Peggy Agouris

List of Publications by Citations

31 papers	918 citations	14 h-index	30 g-index
32 ext. papers	1,070 ext. citations	3.2 avg, IF	4.04 L-index

#	Paper	IF	Citations
31	Using Ontologies for Integrated Geographic Information Systems. *Transactions in GIS*, **2002**, 6, 231-257	2.1	255
30	The study of slums as social and physical constructs: challenges and emerging research opportunities. *Regional Studies, Regional Science*, **2016**, 3, 399-419	1.4	88
29	Assessing Completeness and Spatial Error of Features in Volunteered Geographic Information. *ISPRS International Journal of Geo-Information*, **2013**, 2, 507-530	2.9	87
28	Self-organised clustering for road extraction in classified imagery. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2001**, 55, 347-358	11.8	82
27	A Critical Review of High and Very High-Resolution Remote Sensing Approaches for Detecting and Mapping Slums: Trends, Challenges and Emerging Opportunities. *Urban Science*, **2018**, 2, 8	2.2	72
26	Lessons from the Ebola Outbreak: Action Items for Emerging Infectious Disease Preparedness and Response. *EcoHealth*, **2016**, 13, 200-12	3.1	47
25	Efficient summarization of spatiotemporal events. *Communications of the ACM*, **2003**, 46, 65-66	2.5	44
24	Automated Road Extraction from High Resolution Multispectral Imagery. *Photogrammetric Engineering and Remote Sensing*, **2004**, 70, 1405-1416	1.6	33
23	Authoritative and Volunteered Geographical Information in a Developing Country: A Comparative Case Study of Road Datasets in Nairobi, Kenya. *ISPRS International Journal of Geo-Information*, **2017**, 6, 24	2.9	29
22	An environment for content-based image retrieval from large spatial databases. *ISPRS Journal of Photogrammetry and Remote Sensing*, **1999**, 54, 263-272	11.8	28
21	Assessing the impact of demographic characteristics on spatial error in volunteered geographic information features. *Geo Journal*, **2015**, 80, 587-605	2.2	27
20	A Photogrammetric Approach for Assessing Positional Accuracy of OpenStreetMap󠁭 Roads. *ISPRS International Journal of Geo-Information*, **2013**, 2, 276-301	2.9	24
19	Map Registration of Image Sequences Using Linear Features. *Photogrammetric Engineering and Remote Sensing*, **2008**, 74, 25-38	1.6	21
18	Scale- and orientation-invariant scene similarity metrics for image queries. *International Journal of Geographical Information Science*, **2002**, 16, 749-772	4.1	15
17	Linear Feature Extraction with Dynamic Programming and Globally Enforced Least Squares Matching **1995**, 83-94		14
16	Detecting and mapping slums using open data: a case study in Kenya. *International Journal of Digital Earth*, **2020**, 13, 683-707	3.9	14
15	News coverage, digital activism, and geographical saliency: A case study of refugee camps and volunteered geographical information. *PLoS ONE*, **2018**, 13, e0206825	3.7	12

2

List of Publications

14	Modeling and comparing change using spatiotemporal helixes **2003**,		9
13	Sketch-Based Image Queries in Topographic Databases. *Journal of Visual Communication and Image Representation*, **1999**, 10, 113-129	2.7	4
12	Spatial content-based scene similarity assessment. *ISPRS Journal of Photogrammetry and Remote Sensing*, **2012**, 69, 103-120	11.8	3
11	Adaptable User Profiles for Intelligent Geospatial Queries. *Transactions in GIS*, **2005**, 9, 561-583	2.1	3
10	Learning Similarity with Fuzzy Functions of Adaptable Complexity. *Lecture Notes in Computer Science*, **2003**, 412-429	0.9	2
9	Spatiotemporal Event Detection and Analysis over Multiple Granularities **2006**, 229-245		2
8	Ontology-driven scene interpretation based on qualitative spatial reasoning. *Geo Journal*, **2017**, 82, 751-768	7.6	1
7	Spatiotemporal Modeling and Monitoring of Atmospheric Hazardous Emissions Using Sensor Networks **2009**,		1
6	Supporting Quality-Based Image Retrieval Through User Preference Learning. *Photogrammetric Engineering and Remote Sensing*, **2004**, 70, 973-981	1.6	1
5	Digital Photogrammetric Techniques for Transportation Data Acquisition and Management. *Transportation Research Record*, **1997**, 1599, 111-117	1.7	
4	Self-Organising Map Principles Applied Towards Automating Road Extraction from Remotely Sensed Imagery177-194		
3	Orientation of Ground-level Motion Imagery Using Building Facades. *Photogrammetric Engineering and Remote Sensing*, **2006**, 72, 1061-1072	1.6	
2	Knowledge Aquisition and Data Storage in Mobile GeoSensor Networks. *Lecture Notes in Computer Science*, **2008**, 86-108	0.9	
1	Spatial Data Analysis and Geoinformation Extraction **2010**, 145-203		