

# Akihito Hiromori

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4185591/publications.pdf>

Version: 2024-02-01

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	Edge Computing and IoT Based Research for Building Safe Smart Cities Resistant to Disasters. , 2017, , .		18
2	Travel estimation using Control Signal Records in cellular networks and geographical information. , 2016, , .		13
3	A model-based approach to support smart and social home living. , 2015, , .		12
4	A human tracking and sensing platform for enabling smart city applications. , 2018, , .		9
5	Indoor Localization Utilizing Tracking Scanners and Motion Sensors. , 2014, , .		8
6	CrowdMeter: Gauging congestion level in railway stations using smartphones. Pervasive and Mobile Computing, 2019, 58, 101014.	3.3	8
7	Modeling and Evaluation of Rescue Operations Using Mobile Communication Devices. , 2009, , .		7
8	A Study on Behavior of Autonomous Vehicles Cooperating with Manually-Driven Vehicles. , 2019, , .		7
9	Prediction of Deceleration Amount of Vehicle Speed in Snowy Urban Roads Using Weather Information and Traffic Data. , 2015, , .		6
10	Crowd and event detection by fusion of camera images and micro blogs. , 2017, , .		6
11	HumanS: A Human Mobility Sensing Simulator. , 2012, , .		5
12	Sensor Placement Optimization Method for People Tracking. , 2013, , .		5
13	Multi-dimensional sensor data aggregator for adaptive network management in M2M communications. , 2015, , .		4
14	Human crowd detection for physical sensing assisted geo-social multimedia mining. , 2015, , .		4
15	A novel estimation method of road condition for pedestrian navigation. , 2015, , .		4
16	Indoor Map Generation from Multiple LIDAR Point Clouds. , 2018, , .		4
17	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
18	A Simple Mobility Model Realizing Designated Node Distributions and Natural Node Movement. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
19	Implementation of a data collection mechanism in electronic triage system using wireless sensor devices. , 2011, , .		3
20	Design and Architecture of Cloud-Based Mobile Phone Sensing Middleware. , 2012, , .		3
21	Re-Thinking: Design and Development of Mobility Aware Applications in Smart and Connected Communities. , 2018, , .		3
22	Multi-Lane Detection and Tracking Using Vision for Traffic Situation Awareness. , 2020, , .		3
23	Mitigating location and speed errors in floating car data using context-based accuracy estimation. , 2013, , .		1
24	A novel scheduling algorithm for densely-deployed wireless stations in urban areas. , 2013, , .		1
25	An analysis model of queue length fluctuation at signals using vehicle trajectories. , 2014, , .		1
26	Vehicle Proximity Awareness by Inter-Vehicle Communication for Surface Mine Operation Safety. , 2017, , .		1
27	A Comprehensive Test Strategy for Network Protocols in Diverse Environment. , 2011, , .		0
28	Simulating CSMA/CA behavior for performance evaluation of multi-hop wireless networks. , 2012, , .		0
29	Scalable and robust channel allocation for densely-deployed urban wireless stations. Performance Evaluation, 2015, 87, 74-91.	1.2	0
30	An integrated tool for development of overlay services. , 2009, , .		0
31	Road Segment Re-Identification in Dashcam Videos. , 2021, , .		0
32	Synthesizing Town-scale Vehicle Mobility from Traffic Surveillance Cameras: A Case Study. , 2022, , .		0