

Takeshi Nishida

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

208
citations

1684188

5
h-index

1281871

11
g-index

38
all docs

38
docs citations

38
times ranked

159
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Universal Robot Gripper Using MRα Fluid. International Journal of Humanoid Robotics, 2016, 13, 1650017.	1.1	58
2	Development of universal robot gripper using MRα fluid. , 2014, , .		17
3	Development of universal jamming gripper with a force feedback mechanism. , 2014, , .		15
4	Point cloud matching using singular value decomposition. Artificial Life and Robotics, 2016, 21, 149-154.	1.2	14
5	Decentralized Control Performances of an Experimental Web Handling System. International Journal of Advanced Robotic Systems, 2012, 9, 141.	2.1	12
6	Modification of ABC Algorithm for Adaptation to Time-Varying Functions. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 584-591.	0.2	11
7	Automatic Calibration of Industrial Robot and 3D Sensors using Real-Time Simulator. , 2018, , .		8
8	Adaptive PSO for Online Identification of Time-Varying Systems. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1642-1649.	0.2	8
9	Development of Outdoor Service Robots. , 2006, , .		7
10	Adaptive and Predictive Control Using Competitive Associative Net for Learning and Switching of Multiple Models. Transactions of the Society of Instrument and Control Engineers, 2001, 37, 203-212.	0.2	6
11	Development of Pilot Assistance System with Stereo Vision for Robot Manipulation. , 2006, , .		5
12	Development of Outdoor Service Robot to Collect Trash on Streets. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 840-848.	0.2	4
13	Design of adaptive control systems for unstable plants in the presence of input saturation. , 2007, , .		4
14	Particle filter-model predictive control of quadcopters. , 2014, , .		4
15	Adaptive vector quantization using reinitialization method. Electronics and Communications in Japan, 2005, 88, 60-69.	0.2	3
16	Application of CAN2 to plane extraction from 3D range images. , 2008, , .		3
17	Dynamic state estimation using particle filter and adaptive vector quantizer. , 2009, , .		3
18	Rotation Matrix Estimation Between Non-Corresponding 3-D Point Sets. Journal of the Robotics Society of Japan, 2013, 31, 624-627.	0.1	3

#	ARTICLE	IF	CITATIONS
19	Batch Learning Competitive Associative Net and Its Properties. Transactions of the Society of Instrument and Control Engineers, 2006, 42, 916-925.	0.2	3
20	Development of a Sensor System for an Outdoor Service Robot. , 0, , .		2
21	Linear model validation for controlling a multi rollers high speed web system. , 2010, , .		2
22	Modification of <scp>ABC</scp> Algorithm for Adaptation to Time-varying Functions. Electronics and Communications in Japan, 2013, 96, 44-53.	0.5	2
23	Simultaneously Execution of Target Detection, Posture Estimation, and Tracking of 3D Objects by Parametric Eigenspace Method Embedded Particle Filter. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 838-845.	0.2	2
24	A Thermal Model of the RCA Cleaning System and Adaptive Predictive Temperature Control of Cleaning Solutions. Transactions of the Society of Instrument and Control Engineers, 2001, 37, 754-762.	0.2	2
25	Ensemble of Competitive Associative Nets for Stable Learning Performance in Temperature Control of RCA Cleaning Solutions. Lecture Notes in Computer Science, 2006, , 563-571.	1.3	2
26	A Design of Adaptive Control Systems with Input Saturation. , 2006, , .		1
27	Model switching predictive control using bagging CAN2 and first-difference signals for temperature control of RCA cleaning solutions. , 2008, , .		1
28	State estimation of mobile robot using GPS signal that includes reflected and diffracted waves. Artificial Life and Robotics, 2013, 18, 178-186.	1.2	1
29	Soft Grippers for Industrial Robots. Journal of the Robotics Society of Japan, 2019, 37, 42-45.	0.1	1
30	Noise Removal of Depth Sensor Using Particle Filter. , 2020, , .		1
31	Title is missing!. The Brain & Neural Networks, 2000, 7, 106-114.	0.1	1
32	Mobile Robot Navigation Using Guideposts and a Single Camera. Transactions of the Society of Instrument and Control Engineers, 2006, 42, 62-69.	0.2	1
33	ç«¶â•€É£æf³ãfãffãf`ã«ã,ã,«è·é»ç»»ãfãã,%ããªã¹³éçæš1/2ã‡º. The Brain & Neural Networks, 2007, 14, 273-281.0.1		1
34	Robust target detection and tracking using particle filter and parametric eigenspace method. , 2007, , .		0
35	A self-tuning PI decentralized control of web transport system. , 2011, , .		0
36	Flexible Robot Gripper with a Simple Structure Using Magnetic Force. Journal of the Robotics Society of Japan, 2018, 36, 520-524.	0.1	0

#	ARTICLE	IF	CITATIONS
37	Tracking and Feature Extraction of Easily Deformable Object Using Particle Filter and Adaptive Vector Quantization. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 2196-2203.	0.2	0
38	Fast Maximum A Posteriori Estimation using Particle Filter and Adaptive Vector Quantization. , 2020, , .		0