

Dieter Pfoser

List of Publications by Citations

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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.

39
papers

827
citations

12
h-index

28
g-index

41
ext. papers

1,030
ext. citations

2.5
avg, IF

4.29
L-index

#	Paper	IF	Citations
39	Capturing the Uncertainty of Moving-Object Representations. <i>Lecture Notes in Computer Science</i> , 1999 , 111-131	0.9	182
38	Crowdsourcing urban form and function. <i>International Journal of Geographical Information Science</i> , 2015 , 29, 720-741	4.1	106
37	A comparison and evaluation of map construction algorithms using vehicle tracking data. <i>Geoinformatica</i> , 2015 , 19, 601-632	2.5	105
36	Zika in Twitter: Temporal Variations of Locations, Actors, and Concepts. <i>JMIR Public Health and Surveillance</i> , 2017 , 3, e22	11.4	66
35	Taking the pulse of COVID-19: a spatiotemporal perspective. <i>International Journal of Digital Earth</i> , 2020 , 13, 1186-1211	3.9	65
34	On vehicle tracking data-based road network generation 2012 ,		59
33	Cancer and Social Media: A Comparison of Traffic about Breast Cancer, Prostate Cancer, and Other Reproductive Cancers on Twitter and Instagram. <i>Journal of Health Communication</i> , 2018 , 23, 181-189	2.5	45
32	Map Construction Algorithms 2015 ,		20
31	Using OpenStreetMap point-of-interest data to model urban change-A feasibility study. <i>PLoS ONE</i> , 2019 , 14, e0212606	3.7	16
30	Optimizing Landmark-Based Routing and Preprocessing 2013 ,		16
29	A Layered Approach for More Robust Generation of Road Network Maps from Vehicle Tracking Data. <i>ACM Transactions on Spatial Algorithms and Systems</i> , 2017 , 3, 1-21	1.8	13
28	On quantifying qualitative geospatial data 2013 ,		12
27	Towards a Flexible and Scalable Fleet Management Service 2013 ,		12
26	Spatio-textual user matching and clustering based on set similarity joins. <i>VLDB Journal</i> , 2018 , 27, 297-320	9.9	11
25	Knowledge-Enriched Route Computation. <i>Lecture Notes in Computer Science</i> , 2015 , 157-176	0.9	10
24	Segmentation-based road network construction 2013 ,		9
23	Location Estimation Using Crowdsourced Spatial Relations. <i>ACM Transactions on Spatial Algorithms and Systems</i> , 2016 , 2, 1-23	1.8	8

22	Towards knowledge-enriched path computation 2014 ,		8
21	Knowledge extraction from crowdsourced data for the enrichment of road networks. <i>GeoInformatica</i> , 2017 , 21, 763-795	2.5	7
20	Location-Based Social Network Data Generation Based on Patterns of Life 2020 ,		7
19	Location-Based Social Simulation 2019 ,		6
18	Location-based social simulation for prescriptive analytics of disease spread. <i>SIGSPATIAL Special</i> , 2020 , 12, 53-61	2.3	5
17	Urban life: a model of people and places. <i>Computational and Mathematical Organization Theory</i> , 2021 , 1-32	2.1	5
16	Crowdsourcing turning-restrictions from map-matched trajectories. <i>Information Systems</i> , 2017 , 64, 221-236		4
15	Simulating Urban Patterns of Life 2019 ,		4
14	Towards a Better Understanding of Public Transportation Traffic: A Case Study of the Washington, DC Metro. <i>Urban Science</i> , 2018 , 2, 65	2.2	4
13	ReHub. <i>Journal of Experimental Algorithmics</i> , 2016 , 21, 1-35	1.1	3
12	GeoSim 2019 workshop report: The 2nd ACM SIGSPATIAL International Workshop on Geospatial Simulation. <i>SIGSPATIAL Special</i> , 2020 , 11, 20-22	2.3	3
11	Tourismo: A User-Preference Tourist Trip Search Engine. <i>Lecture Notes in Computer Science</i> , 2015 , 514-519	1.9	3
10	Map Construction Algorithms 2015 , 1-14		3
9	On User-Generated Geocontent. <i>Lecture Notes in Computer Science</i> , 2011 , 458-461	0.9	3
8	Managing Uncertainty in Evolving Geo-Spatial Data 2020 ,		3
7	A vocabulary recommendation method for spatiotemporal data discovery based on Bayesian network and ontologies. <i>Big Earth Data</i> , 2019 , 3, 220-231	4.1	2
6	Geosemantic Network-of-Interest Construction Using Social Media Data. <i>Lecture Notes in Computer Science</i> , 2014 , 109-125	0.9	2
5	Investigation design: The structural elements of knowledge-seeking efforts. <i>Data and Knowledge Engineering</i> , 2019 , 119, 71-88	1.5	0

- 4 Movement-aware map construction. *International Journal of Geographical Information Science*, **2021**, 35, 1065-1093 4.1 ○
- 3 A Hierarchical Spatial Network Index for Arbitrarily Distributed Spatial Objects. *ISPRS International Journal of Geo-Information*, **2021**, 10, 814 2.9 ○
- 2 Hub Labels on the database for large-scale graphs with the COLD framework. *GeoInformatica*, **2017**, 21, 703-732 2.5
- 1 Quality Measures for Map Comparison **2015**, 71-83