

# Angelo Furno

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

450  
citations

1163117

8  
h-index

839539

18  
g-index

35  
all docs

35  
docs citations

35  
times ranked

319  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of cellular signaling data for time-of-day estimation and spatial classification of travel demand: a large-scale comparative study with travel survey and land use data. <i>Transportation Letters</i> , 2022, 14, 787-805.	3.1	5
2	Locating park-and-ride facilities for resilient on-demand urban mobility. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2022, 158, 102557.	7.4	8
3	A Geometric Classification of World Urban Road Networks. <i>Urban Science</i> , 2022, 6, 11.	2.3	8
4	A data-driven approach for origin-destination matrix construction from cellular network signalling data: a case study of Lyon region (France). <i>Transportation</i> , 2021, 48, 1671-1702.	4.0	24
5	Quick Sub-optimal Augmentation of Large Scale Multi-modal Transport Networks. <i>Studies in Computational Intelligence</i> , 2021, , 218-230.	0.9	1
6	Approach to Quantify the Impact of Disruptions on Traffic Conditions using Dynamic Weighted Resilience Metrics of Transport Networks. <i>Transportation Research Record</i> , 2021, 2675, 61-78.	1.9	5
7	Graph-based ahead monitoring of vulnerabilities in large dynamic transportation networks. <i>PLoS ONE</i> , 2021, 16, e0248764.	2.5	8
8	Fast cluster-based computation of exact betweenness centrality in large graphs. <i>Journal of Big Data</i> , 2021, 8, .	11.0	6
9	TRANSIT: Fine-grained human mobility trajectory inference at scale with mobile network signaling data. <i>Transportation Research Part C: Emerging Technologies</i> , 2021, 130, 103257.	7.6	23
10	REINFORCE: rapid augmentation of large-scale multi-modal transport networks for resilience enhancement. <i>Applied Network Science</i> , 2021, 6, .	1.5	1
11	Mobility-based SIR model for complex networks: with case study Of COVID-19. <i>Social Network Analysis and Mining</i> , 2021, 11, 105.	2.8	9
12	Characterizing and Removing Oscillations in Mobile Phone Location Data. , 2019, , .		4
13	Can We Map-Match Individual Cellular Network Signaling Trajectories in Urban Environments? Data-Driven Study. <i>Transportation Research Record</i> , 2019, 2673, 74-88.	1.9	12
14	A Microservices Platform for Monitoring and Analysis of IoT Traffic Data in Smart Cities. , 2019, , .		11
15	Cluster-based Computation of Exact Betweenness Centrality in Large Undirected Graphs. , 2019, , .		4
16	Spatio-temporal Correlations of Betweenness Centrality and Traffic Metrics. , 2019, , .		15
17	Fast Approximated Betweenness Centrality of Directed and Weighted Graphs. <i>Studies in Computational Intelligence</i> , 2019, , 52-65.	0.9	5
18	Reducing Pivots of Approximated Betweenness Computation by Hierarchically Clustering Complex Networks. <i>Studies in Computational Intelligence</i> , 2018, , 65-77.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Prescriptive Analytics for MEC Orchestration. , 2018, , .		5
20	Scalability Analysis of Cluster-based Betweenness Computation in Large Weighted Graphs. , 2018, , .		2
21	Road Network Resilience: How to Identify Critical Links Subject to Day-to-Day Disruptions. Transportation Research Record, 2018, 2672, 54-65.	1.9	69
22	A Graph-Based Framework for Real-Time Vulnerability Assessment of Road Networks. , 2018, , .		8
23	Mobile Demand Profiling for Cellular Cognitive Networking. IEEE Transactions on Mobile Computing, 2017, 16, 772-786.	5.8	13
24	A Tale of Ten Cities: Characterizing Signatures of Mobile Traffic in Urban Areas. IEEE Transactions on Mobile Computing, 2017, 16, 2682-2696.	5.8	59
25	Fusing GPS probe and mobile phone data for enhanced land-use detection. , 2017, , .		4
26	Two-level clustering fast betweenness centrality computation for requirement-driven approximation. , 2017, , .		10
27	Joint spatial and temporal classification of mobile traffic demands. , 2017, , .		27
28	A Comparative Evaluation of Urban Fabric Detection Techniques Based on Mobile Traffic Data. , 2015, , .		11
29	Context-aware Composition of Semantic Web Services. Mobile Networks and Applications, 2014, 19, 235-248.	3.3	40
30	Self-scaling cooperative discovery of service compositions in unstructured P2P networks. Journal of Parallel and Distributed Computing, 2014, 74, 2994-3025.	4.1	22
31	Gossip Strategies for Service Composition. , 2014, , .		1
32	Efficient Cooperative Discovery of Service Compositions in Unstructured P2P Networks. , 2013, , .		20
33	Context-Aware Design of Semantic Web Services to Improve the Precision of Compositions. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 97-107.	0.3	1
34	Towards Effective Event-Driven SOA in Enterprise Systems. , 2013, , .		1
35	A tool for automatic generation of WS-BPEL compositions from OWL-S described services. , 2011, , .		6