	27
39	A novel computation method for line-line topological relations based on conformal geometric algebra. , 2015, , .		0
40	A Geospatial Information Grid Framework for Geological Survey. PLoS ONE, 2015, 10, e0145312.	2.5	9
41	Research on Building Polygon Map Generalization Algorithm. , 2007, , .		5
42	An Efficient Internet Map Tiles Rendering Approach on High Resolution Devices. Journal of Spatial Science, 0, , 1-19.	1.5	1