

Venkata M V Gunturi

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.

29
papers

242
citations

6
h-index

15
g-index

34
ext. papers

290
ext. citations

1.7
avg, IF

2.91
L-index

#	Paper	IF	Citations
29	Finding the most navigable path in road networks. <i>Geoinformatica</i> , 2021 , 25, 207-240	2.5	1
28	Impromptu Rendezvous Based Multi-threaded Algorithm for Shortest Lagrangian Path Problem on Road Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 201-222	0.9	1
27	A Multi-threaded Algorithm for Capacity Constrained Assignment over Road Networks. <i>Lecture Notes in Computer Science</i> , 2020 , 125-142	0.9	
26	Detecting activities at metro stations using smartphone sensors 2018 ,		2
25	Load Balancing in Network Voronoi Diagrams Under Overload Penalties. <i>Lecture Notes in Computer Science</i> , 2018 , 457-475	0.9	1
24	Finding the Most Navigable Path in Road Networks: A Summary of Results. <i>Lecture Notes in Computer Science</i> , 2018 , 440-456	0.9	2
23	Spatial Co-location Pattern Mining. <i>Lecture Notes in Computer Science</i> , 2018 , 412-421	0.9	
22	Discovering non-compliant window co-occurrence patterns. <i>Geoinformatica</i> , 2017 , 21, 829-866	2.5	2
21	Scalable computational techniques for centrality metrics on temporally detailed social network. <i>Machine Learning</i> , 2017 , 106, 1133-1169	4	6
20	Big Spatio-Temporal Network Data Analytics for Smart Cities: Research Needs. <i>Springer Geography</i> , 2017 , 127-140	0.4	2
19	Fundamental Concepts for Spatio-Temporal Graphs 2017 , 5-11		2
18	Trend Topics: Engine Data Analytics 2017 , 93-96		
17	Fastest Path for a Single Departure-Time 2017 , 25-41		
16	Spatio-Temporal Graph Data Analytics 2017 ,		2
15	Advanced Concepts: Bi-Directional Search for Temporal Digraphs 2017 , 59-75		
14	Advanced Concepts: Critical Time Point Based Approaches 2017 , 43-57		
13	Knowledge Discovery: Temporal Disaggregation in Social Interaction Data 2017 , 77-91		

12	Discovering Spatial Regions of High Correlation 2016 ,		1
11	A Critical-Time-Point Approach to All-Departure-Time Lagrangian Shortest Paths. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2015 , 27, 2591-2603	4.2	9
10	Spatial big data for eco-routing services. <i>SIGSPATIAL Special</i> , 2015 , 6, 19-25	2.3	5
9	Future connected vehicles 2015 ,		5
8	Spatiotemporal Data Mining: A Computational Perspective. <i>ISPRS International Journal of Geo-Information</i> , 2015 , 4, 2306-2338	2.9	102
7	Discovering Non-compliant Window Co-Occurrence Patterns: A Summary of Results. <i>Lecture Notes in Computer Science</i> , 2015 , 391-410	0.9	6
6	A Spatio-Temporally Opportunistic Approach to Best-Start-Time Lagrangian Shortest Path. <i>Lecture Notes in Computer Science</i> , 2015 , 274-291	0.9	1
5	Lagrangian Approaches to Storage of Spatio-Temporal Network Datasets. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2014 , 26, 2222-2236	4.2	3
4	Lagrangian Xgraphs: A Logical Data-Model for Spatio-Temporal Network Data: A Summary. <i>Lecture Notes in Computer Science</i> , 2014 , 201-211	0.9	5
3	Experiences with evacuation route planning algorithms. <i>International Journal of Geographical Information Science</i> , 2012 , 26, 2253-2265	4.1	61
2	A Dartboard Network Cut Based Approach to Evacuation Route Planning: A Summary of Results. <i>Lecture Notes in Computer Science</i> , 2012 , 325-339	0.9	7
1	A Critical-Time-Point Approach to All-Start-Time Lagrangian Shortest Paths: A Summary of Results. <i>Lecture Notes in Computer Science</i> , 2011 , 74-91	0.9	14