Venkata M V Gunturi

List of Publications by Citations

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	Spatiotemporal Data Mining: A Computational Perspective. *ISPRS International Journal of Geo-Information*, **2015**, 4, 2306-2338	2.9	102
28	Experiences with evacuation route planning algorithms. *International Journal of Geographical Information Science*, **2012**, 26, 2253-2265	4.1	61
27	A Critical-Time-Point Approach to All-Start-Time Lagrangian Shortest Paths: A Summary of Results. *Lecture Notes in Computer Science*, **2011**, 74-91	0.9	14
26	A Critical-Time-Point Approach to All-Departure-Time Lagrangian Shortest Paths. *IEEE Transactions on Knowledge and Data Engineering*, **2015**, 27, 2591-2603	4.2	9
25	A Dartboard Network Cut Based Approach to Evacuation Route Planning: A Summary of Results. *Lecture Notes in Computer Science*, **2012**, 325-339	0.9	7
24	Scalable computational techniques for centrality metrics on temporally detailed social network. *Machine Learning*, **2017**, 106, 1133-1169	4	6
23	Discovering Non-compliant Window Co-Occurrence Patterns: A Summary of Results. *Lecture Notes in Computer Science*, **2015**, 391-410	0.9	6
22	Spatial big data for eco-routing services. *SIGSPATIAL Special*, **2015**, 6, 19-25	2.3	5
21	Future connected vehicles **2015**,		5
20	Lagrangian Xgraphs: A Logical Data-Model for Spatio-Temporal Network Data: A Summary. *Lecture Notes in Computer Science*, **2014**, 201-211	0.9	5
19	Lagrangian Approaches to Storage of Spatio-Temporal Network Datasets. *IEEE Transactions on Knowledge and Data Engineering*, **2014**, 26, 2222-2236	4.2	3
18	Discovering non-compliant window co-occurrence patterns. *GeoInformatica*, **2017**, 21, 829-866	2.5	2
17	Detecting activities at metro stations using smartphone sensors **2018**,		2
16	Big Spatio-Temporal Network Data Analytics for Smart Cities: Research Needs. *Springer Geography*, **2017**, 127-140	0.4	2
15	Fundamental Concepts for Spatio-Temporal Graphs **2017**, 5-11		2
14	Finding the Most Navigable Path in Road Networks: A Summary of Results. *Lecture Notes in Computer Science*, **2018**, 440-456	0.9	2
13	Spatio-Temporal Graph Data Analytics **2017**,		2

12	Impromptu Rendezvous Based Multi-threaded Algorithm for Shortest Lagrangian Path Problem on Road Networks. *Lecture Notes in Computer Science*, **2020**, 201-222	0.9	1
11	Load Balancing in Network Voronoi Diagrams Under Overload Penalties. *Lecture Notes in Computer Science*, **2018**, 457-475	0.9	1
10	A Spatio-Temporally Opportunistic Approach to Best-Start-Time Lagrangian Shortest Path. *Lecture Notes in Computer Science*, **2015**, 274-291	0.9	1
9	Discovering Spatial Regions of High Correlation **2016**,		1
8	Finding the most navigable path in road networks. *GeoInformatica*, **2021**, 25, 207-240	2.5	1
7	A Multi-threaded Algorithm for Capacity Constrained Assignment over Road Networks. *Lecture Notes in Computer Science*, **2020**, 125-142	0.9	
6	Trend Topics: Engine Data Analytics **2017**, 93-96		
5	Fastest Path for a Single Departure-Time **2017**, 25-41		
4	Advanced Concepts: Bi-Directional Search for Temporal Digraphs **2017**, 59-75		
3	Advanced Concepts: Critical Time Point Based Approaches **2017**, 43-57		
2	Knowledge Discovery: Temporal Disaggregation in Social Interaction Data **2017**, 77-91		
1	Spatial Co-location Pattern Mining. *Lecture Notes in Computer Science*, **2018**, 412-421	0.9	