Carlos Bento

List of Publications by Year
in descending order

31 papers	698 citations	840776 11 h-index	888059 17 g-index
34 all docs	34 docs citations	34 times ranked	593 citing authors

#	ARTICLE	IF	CITATIONS
1	Taxi-Aware Map: Identifying and Predicting Vacant Taxis in the City. Lecture Notes in Computer Science, 2010, , 86-95.	1.3	79
2	Urban mobility study using taxi traces. , 2011, , .		74
3	Intelligent road traffic status detection system through cellular networks handover information: An exploratory study. Transportation Research Part C: Emerging Technologies, 2013, 32, 76-88.	7.6	66
4	Inferring Passenger Travel Demand to Improve Urban Mobility in Developing Countries Using Cell Phone Data: A Case Study of Senegal. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 2466-2478.	8.0	63
5	A metric for selection of the most promising rules. Lecture Notes in Computer Science, 1998, , 19-27.	1.3	57
6	POI Mining for Land Use Classification: A Case Study. ISPRS International Journal of Geo-Information, 2020, 9, 493.	2.9	50
7	Inferring social influence in transport mode choice using mobile phone data. EPJ Data Science, 2017, 6, .	2.8	36
8	Exploring cellular network handover information for urban mobility analysis. Journal of Transport Geography, 2013, 31, 164-170.	5.0	34
9	Analysis of the pattern and intensity of urban activities through aggregate cellphone usage. Transportmetrica A: Transport Science, 2015, 11, 502-524.	2.0	33
10	The importance of retrieval in creative design analogies. Knowledge-Based Systems, 2006, 19, 480-488.	7.1	31
11	Sensing urban mobility with taxi flow. , 2011, , .		25
12	Gaussian process-based predictive modeling for bus ridership. , 2013, , .		18
13	Mining temporal patterns of transport behaviour for predicting future transport usage. , 2013, , .		18
14	Inferring origin-destination flows using mobile phone data: A case study of Senegal. , 2016, , .		17
15	Constructing Time-Dependent Origin-Destination Matrices With Adaptive Zoning Scheme and Measuring Their Similarities With Taxi Trajectory Data. IEEE Access, 2019, 7, 77723-77737.	4.2	17
16	Predictability of Public Transport Usage: A Study of Bus Rides in Lisbon, Portugal. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 2955-2960.	8.0	16
17	Modeling Location Choice of Taxi Drivers for Passenger Pickup Using GPS Data. IEEE Intelligent Transportation Systems Magazine, 2021, 13, 70-90.	3.8	11
18	A case similarity metric for software reuse and design. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2001, 15, 21-35.	1.1	10

#	ARTICLE	IF	CITATIONS
19	Semantic enrichment of places: Ontology learning from web. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2009, 13, 19-30.	1.0	9
20	Catch me if you can: Predicting mobility patterns of public transport users. , 2014, , .		8
21	Visualizing urban mobility. , 2013, , .		5
22	A tool for exploratory visualization of bus mobility and ridership. , 2015, , .		5
23	Exploring the relationship between mobile phone call intensity and taxi volume in urban area. , 2012, , .		4
24	Identification and Classification of Routine Locations Using Anonymized Mobile Communication Data. ISPRS International Journal of Geo-Information, 2022, 11, 228.	2.9	4
25	Visualization tool for taxi usage analysis. , 2016, , .		3
26	Exploring relationship between taxi volume and flue gases' concentrations. , 2013, , .		2
27	Text input disambiguation supported on a hierarchical user model. , 2005, , .		0
28	A statistical approach for integration of soft mobility and regular public transports. , 2011, , .		0
29	Mining taxi data for describing city in the context of mobility, sociality, and environment: Lessons learned. , 2016, , .		0
30	Inferring exhaust gases levels using taxi service and meteorological Data: An experiment in the city of Porto, Portugal. , 2016, , .		0
31	Selective Delivery of Points of Interest. Lecture Notes in Computer Science, 2010, , 295-299.	1.3	0