

# Hisashi Date

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11226645/publications.pdf>

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	Parallelized nonlinear model predictive control on GPU. , 2017, , .		13
2	Real world experiments of an autonomous mobile robot in the pedestrian environment. , 2011, , .		11
3	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
4	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
5	Real World Experiments of Autonomus Mobile Robot Smart Dump. Journal of the Robotics Society of Japan, 2012, 30, 305-313.	0.1	10
6	Swing up Control of Inverted Pendulum on a Cart with Collision by Monte Carlo Model Predictive Control. , 2019, , .		8
7	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
8	Reduction in parasympathetic reflex vasodilatation following stereotaxic ear-bar insertion: importance of reduced afferent input. Brain Research, 2003, 961, 53-62.	2.2	5
9	Proposition of SSM for Lateral Guided Vehicle with Articulated Body(<Special Issue>Dynamics & Tj ETQq1 1 0.784314 rgBT /Overlock Mechanical Engineers, Part C, 2010, 76, 1130-1138.	0.2	5
10	Odometry of a Three-Dimensional Snake-like Robot and its Application. , 2019, , .		5
11	Autonomous Mobile Robot Searching for Persons with Specific Clothing on Urban Walkway. Journal of Robotics and Mechatronics, 2017, 29, 649-659.	1.0	5
12	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
13	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
14	Spherical Panoramic Image-based Localization by Deep Learning. Transactions of the Society of Instrument and Control Engineers, 2018, 54, 483-493.	0.2	3
15	Sampling variance update method in Monte Carlo Model Predictive Control. IFAC-PapersOnLine, 2020, 53, 1274-1281.	0.9	2
16	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 rgBT /Overlock 10 Tf 50		
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	Online Activities in Tsukuba Challenge 2020. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 1P1-L15.	0.0	0
25	Visualization system in a third-person view for the teleoperation of a snake-like robot. Advanced Robotics, 0, , 1-16.	1.8	0