

Yasuhiro Akagi

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

93
citations

2682572

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h-index

2550090

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g-index

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17
docs citations

17
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of Localization Failures Using Markov Random Fields With Fully Connected Latent Variables for Safe LiDAR-Based Automated Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 17130-17142.	8.0	7
2	Driving Behavior Modeling Based on Hidden Markov Models with Driver's Eye-Gaze Measurement and Ego-Vehicle Localization. , 2019, , .		14
3	Simultaneous description of logical design and implementation of automated driving systems. , 2019, , .		1
4	A Risk-index based Sampling Method to Generate Scenarios for the Evaluation of Automated Driving Vehicle Safety. , 2019, , .		25
5	A Feasibility Study on a Traffic Management System for Autonomous Driving Services based on Dynamic Map. , 2018, , .		1
6	Study on autonomous braking control system based on motion prediction considering overtaking motion of cyclists. Transactions of the JSME (in Japanese), 2018, 84, 17-00557-17-00557.	0.2	3
7	Ontology based collection and analysis of traffic event data for developing intelligent vehicles. , 2017, , .		5
8	Vehicle Pose Estimation Based on Image Registration. The Proceedings of the Transportation and Logistics Conference, 2017, 2017.26, 3001.	0.0	0
9	Vehicle position estimation based on road area detection and image registration. Transactions of the JSME (in Japanese), 2017, 83, 17-00014-17-00014.	0.2	2
10	Longitudinal and lateral motion planning method for avoidance of multi-obstacles in urban environments based on inverse collision probability. , 2016, , .		11
11	Development of driver assistance system for avoiding collision with crossing vehicle in unsignalized intersection right-turn. The Proceedings of the Transportation and Logistics Conference, 2016, 2016.25, 3301.	0.0	0
12	New Localization Method Based on the Image Registration. The Proceedings of Mechanical Engineering Congress Japan, 2016, 2016, J1810103.	0.0	0
13	Driver Monitoring System by Using Blinking and Heart-Rate Signal. The Proceedings of Mechanical Engineering Congress Japan, 2016, 2016, G1800401.	0.0	0
14	An analysis of an elderly driver behaviour in urban intersections based on a risk potential model. , 2015, , .		3
15	Stochastic driver speed control behavior modeling in urban intersections using risk potential-based motion planning framework. , 2015, , .		18
16	2403 A Reference Velocity Model in Passing Non-signalized Intersections Based on Urban Road Driving Database. The Proceedings of the Transportation and Logistics Conference, 2015, 2015.24, _2403-1_- _2403-9_.	0.0	0
17	Interactive 3D Animation Creation and Viewing System based on Motion Graph and Pose Estimation Method. , 2014, , .		3