Akihito Hiromori

List of Publications by Year
in descending order

32 papers	145 citations	2258059 3 h-index	2550090 3 g-index
33 all docs	33 docs citations	33 times ranked	144 citing authors

#	Article	IF	Citations
1	Synthesizing Town-scale Vehicle Mobility from Traffic Surveillance Cameras: A Case Study. , 2022, , .		0
2	Road Segment Re-Identification in Dashcam Videos. , 2021, , .		0
3	Multi-Lane Detection and Tracking Using Vision for Traffic Situation Awareness. , 2020, , .		3
4	A Study on Behavior of Autonomous Vehicles Cooperating with Manually-Driven Vehicles. , 2019, , .		7
5	CrowdMeter: Gauging congestion level in railway stations using smartphones. Pervasive and Mobile Computing, 2019, 58, 101014.	3.3	8
6	A human tracking and sensing platform for enabling smart city applications. , 2018, , .		9
7	Indoor Map Generation from Multiple LIDAR Point Clouds. , 2018, , .		4
8	Re-Thinking: Design and Development of Mobility Aware Applications in Smart and Connected Communities. , 2018, , .		3
9	Crowd and event detection by fusion of camera images and micro blogs. , 2017, , .		6
10	Edge Computing and IoT Based Research for Building Safe Smart Cities Resistant to Disasters. , 2017, , .		18
11	Vehicle Proximity Awareness by Inter-Vehicle Communication for Surface Mine Operation Safety. , 2017, , .		1
12	Travel estimation using Control Signal Records in cellular networks and geographical information. , 2016, , .		13
13	A model-based approach to support smart and social home living. , 2015, , .		12
14	Multi-dimensional sensor data aggregator for adaptive network management in M2M communications. , 2015, , .		4
15	Human crowd detection for physical sensing assisted geo-social multimedia mining. , 2015, , .		4
16	A novel estimation method of road condition for pedestrian navigation. , 2015, , .		4
17	Prediction of Deceleration Amount of Vehicle Speed in Snowy Urban Roads Using Weather Information and Traffic Data. , 2015, , .		6
18	Scalable and robust channel allocation for densely-deployed urban wireless stations. Performance Evaluation, 2015, 87, 74-91.	1.2	0

#	Article	IF	Citations
19	An analysis model of queue length fluctuation at signals using vehicle trajectories. , 2014, , .		1
20	Indoor Localization Utilizing Tracking Scanners and Motion Sensors. , 2014, , .		8
21	Mitigating location and speed errors in floating car data using context-based accuracy estimation. , 2013, , .		1
22	Sensor Placement Optimization Method for People Tracking. , 2013, , .		5
23	A novel scheduling algorithm for densely-deployed wireless stations in urban areas. , 2013, , .		1
24	HumanS: A Human Mobility Sensing Simulator. , 2012, , .		5
25	Design and Architecture of Cloud-Based Mobile Phone Sensing Middleware. , 2012, , .		3
26	Simulating CSMA/CA behavior for performance evaluation of multi-hop wireless networks. , 2012, , .		0
27	A Simple Mobility Model Realizing Designated Node Distributions and Natural Node Movement. , 2011, , .		3
28	A Comprehensive Test Strategy for Network Protocols in Diverse Environment. , 2011, , .		0
29	Implementation of a data collection mechanism in electronic triage system using wireless sensor devices. , 2011, , .		3
30	Modeling and Evaluation of Rescue Operations Using Mobile Communication Devices. , 2009, , .		7
31	An integrated tool for development of overlay services. , 2009, , .		0
32	A distributed algorithm for constructing minimum delay spanning trees under bandwidth constraints on overlay networks. Systems and Computers in Japan, 2006, 37, 15-24.	0.2	3