

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	Noise Removal of Depth Sensor Using Particle Filter. , 2020, , .		1
2	Fast Maximum A Posteriori Estimation using Particle Filter and Adaptive Vector Quantization. , 2020, , .		0
3	Soft Grippers for Industrial Robots. Journal of the Robotics Society of Japan, 2019, 37, 42-45.	0.1	1
4	Automatic Calibration of Industrial Robot and 3D Sensors using Real-Time Simulator. , 2018, , .		8
5	Flexible Robot Gripper with a Simple Structure Using Magnetic Force. Journal of the Robotics Society of Japan, 2018, 36, 520-524.	0.1	0
6	Development of Universal Robot Gripper Using MR \pm Fluid. International Journal of Humanoid Robotics, 2016, 13, 1650017.	1.1	58
7	Point cloud matching using singular value decomposition. Artificial Life and Robotics, 2016, 21, 149-154.	1.2	14
8	Development of universal robot gripper using MRα fluid. , 2014, , .		17
9	Development of universal jamming gripper with a force feedback mechanism. , 2014, , .		15
10	Particle filter-model predictive control of quadcopters. , 2014, , .		4
11	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
12	Modification of <sc>ABC</sc> Algorithm for Adaptation to Time-Varying Functions. Electronics and Communications in Japan, 2013, 96, 44-53.	0.5	2
13	Rotation Matrix Estimation Between Non-Corresponding 3-D Point Sets. Journal of the Robotics Society of Japan, 2013, 31, 624-627.	0.1	3
14	Decentralized Control Performances of an Experimental Web Handling System. International Journal of Advanced Robotic Systems, 2012, 9, 141.	2.1	12
15	Modification of ABC Algorithm for Adaptation to Time-Varying Functions. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 584-591.	0.2	11
16	A self-tuning PI decentralized control of web transport system. , 2011, , .		0
17	Adaptive PSO for Online Identification of Time-Varying Systems. IEEJ Transactions on Electronics, Information and Systems, 2011, 131, 1642-1649.	0.2	8
18	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

#	ARTICLE	IF	CITATIONS
19	Linear model validation for controlling a multi rollers high speed web system. , 2010, , .		2
20	Dynamic state estimation using particle filter and adaptive vector quantizer. , 2009, , .		3
21	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
22	Model switching predictive control using bagging CAN2 and first-difference signals for temperature control of RCA cleaning solutions. , 2008, , .		1
23	Application of CAN2 to plane extraction from 3D range images. , 2008, , .		3
24	Robust target detection and tracking using particle filter and parametric eigenspace method. , 2007, , .		0
25	Design of adaptive control systems for unstable plants in the presence of input saturation. , 2007, , .		4
26	ç«¶â•é€£æf3âfâffâfââ«â,â,«è-é»ç»»âfââ,%âââ13éçæš1/2â†ª. The Brain & Neural Networks, 2007, 14, 273-281.0.1		1
27	Development of Pilot Assistance System with Stereo Vision for Robot Manipulation. , 2006, , .		5
28	Development of Outdoor Service Robot to Collect Trash on Streets. IEEJ Transactions on Electronics, Information and Systems, 2006, 126, 840-848.	0.2	4
29	A Design of Adaptive Control Systems with Input Saturation. , 2006, , .		1
30	Development of Outdoor Service Robots. , 2006, , .		7
31	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
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	Batch Learning Competitive Associative Net and Its Properties. Transactions of the Society of Instrument and Control Engineers, 2006, 42, 916-925.	0.2	3
34	Adaptive vector quantization using reinitialization method. Electronics and Communications in Japan, 2005, 88, 60-69.	0.2	3
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Title is missing!. The Brain & Neural Networks, 2000, 7, 106-114.	0.1	1
38	Development of a Sensor System for an Outdoor Service Robot. , 0, , .		2