

Hideyuki Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

218
citations

2258059

3
h-index

2550090

3
g-index

32
all docs

32
docs citations

32
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Avisual marker for precise pose estimation based on lenticular lenses. , 2012, , .		33
2	Reconfigurable Cellular Satellites Maintained by Space Robots. Journal of Robotics and Mechatronics, 2006, 18, 356-364.	1.0	31
3	A high-accuracy visual marker based on a microlens array. , 2012, , .		23
4	Development of Assistive Robots Using International Classification of Functioning, Disability, and Health: Concept, Applications, and Issues. Journal of Robotics, 2013, 2013, 1-12.	0.9	19
5	Solving pose ambiguity of planar visual marker by wavelike two-tone patterns. , 2017, , .		14
6	Robotic wheelchair using a high accuracy visual marker LentiBar and its application to door crossing navigation. , 2015, , .		12
7	Role Analysis of Dominant and Non-dominant Hand in Daily Life. , 2013, , .		11
8	A solution to pose ambiguity of visual markers using Moiré patterns. , 2014, , .		10
9	Improving the accuracy of visual markers by four dots and image interpolation. , 2016, , .		10
10	Development of evaluation indexes for assistive robots based on ICF. , 2012, , .		9
11	A portable 6-DOF motion tracker using high-accuracy AR markers — First report on the feasibility. , 2015, , .		7
12	Visual Marker System for Autonomous Object Handling by Assistive Robotic Arm. Journal of Robotics and Mechatronics, 2011, 23, 484-493.	1.0	6
13	Further stabilization of a microlens-array-based fiducial marker. , 2013, , .		5
14	Autonomous Drone Guidance and Landing System Using AR/high-accuracy Hybrid Markers. , 2019, , .		5
15	User evaluation of service robotic arms based on ICF through interviews with people with upper-limb disability. , 2013, , .		3
16	Utilization of Semantic Information for Robust Task Execution by Autonomous Robots. , 2006, , .		2
17	A novel AR marker for high-accuracy stable image overlay. , 2012, , .		2
18	Towards reorganization of International Classification of Functioning, Disability and Health for design of assistive robots. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Analysis and design of service robots based on ICF. , 2014, , .		2
20	Estimating zero moment point and floor reaction force using visual markers. , 2016, , .		2
21	A Robust Position and Posture Measurement System Using Visual Markers and an Inertia Measurement Unit. , 2019, , .		2
22	A High-Accuracy Fiducial Marker with Parallel Lenticular Angle Gauges. , 2021, , .		2
23	Attitude-Motion Estimation of Tumbling Objects Using Radio Frequency Identification. Journal of Guidance, Control, and Dynamics, 2007, 30, 1557-1563.	2.8	1
24	Development of a service robot arm system with a projection interface “ Design and evaluation based on the ICF. , 2015, , .		1
25	A Low Cost Robotic Wheelchair System Using a Pan-Tilt Camera and a Visual Marker. Applied Mechanics and Materials, 0, 789-790, 652-657.	0.2	1
26	A Motion Tracker Using High-Accuracy AR Markers for On-site Motion Analysis. , 2015, , .		1
27	A Novel Lenticular Angle Gauge for High-Accuracy Fiducial Markers. , 2021, , .		1
28	Simple Three-Dimensional Motion Measurement System using Marker-IMU System. , 2021, 2021, 7073-7076.		1
29	Shape modeling using visual ID-tags for robotic applications. Conference Proceedings IEEE International Conference on Systems, Man, and Cybernetics, 2008, , .	0.0	0
30	Needs analysis and benefit description of robotic arms for daily support. , 2015, , .		0
31	UML-based design of a robotic wheelchair system for indoor navigation using a visual marker. , 2015, , .		0
32	A Perpendicular Direction Gauge Using a Lenticular Lens*. , 2021, , .		0