

Hisashi Date

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

106
citations

1684188

5
h-index

1588992

8
g-index

25
all docs

25
docs citations

25
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of Quadcopter Considering Collision with Wall Utilizing Monte Carlo Model Predictive Control. Transactions of the Society of Instrument and Control Engineers, 2021, 57, 379-390.	0.2	1
2	Maximization of Solar Power Generation for a Spacecraft Controlled by a Single Rotor Based on Monte Carlo Economic Model Predictive Control. Transactions of the Society of Instrument and Control Engineers, 2021, 57, 195-202.	0.2	0
3	Online Activities in Tsukuba Challenge 2020. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 1P1-L15.	0.0	0
4	Greedy-Based Approximation Algorithm for Solving Path Planning Problem of a Land Leveler. Transactions of the Institute of Systems Control and Information Engineers, 2020, 33, 182-190.	0.1	0
5	Application of Monte Carlo Model Predictive Control to Control Systems with Discontinuous Changes. Transactions of the Society of Instrument and Control Engineers, 2020, 56, 116-123.	0.2	0
6	A Survey of the Tsukuba Challenge 2019 for All Teams. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 1P1-K01.	0.0	0
7	Sampling variance update method in Monte Carlo Model Predictive Control. IFAC-PapersOnLine, 2020, 53, 1274-1281.	0.9	2
8	Odometry of a Three-Dimensional Snake-like Robot and its Application. , 2019, , .		5
9	Swing up Control of Inverted Pendulum on a Cart with Collision by Monte Carlo Model Predictive Control. , 2019, , .		8
10	Navigation Based on Metric Route Information in Places Where the Mobile Robot Visits for the First Time. Journal of Robotics and Mechatronics, 2019, 31, 180-193.	1.0	4
11	Spherical Panoramic Image-based Localization by Deep Learning. Transactions of the Society of Instrument and Control Engineers, 2018, 54, 483-493.	0.2	3
12	Parallelized nonlinear model predictive control on GPU. , 2017, , .		13
13	Autonomous Mobile Robot Searching for Persons with Specific Clothing on Urban Walkway. Journal of Robotics and Mechatronics, 2017, 29, 649-659.	1.0	5
14	Navigation of a Mobile Robot Based on Metric Route Map at Places to Visit for the First Time. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 2A2-07a7.	0.0	1
15	Automatic Construction of Environment Model for Simulator Gazebo from Sensor Data. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 2A2-07a3.	0.0	1
16	Recognition Method Applied to Smart Dump 9 Using Multi-Beam 3D LiDAR for the Tsukuba Challenge. Journal of Robotics and Mechatronics, 2016, 28, 451-460.	1.0	4
17	Development of Autonomous Mobile Robot Using Articulated Steering Vehicle and Lateral Guiding Method. Journal of Robotics and Mechatronics, 2015, 27, 337-345.	1.0	11
18	Stone obstacle detection method on the vegetation with LIDAR intensity of the ground surface for brush cutting robot (Proposition of correction formula for LIDAR intensity under the influence of) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50 5		

#	ARTICLE	IF	CITATIONS
19	High Precision Localization of Mobile Robot Using LIDAR Intensity of Surface. Nippon Kikai Gakkai Ronbunshu, C Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2013, 79, 3389-3398.	0.2	11
20	Real World Experiments of Autonomus Mobile Robot Smart Dump. Journal of the Robotics Society of Japan, 2012, 30, 305-313.	0.1	10
21	Real world experiments of an autonomous mobile robot in the pedestrian environment. , 2011, , .		11
22	Proposition of SSM for Lateral Guided Vehicle with Articulated Body(<Special Issue>Dynamics & Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6 Mechanical Engineers, Part C, 2010, 76, 1130-1138.	0.2	5
23	Reduction in parasympathetic reflex vasodilatation following stereotaxic ear-bar insertion: importance of reduced afferent input. Brain Research, 2003, 961, 53-62.	2.2	5
24	Involvement of two different mechanisms in trigeminal ganglion-evoked vasodilatation in the cat lower lip: role of experimental conditions. Journal of the Autonomic Nervous System, 2000, 79, 84-92.	1.9	5
25	Visualization system in a third-person view for the teleoperation of a snake-like robot. Advanced Robotics, 0, , 1-16.	1.8	0