Yingjie Hu

List of Publications by Citations

46 papers	1,328 citations	17 h-index	36 g-index
50 ext. papers	1,684 ext. citations	4.1 avg, IF	4.99 L-index

#	Paper	IF	Citations
46	Evaluating the Ability of NPP-VIIRS Nighttime Light Data to Estimate the Gross Domestic Product and the Electric Power Consumption of China at Multiple Scales: A Comparison with DMSP-OLS Data. *Remote Sensing*, **2014**, 6, 1705-1724	5	345
45	Extracting and understanding urban areas of interest using geotagged photos. *Computers, Environment and Urban Systems*, **2015**, 54, 240-254	5.9	170
44	Poverty Evaluation Using NPP-VIIRS Nighttime Light Composite Data at the County Level in China. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2015**, 8, 1217-1229	4.7	146
43	Estimating House Vacancy Rate in Metropolitan Areas Using NPP-VIIRS Nighttime Light Composite Data. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2015**, 8, 2188-2197	4.7	81
42	Modeling and mapping total freight traffic in China using NPP-VIIRS nighttime light composite data. *GIScience and Remote Sensing*, **2015**, 52, 274-289	4.8	73
41	POI Pulse: A Multi-granular, Semantic Signature–Based Information Observatory for the Interactive Visualization of Big Geosocial Data. *Cartographica*, **2015**, 50, 71-85	0.7	70
40	Spatial signatures for geographic feature types: examining gazetteer ontologies using spatial statistics. *Transactions in GIS*, **2016**, 20, 333-355	2.1	31
39	Extracting and analyzing semantic relatedness between cities using news articles. *International Journal of Geographical Information Science*, **2017**, 31, 2427-2451	4.1	28
38	A natural language processing and geospatial clustering framework for harvesting local place names from geotagged housing advertisements. *International Journal of Geographical Information Science*, **2019**, 33, 714-738	4.1	26
37	Metadata Topic Harmonization and Semantic Search for Linked-Data-Driven Geoportals: A Case Study Using ArcGIS Online. *Transactions in GIS*, **2015**, 19, 398-416	2.1	24
36	A data-synthesis-driven method for detecting and extracting vague cognitive regions. *International Journal of Geographical Information Science*, **2017**, 1-27	4.1	21
35	Geo-text data and data-driven geospatial semantics. *Geography Compass*, **2018**, 12, e12404	2.4	21
34	NeuroTPR: A neuro-net toponym recognition model for extracting locations from social media messages. *Transactions in GIS*, **2020**, 24, 719-735	2.1	19
33	A multistage collaborative 3D GIS to support public participation. *International Journal of Digital Earth*, **2015**, 8, 212-234	3.9	18
32	A Semantic and Sentiment Analysis on Online Neighborhood Reviews for Understanding the Perceptions of People toward Their Living Environments. *Annals of the American Association of Geographers*, **2019**, 109, 1052-1073	2.6	17
31	Things and Strings: Improving Place Name Disambiguation from Short Texts by Combining Entity Co-Occurrence with Topic Modeling. *Lecture Notes in Computer Science*, **2016**, 353-367	0.9	17
30	Fluoroethylamine Engineering for Effective Passivation to Attain 23.4% Efficiency Perovskite Solar Cells with Superior Stability. *Advanced Energy Materials*, **2021**, 11, 2101454	21.8	16

29	Geospatial Semantics **2018**, 80-94		14
28	Understanding the removal of precise geotagging in tweets. *Nature Human Behaviour*, **2020**, 4, 1219-1221	12.8	14
27	ADCN: An anisotropic density-based clustering algorithm for discovering spatial point patterns with noise. *Transactions in GIS*, **2018**, 22, 348-369	2.1	12
26	Prioritizing Disaster Mapping Tasks for Online Volunteers Based on Information Value Theory. *Geographical Analysis*, **2017**, 49, 175-198	2.9	10
25	Improving wikipedia-based place name disambiguation in short texts using structured data from DBpedia **2014**,		10
24	Identifying Urban Neighborhood Names through User-Contributed Online Property Listings. *ISPRS International Journal of Geo-Information*, **2018**, 7, 388	2.9	9
23	Enhancing spatial and textual analysis with EUPEG: An extensible and unified platform for evaluating geoparsers. *Transactions in GIS*, **2019**, 23, 1393-1419	2.1	8
22	GeoAI at ACM SIGSPATIAL. *SIGSPATIAL Special*, **2019**, 11, 5-15	2.3	8
21	Using Semantic Signatures for Social Sensing in Urban Environments **2019**, 31-54		8
20	Artificial Intelligence Approaches. *Geographic Information Science & Technology Body of Knowledge*, **2019**, 2019,	2.7	7
19	Task-oriented information value measurement based on space-time prisms. *International Journal of Geographical Information Science*, **2016**, 30, 1228-1249	4.1	6
18	A Five-Star Guide for Achieving Replicability and Reproducibility When Working with GIS Software and Algorithms. *Annals of the American Association of Geographers*, **2020**, 1-7	2.6	6
17	Aligning geographic entities from historical maps for building knowledge graphs. *International Journal of Geographical Information Science*, **2020**, 1-30	4.1	5
16	Are we there yet? **2019**,		3
15	A geospatial web portal for sharing and analyzing greenhouse gas data derived from satellite remote sensing images. *Frontiers of Earth Science*, **2013**, 7, 295-309	1.7	3
14	Validation of total ozone column derived from OMPS using ground-based spectroradiometer measurements. *Remote Sensing Letters*, **2013**, 4, 937-945	2.3	3
13	A review of location encoding for GeoAI: methods and applications. *International Journal of Geographical Information Science*, 1-35	4.1	3
12	Human mobility data and machine learning reveal geographic differences in alcohol sales and alcohol outlet visits across U.S. states during COVID-19.. *PLoS ONE*, **2021**, 16, e0255757	3.7	3

11	Harvesting Big Geospatial Data from Natural Language Texts **2021**, 487-507		3
10	EUPEG **2018**,		3
9	A solution for the data collection in the field survey based on Mobile and Wireless GIS **2010**,		2
8	A method for representing thematic data in three-dimensional GIS **2010**,		2
7	Cation Engineering for Effective Defect Passivation to Improve Efficiency and Stability of FA0.5MA0.5PbI3 Perovskite Solar Cells. *ACS Applied Energy Materials*, **2021**, 4, 7654-7660	6.1	2
6	Enriching the metadata of map images: a deep learning approach with GIS-based data augmentation. *International Journal of Geographical Information Science*,1-23	4.1	2
5	Pyrenesulfonic Acid Sodium Salt for Effective Bottom-Surface Passivation to Attain High Performance of Perovskite Solar Cells. *Solar Rrl*, **2021**, 5, 2100416	7.1	2
4	Mobile and Wireless GIS Based Upon Independent Development **2010**,		1
3	Amino Acid-Based Low-Dimensional Management for Enhanced Perovskite Solar Cells. *Solar Rrl*,2200168	7.1	1
2	The role of alcohol outlet visits derived from mobile phone location data in enhancing domestic violence prediction at the neighborhood level.. *Health and Place*, **2021**, 73, 102736	4.6	0
1	Harnessing Heterogeneous Big Geospatial Data **2021**, 459-473		