

Tongyu Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

465
citations

1937685

4
h-index

2053705

5
g-index

36
all docs

36
docs citations

36
times ranked

506
citing authors

#	ARTICLE	IF	CITATIONS
1	The scaling of human mobility by taxis is exponential. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 2135-2144.	2.6	195
2	A shilling attack detector based on convolutional neural network for collaborative recommender system in social aware network. <i>Computer Journal</i> , 2018, 61, 949-958.	2.4	47
3	RTIC-C: A Big Data System for Massive Traffic Information Mining. , 2013, , .		27
4	A Heuristic Map-Matching Algorithm by Using Vector-Based Recognition. , 2007, , .		19
5	The prediction of bus arrival time using global positioning system data and dynamic traffic information. , 2011, , .		19
6	Analysis of Travel Time Patterns in Urban Using Taxi GPS Data. , 2013, , .		19
7	A heuristic path-estimating algorithm for large-scale real-time traffic information calculating. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 165-174.	0.9	15
8	A Novel Method of Overrun Risk Measurement and Assessment Using Large Scale QAR Data. , 2018, , .		13
9	Outlier mining based Automatic Incident Detection on urban arterial road. , 2009, , .		12
10	Toward context-aware location based services. , 2010, , .		12
11	Towards Optimized Routing Approach for Dynamic Shortest Path Selection in Traffic Networks. , 2008, , .		10
12	Large-Scale Travel Time Prediction for Urban Arterial Roads Based on Kalman Filter. , 2009, , .		10
13	Aircraft Hard Landing Prediction Using LSTM Neural Network. , 2018, , .		10
14	The bus arrival time service based on dynamic traffic information. , 2012, , .		6
15	Missing Data Compensation Model in Real-Time Traffic Information Service System. , 2008, , .		5
16	An evaluation of travel time on urban road network. , 2011, , .		5
17	A map matching algorithm for intersections based on Floating Car Data. <i>International Conference on Advanced Communication Technology</i> , 2008, , .	0.0	4
18	An FCD Compensation Model Based on Traffic Condition Trends Matching. , 2009, , .		4

#	ARTICLE	IF	CITATIONS
19	Continuous range monitoring of moving objects in road networks. , 2010, , .		4
20	RTIC-C: A Cloud Computing Platform for History Data Mining of Traffic Information. , 2012, , .		4
21	Towards Dynamic Resource Provisioning for Traffic Mining Service Cloud. , 2013, , .		4
22	The impact analysis of traffic incident and prediction model on travel time under incident condition. , 2013, , .		4
23	An effective method to estimate urban link travel time in real-time traffic information system. , 2009, , .		3
24	Applied research of data sensing and service to ubiquitous intelligent transportation system. Frontiers of Computer Science, 2010, 4, 417-426.	0.6	3
25	A history data based traffic incident impact analyzing and predicting method. , 2010, , .		3
26	Effective data identification in travel time estimation based on cellular network signaling. , 2011, , .		2
27	An Approach to Estimate Traffic Speed Based on Cellular Network Signaling Data on Highways. , 2014, , .		2
28	Improved Dynamic Location Reference Method Agora-C Based on Rule Optimization. , 2008, , .		1
29	An FCD Information Processing Model under Traffic Signal Control. , 2009, , .		1
30	A Distributed Location Based Service Framework of Ubiquitous Computing. , 2010, , .		1
31	Public Transport Smart Card Data Analysis and Passenger Flow Distribution. , 2012, , .		1
32	Continuous Nearest Neighbor Queries in Weight Changing Road Networks. , 2010, , .		0
33	Research on Intelligent Fault Location for Multistage in Large-scale Distributed Measurement Environment. Procedia Engineering, 2011, 15, 2403-2407.	1.2	0
34	A novel model to evaluate urban overall traffic condition. , 2011, , .		0
35	An approach to detect left-turn forbidden intersection using taxi trajectories. , 2012, , .		0
36	Analyzing City Blocks' Properties Based on Mobile Data. , 2012, , .		0