Andreas ZÃ¼fle

List of Publications by Year
in descending order

44 papers	477 citations	1040056 9 h-index	888059 17 g-index
45 all docs	45 docs citations	45 times ranked	356 citing authors

#	Article	IF	Citations
1	A framework for clustering uncertain data. Proceedings of the VLDB Endowment, 2015, 8, 1976-1979.	3.8	99
2	Probabilistic nearest neighbor queries on uncertain moving object trajectories. Proceedings of the VLDB Endowment, 2013, 7, 205-216.	3.8	46
3	Efficient probabilistic reverse nearest neighbor query processing on uncertain data. Proceedings of the VLDB Endowment, 2011, 4, 669-680.	3.8	36
4	Boosting spatial pruning. , 2010, , .		30
5	A novel probabilistic pruning approach to speed up similarity queries in uncertain databases. , 2011, , .		30
6	Indexing uncertain spatio-temporal data. , 2012, , .		25
7	Location-Based Social Network Data Generation Based on Patterns of Life. , 2020, , .		17
8	Incremental Reverse Nearest Neighbor Ranking in Vector Spaces. Lecture Notes in Computer Science, 2009, , 265-282.	1.3	15
9	Data-driven mobility models for COVID-19 simulation. , 2020, , .		14
10	Location-Based Social Simulation. , 2019, , .		13
11	Simulating Urban Patterns of Life. , 2019, , .		13
12	Change of human mobility during COVID-19: A United States case study. PLoS ONE, 2021, 16, e0259031.	2.5	13
13	Knowledge-Enriched Route Computation. Lecture Notes in Computer Science, 2015, , 157-176.	1.3	12
14	Location-based social simulation for prescriptive analytics of disease spread. SIGSPATIAL Special, 2020, 12, 53-61.	2.7	12
15	COVID-19 ensemble models using representative clustering. SIGSPATIAL Special, 2020, 12, 33-41.	2.7	10
16	Towards knowledge-enriched path computation. , 2014, , .		9
17	Knowledge extraction from crowdsourced data for the enrichment of road networks. GeoInformatica, 2017, 21, 763-795.	2.7	9
18	Urban life: a model of people and places. Computational and Mathematical Organization Theory, 2023, 29, 20-51.	2.0	8

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19	On reverse-k-nearest-neighbor joins. GeoInformatica, 2015, 19, 299-330.	2.7	7
20	Managing Uncertainty in Evolving Geo-Spatial Data. , 2020, , .		6
21	Advancing Simulation Experimentation Capabilities with Runtime Interventions. , 2019, , .		6
22	Towards a Better Understanding of Public Transportation Traffic: A Case Study of the Washington, DC Metro. Urban Science, 2018, 2, 65.	2.3	5
23	Tourismo: A User-Preference Tourist Trip Search Engine. Lecture Notes in Computer Science, 2015, , 514-519.	1.3	5
24	Introduction to this special issue: Modeling and understanding the spread of COVID-19. SIGSPATIAL Special, 2020, 12, 1-2.	2.7	5
25	A framework for computation of popular paths from crowdsourced data. , 2015, , .		4
26	A Thematic Similarity Network Approach for Analysis of Places Using Volunteered Geographic Information. ISPRS International Journal of Geo-Information, 2020, 9, 385.	2.9	4
27	The 1st ACM SIGSPATIAL International Workshop on Modeling and Understanding the Spread of COVID-19. SIGSPATIAL Special, 2021, 12, 35-40.	2.7	4
28	Uncertain Spatial Data Management: An Overview. , 2021, , 355-397.		4
29	A Hierarchical Spatial Network Index for Arbitrarily Distributed Spatial Objects. ISPRS International Journal of Geo-Information, 2021, 10, 814.	2.9	4
30	GeoSim 2018 workshop report the 1st ACM SIGSPATIAL international workshop on geospatial simulation. SIGSPATIAL Special, 2019, 10, 28-29.	2.7	3
31	Uncertain Voronoi Cell Computation Based on Space Decomposition. Lecture Notes in Computer Science, 2015, , 98-116.	1.3	2
32	Efficient Information Flow Maximization in Probabilistic Graphs (Extended Abstract). , 2018, , .		2
33	Bayesian network movement model. SIGSPATIAL Special, 2016, 8, 18-25.	2.7	1
34	Uncertain Voronoi cell computation based on space decomposition. GeoInformatica, 2017, 21, 797-827.	2.7	1
35	Modeling and Prediction of People's Needs (Vision Paper). , 2017, , .		1
36	Augmenting Geostatistics with Matrix Factorization: A Case Study for House Price Estimation. ISPRS International Journal of Geo-Information, 2020, 9, 288.	2.9	1

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37	The 3rd ACM SIGSPATIAL International Workshop on Geospatial Simulation. SIGSPATIAL Special, 2021, 12, 11-14.	2.7	1
38	Introduction to this special issue. SIGSPATIAL Special, 2018, 10, 2-2.	2.7	0
39	Spatial gems. SIGSPATIAL Special, 2019, 11, 36-36.	2.7	0
40	Visions and challenges in GeoAI, ethics, and spatial quantum computing. SIGSPATIAL Special, 2019, 11, 2-4.	2.7	0
41	The 2nd ACM SIGSPATIAL International Workshop on Spatial Gems. SIGSPATIAL Special, 2021, 12, 32-34.	2.7	0
42	Introduction to this special issue. SIGSPATIAL Special, 2021, 12, 1-2.	2.7	0
43	Spatial gems 2019 workshop report: The 1st ACM SIGSPATIAL International Workshop on Spatial Gems. SIGSPATIAL Special, 2020, 11, 15-17.	2.7	0
44	Vehicle Relocation for Ride-Hailing. , 2020, , .		0