

# Yingjie Hu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	The role of alcohol outlet visits derived from mobile phone location data in enhancing domestic violence prediction at the neighborhood level.. <i>Health and Place</i> , <b>2021</b> , 73, 102736	4.6	0
45	Human mobility data and machine learning reveal geographic differences in alcohol sales and alcohol outlet visits across U.S. states during COVID-19.. <i>PLoS ONE</i> , <b>2021</b> , 16, e0255757	3.7	3
44	Harnessing Heterogeneous Big Geospatial Data <b>2021</b> , 459-473		
43	Harvesting Big Geospatial Data from Natural Language Texts <b>2021</b> , 487-507		3
42	Fluoroethylamine Engineering for Effective Passivation to Attain 23.4% Efficiency Perovskite Solar Cells with Superior Stability. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2101454	21.8	16
41	Cation Engineering for Effective Defect Passivation to Improve Efficiency and Stability of FA0.5MA0.5PbI3 Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 7654-7660	6.1	2
40	Pyrenesulfonic Acid Sodium Salt for Effective Bottom-Surface Passivation to Attain High Performance of Perovskite Solar Cells. <i>Solar Rrl</i> , <b>2021</b> , 5, 2100416	7.1	2
39	NeuroTPR: A neuro-net toponym recognition model for extracting locations from social media messages. <i>Transactions in GIS</i> , <b>2020</b> , 24, 719-735	2.1	19
38	A Five-Star Guide for Achieving Replicability and Reproducibility When Working with GIS Software and Algorithms. <i>Annals of the American Association of Geographers</i> , <b>2020</b> , 1-7	2.6	6
37	Aligning geographic entities from historical maps for building knowledge graphs. <i>International Journal of Geographical Information Science</i> , <b>2020</b> , 1-30	4.1	5
36	Understanding the removal of precise geotagging in tweets. <i>Nature Human Behaviour</i> , <b>2020</b> , 4, 1219-1221	12.8	14
35	A Semantic and Sentiment Analysis on Online Neighborhood Reviews for Understanding the Perceptions of People toward Their Living Environments. <i>Annals of the American Association of Geographers</i> , <b>2019</b> , 109, 1052-1073	2.6	17
34	Enhancing spatial and textual analysis with EUPEG: An extensible and unified platform for evaluating geoparsers. <i>Transactions in GIS</i> , <b>2019</b> , 23, 1393-1419	2.1	8
33	Are we there yet? <b>2019</b> ,		3
32	Artificial Intelligence Approaches. <i>Geographic Information Science &amp; Technology Body of Knowledge</i> , <b>2019</b> , 2019,	2.7	7
31	GeoAI at ACM SIGSPATIAL. <i>SIGSPATIAL Special</i> , <b>2019</b> , 11, 5-15	2.3	8
30	Using Semantic Signatures for Social Sensing in Urban Environments <b>2019</b> , 31-54		8

29	A natural language processing and geospatial clustering framework for harvesting local place names from geotagged housing advertisements. <i>International Journal of Geographical Information Science</i> , <b>2019</b> , 33, 714-738	4.1	26
28	ADCN: An anisotropic density-based clustering algorithm for discovering spatial point patterns with noise. <i>Transactions in GIS</i> , <b>2018</b> , 22, 348-369	2.1	12
27	Geospatial Semantics <b>2018</b> , 80-94		14
26	EUPEG <b>2018</b> ,		3
25	Identifying Urban Neighborhood Names through User-Contributed Online Property Listings. <i>ISPRS International Journal of Geo-Information</i> , <b>2018</b> , 7, 388	2.9	9
24	Geo-text data and data-driven geospatial semantics. <i>Geography Compass</i> , <b>2018</b> , 12, e12404	2.4	21
23	A data-synthesis-driven method for detecting and extracting vague cognitive regions. <i>International Journal of Geographical Information Science</i> , <b>2017</b> , 1-27	4.1	21
22	Extracting and analyzing semantic relatedness between cities using news articles. <i>International Journal of Geographical Information Science</i> , <b>2017</b> , 31, 2427-2451	4.1	28
21	Prioritizing Disaster Mapping Tasks for Online Volunteers Based on Information Value Theory. <i>Geographical Analysis</i> , <b>2017</b> , 49, 175-198	2.9	10
20	Task-oriented information value measurement based on space-time prisms. <i>International Journal of Geographical Information Science</i> , <b>2016</b> , 30, 1228-1249	4.1	6
19	Things and Strings: Improving Place Name Disambiguation from Short Texts by Combining Entity Co-Occurrence with Topic Modeling. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 353-367	0.9	17
18	Spatial signatures for geographic feature types: examining gazetteer ontologies using spatial statistics. <i>Transactions in GIS</i> , <b>2016</b> , 20, 333-355	2.1	31
17	A multistage collaborative 3D GIS to support public participation. <i>International Journal of Digital Earth</i> , <b>2015</b> , 8, 212-234	3.9	18
16	Modeling and mapping total freight traffic in China using NPP-VIIRS nighttime light composite data. <i>GIScience and Remote Sensing</i> , <b>2015</b> , 52, 274-289	4.8	73
15	Extracting and understanding urban areas of interest using geotagged photos. <i>Computers, Environment and Urban Systems</i> , <b>2015</b> , 54, 240-254	5.9	170
14	Estimating House Vacancy Rate in Metropolitan Areas Using NPP-VIIRS Nighttime Light Composite Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2015</b> , 8, 2188-2197	4.7	81
13	POI Pulse: A Multi-granular, Semantic Signature-Based Information Observatory for the Interactive Visualization of Big Geosocial Data. <i>Cartographica</i> , <b>2015</b> , 50, 71-85	0.7	70
12	Metadata Topic Harmonization and Semantic Search for Linked-Data-Driven Geoportals: A Case Study Using ArcGIS Online. <i>Transactions in GIS</i> , <b>2015</b> , 19, 398-416	2.1	24

11	Poverty Evaluation Using NPP-VIIRS Nighttime Light Composite Data at the County Level in China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2015</b> , 8, 1217-1229	4.7	146
10	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. <i>Remote Sensing</i> , <b>2014</b> , 6, 1705-1724	5	345
9	Improving wikipedia-based place name disambiguation in short texts using structured data from DBpedia <b>2014</b> ,		10
8	A geospatial web portal for sharing and analyzing greenhouse gas data derived from satellite remote sensing images. <i>Frontiers of Earth Science</i> , <b>2013</b> , 7, 295-309	1.7	3
7	Validation of total ozone column derived from OMPS using ground-based spectroradiometer measurements. <i>Remote Sensing Letters</i> , <b>2013</b> , 4, 937-945	2.3	3
6	A solution for the data collection in the field survey based on Mobile and Wireless GIS <b>2010</b> ,		2
5	A method for representing thematic data in three-dimensional GIS <b>2010</b> ,		2
4	Mobile and Wireless GIS Based Upon Independent Development <b>2010</b> ,		1
3	A review of location encoding for GeoAI: methods and applications. <i>International Journal of Geographical Information Science</i> ,1-35	4.1	3
2	Enriching the metadata of map images: a deep learning approach with GIS-based data augmentation. <i>International Journal of Geographical Information Science</i> ,1-23	4.1	2
1	Amino Acid-Based Low-Dimensional Management for Enhanced Perovskite Solar Cells. <i>Solar Rrl</i> ,22001687.1		1