

Andreas ZÃ¼fle

List of Publications by Year in descending order

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Version: 2024-02-01

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 | Urban life: a model of people and places. Computational and Mathematical Organization Theory, 2023, 29, 20-51. | 2.0 | 8 |
| 2 | The 2nd ACM SIGSPATIAL International Workshop on Spatial Gems. SIGSPATIAL Special, 2021, 12, 32-34. | 2.7 | 0 |
| 3 | The 3rd ACM SIGSPATIAL International Workshop on Geospatial Simulation. SIGSPATIAL Special, 2021, 12, 11-14. | 2.7 | 1 |
| 4 | Introduction to this special issue. SIGSPATIAL Special, 2021, 12, 1-2. | 2.7 | 0 |
| 5 | The 1st ACM SIGSPATIAL International Workshop on Modeling and Understanding the Spread of COVID-19. SIGSPATIAL Special, 2021, 12, 35-40. | 2.7 | 4 |
| 6 | Uncertain Spatial Data Management: An Overview. , 2021, , 355-397. | | 4 |
| 7 | Change of human mobility during COVID-19: A United States case study. PLoS ONE, 2021, 16, e0259031. | 2.5 | 13 |
| 8 | A Hierarchical Spatial Network Index for Arbitrarily Distributed Spatial Objects. ISPRS International Journal of Geo-Information, 2021, 10, 814. | 2.9 | 4 |
| 9 | Managing Uncertainty in Evolving Geo-Spatial Data. , 2020, , . | | 6 |
| 10 | Location-Based Social Network Data Generation Based on Patterns of Life. , 2020, , . | | 17 |
| 11 | Augmenting Geostatistics with Matrix Factorization: A Case Study for House Price Estimation. ISPRS International Journal of Geo-Information, 2020, 9, 288. | 2.9 | 1 |
| 12 | 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 |
| 13 | Location-based social simulation for prescriptive analytics of disease spread. SIGSPATIAL Special, 2020, 12, 53-61. | 2.7 | 12 |
| 14 | COVID-19 ensemble models using representative clustering. SIGSPATIAL Special, 2020, 12, 33-41. | 2.7 | 10 |
| 15 | Spatial gems 2019 workshop report: The 1st ACM SIGSPATIAL International Workshop on Spatial Gems. SIGSPATIAL Special, 2020, 11, 15-17. | 2.7 | 0 |
| 16 | Data-driven mobility models for COVID-19 simulation. , 2020, , . | | 14 |
| 17 | Introduction to this special issue: Modeling and understanding the spread of COVID-19. SIGSPATIAL Special, 2020, 12, 1-2. | 2.7 | 5 |
| 18 | Vehicle Relocation for Ride-Hailing. , 2020, , . | | 0 |

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|----|--|-----|-----------|
| 19 | Spatial gems. SIGSPATIAL Special, 2019, 11, 36-36. | 2.7 | 0 |
| 20 | Location-Based Social Simulation. , 2019, , . | | 13 |
| 21 | Visions and challenges in GeoAI, ethics, and spatial quantum computing. SIGSPATIAL Special, 2019, 11, 2-4. | 2.7 | 0 |
| 22 | GeoSim 2018 workshop report the 1st ACM SIGSPATIAL international workshop on geospatial simulation. SIGSPATIAL Special, 2019, 10, 28-29. | 2.7 | 3 |
| 23 | Advancing Simulation Experimentation Capabilities with Runtime Interventions. , 2019, , . | | 6 |
| 24 | Simulating Urban Patterns of Life. , 2019, , . | | 13 |
| 25 | Efficient Information Flow Maximization in Probabilistic Graphs (Extended Abstract). , 2018, , . | | 2 |
| 26 | Introduction to this special issue. SIGSPATIAL Special, 2018, 10, 2-2. | 2.7 | 0 |
| 27 | Towards a Better Understanding of Public Transportation Traffic: A Case Study of the Washington, DC Metro. Urban Science, 2018, 2, 65. | 2.3 | 5 |
| 28 | Knowledge extraction from crowdsourced data for the enrichment of road networks. Geoinformatica, 2017, 21, 763-795. | 2.7 | 9 |
| 29 | Uncertain Voronoi cell computation based on space decomposition. Geoinformatica, 2017, 21, 797-827. | 2.7 | 1 |
| 30 | Modeling and Prediction of People's Needs (Vision Paper). , 2017, , . | | 1 |
| 31 | Bayesian network movement model. SIGSPATIAL Special, 2016, 8, 18-25. | 2.7 | 1 |
| 32 | A framework for clustering uncertain data. Proceedings of the VLDB Endowment, 2015, 8, 1976-1979. | 3.8 | 99 |
| 33 | Uncertain Voronoi Cell Computation Based on Space Decomposition. Lecture Notes in Computer Science, 2015, , 98-116. | 1.3 | 2 |
| 34 | On reverse-k-nearest-neighbor joins. Geoinformatica, 2015, 19, 299-330. | 2.7 | 7 |
| 35 | A framework for computation of popular paths from crowdsourced data. , 2015, , . | | 4 |
| 36 | Knowledge-Enriched Route Computation. Lecture Notes in Computer Science, 2015, , 157-176. | 1.3 | 12 |

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|----|---|-----|-----------|
| 37 | Tourismo: A User-Preference Tourist Trip Search Engine. Lecture Notes in Computer Science, 2015, , 514-519. | 1.3 | 5 |
| 38 | Towards knowledge-enriched path computation. , 2014, , . | | 9 |
| 39 | Probabilistic nearest neighbor queries on uncertain moving object trajectories. Proceedings of the VLDB Endowment, 2013, 7, 205-216. | 3.8 | 46 |
| 40 | Indexing uncertain spatio-temporal data. , 2012, , . | | 25 |
| 41 | A novel probabilistic pruning approach to speed up similarity queries in uncertain databases. , 2011, , . | | 30 |
| 42 | Efficient probabilistic reverse nearest neighbor query processing on uncertain data. Proceedings of the VLDB Endowment, 2011, 4, 669-680. | 3.8 | 36 |
| 43 | Boosting spatial pruning. , 2010, , . | | 30 |
| 44 | Incremental Reverse Nearest Neighbor Ranking in Vector Spaces. Lecture Notes in Computer Science, 2009, , 265-282. | 1.3 | 15 |