

Akihiro Kawamura

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

164
citations

1684188
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28
all docs

28
docs citations

28
times ranked

157
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of ROS2-TMS: new software platform for informationally structured environment. ROBOMECH Journal, 2022, 9, .	1.6	5
2	Development of AR training systems for Humanity dementia care. Advanced Robotics, 2022, 36, 344-358.	1.8	7
3	Mobile Robot Navigation Using Learning-Based Method Based on Predictive State Representation in a Dynamic Environment. , 2022, , .		2
4	Near-future perception system: Previewed Reality. Advanced Robotics, 2021, 35, 19-30.	1.8	1
5	A New 3D Motion and Force Measurement System for Sport Climbing. , 2020, , .		4
6	Development of dementia care training system based on augmented reality and whole body wearable tactile sensor. , 2020, , .		7
7	Development of dementia care training system combining augmented reality and distributed tactile sensor. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 1A1-D09.	0.0	1
8	Inflatable Robotic Arm with Overlaid Plastic Sheet Structure. , 2019, , .		0
9	Spatial change detection using voxel classification by normal distributions transform. , 2019, , .		7
10	Development of an Inflatable Robotic Arm on Mobile Platform for Fetch-and-Give Tasks. , 2019, , .		1
11	Mechanical design and control of inflatable robotic arms for high positioning accuracy. Advanced Robotics, 2018, 32, 89-104.	1.8	37
12	Development of ROS-TMS 5.0 for informationally structured environment. ROBOMECH Journal, 2018, 5, .	1.6	8
13	Feasibility study of IoRT platform "Big Sensor Box", 2017, , .		9
14	Motion control for robotic arm with rotational counterweights. , 2017, , .		0
15	Previewed reality: Near-future perception system. , 2017, , .		1
16	Precise motion control of SCARA robot using combination of PWM signals and visual information. , 2016, , .		1
17	Automatic planning of laser measurements for a large-scale environment using CPS-SLAM system. , 2015, , .		2
18	Development of an inflatable robotic arm system controlled by a joystick. , 2015, , .		10

#	ARTICLE	IF	CITATIONS
19	Control architecture for service drone in informationally structured environment. , 2015, , .		2
20	Dynamic grasping of an arbitrary polyhedral object. Robotica, 2013, 31, 511-523.	1.9	12
21	Robust Visual Servoing for Object Manipulation Against Temporary Loss of Sensory Information Using a Multi-Fingered Hand-Arm. Journal of Robotics and Mechatronics, 2013, 25, 125-135.	1.0	4
22	Robust visual servoing for object manipulation with large time-delays of visual information. , 2012, , .		9
23	Externally sensorless dynamic regrasping and manipulation by a triple-fingered robotic hand with torsional fingertip joints. , 2012, , .		15
24	Robust manipulation for temporary lack of sensory information by a multi-fingered hand-arm system. , 2011, , .		3
25	Dynamic object manipulation using a multi-fingered hand-arm system: Enhancement of a grasping capability using relative attitude constraints of fingers. , 2011, , .		5
26	Sensory feedback attitude control for a grasped object by a multi-fingered hand-arm system. , 2010, , .		2
27	Dynamic grasping for an arbitrary polyhedral object by a multi-fingered hand-arm system. , 2009, , .		9