

# Nobuto Matsuhira

## List of Publications by Year in descending order

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Version: 2024-02-01

159  
papers

432  
citations

1651377

6  
h-index

993246

17  
g-index

159  
all docs

159  
docs citations

159  
times ranked

433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Proposal and evaluation of following control method for a person-following robot using head height and torso information. Transactions of the JSME (in Japanese), 2021, 87, 20-00133-20-00133.	0.1	0
2	DEVELOPMENT OF A PARALLEL GRIPPER WITH AN EXTENSION NAIL MECHANISM USING A METAL BELT. MM Science Journal, 2021, 2021, 4444-4451.	0.2	0
3	Development of Simulator for Surgical Robot with Linear Motion Unit and Trocar Restriction. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 1P3-C10.	0.0	0
4	Estimation of the user's movement pattern in a standing movement measurement device. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 2P3-D10.	0.0	0
5	Development and Demonstration of a General-purpose Communication Unit for a Robot Cooperation Network. Journal of the Robotics Society of Japan, 2021, 39, 973-980.	0.0	2
6	Development of functions for teleoperated patrolling robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 1P1-K09.	0.0	0
7	Improved operability of a wearable device using bending sensors. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 2P3-D08.	0.0	0
8	Remote control experiment of multiple robots using RSNP unit. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 1P1-G03.	0.0	0
9	Self-Positioning System for Mobile Robots Using ROS-RTM Collaboration. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 1P2-D06.	0.0	0
10	Control of Mobile Robot Considering Human Emotions. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2021, 2021, 2P3-D05.	0.0	0
11	Remote control experiment of multiple robots using RSNP unit. , 2021, , .		1
12	Evaluations of service robots referring to Joruri puppets, and a remote evaluations system. , 2021, , .		3
13	Multi-user Robot Impression with a Virtual Agent and Features Modification According to Real-time Emotion from Physiological Signals. , 2020, , .		1
14	Flexible Remote-Controlled Robot System with Multiple Sensor Clients Using a Common Network Communication Protocol. , 2020, , .		0
15	Mechanism of synchronous differential transmission and an electric variable pitch propeller. The Proceedings of Mechanical Engineering Congress Japan, 2020, 2020, S11210.	0.0	0
16	Human tracking experiment of moving in parallel with a person. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 2A1-F04.	0.0	0
17	Study of network cooperation system between three different types of robots. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 2P1-G04.	0.0	0
18	Data acquisition demonstration experiment of various robots using RSNP unit. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 1P1-F02.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Driving condition evaluation of a supporting equipment for stand-up movement considering user characteristics. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 1P2-F08.	0.0	0
20	Navigation using Node-RED and robot middleware. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 2P1-G06.	0.0	0
21	Influence of seat height and handrail positions on standing up motion. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 2A1-F05.	0.0	0
22	Indoor and Outdoor Seamless Positioning System for Mobile Robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 1P1-K11.	0.0	0
23	Simulation of grasping a falling object in a wheelchair-mounted robot arm. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2020, 2020, 1P2-F06.	0.0	0
24	Design of Synchronous Differential Transmission and Prototype with 3D Printer. The Proceedings of Mechanical Engineering Congress Japan, 2020, 2020, S11212.	0.0	0
25	Motions of Propelling a Wheelchair Based on the Movement Function of People with Spinal Cord Injury. , 2019, , .		0
26	A cooperative control method for a mobile manipulator using the difference the manipulation with a robot control device. , 2019, , .		1
27	Basic Experiments for a Remote Control Robot-Mapping System in Complex Environment. , 2019, , .		0
28	Evaluating Pre-trained Predictor Models of Pedestrian Destinations for a Voice Guidance Robot*. , 2019, , .		1
29	Robustly Predicting Pedestrian Destinations Using Pre-trained Machine Learning Model for a Voice Guidance Robot. , 2019, , .		0
30	Measurement of daily movements of wheelchair users and clarification of pressure ulcer occurrence. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 2A2-B09.	0.0	0
31	Simulation of picking movement with a wearable wireless master-arm. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1P1-B16.	0.0	0
32	Task generation with Node-RED system and travel experiment of a mobile robot using AR marker. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1P2-S03.	0.0	1
33	Effectiveness of sole-floor reaction force measurement in a supporting equipment for human stand-up movement. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 2A1-B06.	0.0	0
34	Experiment on status view of robot network using notification RTC. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1A1-C06.	0.0	0
35	Development of a Photography Service Robot Using the Structure of RT Component. Transactions of the Society of Instrument and Control Engineers, 2019, 55, 275-285.	0.1	1
36	Development of Cooperative System for Robot and Senior Car. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 2A1-F03.	0.0	0

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37	Development of a high expansion rate arm 2 with convex tapes. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2019, 2019, 1P1-S10.	0.0	0
38	Collaborative robots system in a photography service using Kukanchi. , 2018, , .		0
39	Experimental Evaluation of a Tele-Operated Robot System in Traversing a Narrow Path. , 2018, , .		2
40	Simulation Of A Human Following Robot With Object Avoidance Function. , 2018, , .		3
41	Development of a mobile robot with a camera arm using convex expansion and contraction mechanism. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 1A1-G07.	0.0	0
42	Demonstration experiments of a distributed questionnaire service using multiple robots with the aim of marketing at a tourist site. International Journal of Smart Computing and Artificial Intelligence, 2018, 2, 1-21.	0.2	3
43	Response control of interface robot in cooperation with small sensor devices. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2P1-B14.	0.0	0
44	Development of a fingertip operation device. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 1A1-H08.	0.0	0
45	Development of a remote control system of movable working robot using common software. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 1P2-D12.	0.0	0
46	Development of a tele-operated mobile robot with a camera using convex expansion and contraction mechanism. The Proceedings of Mechanical Engineering Congress Japan, 2018, 2018, G1500403.	0.0	0
47	Experiment of movement of narrow part in crawler robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2A1-G03.	0.0	0
48	Human detecting experiment of mobile robot using human characterization. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2018, 2018, 2A1-C17.	0.0	0
49	Questionnaire experiment using networked service robots. , 2017, , .		1
50	Safety evaluation method of robot arm considering energy of contact. , 2017, , .		0
51	Concept of community service robot network coping with various social problems. , 2017, , .		4
52	Development of pantograph-type robot arm equipped with 3-dimensional gravity compensation mechanism. Transactions of the JSME (in Japanese), 2017, 83, 16-00556-16-00556.	0.1	1
53	Development of an arm for collaborative robot equipped with gravity compensation mechanism according to payload. , 2017, , .		2
54	Human characterization by a following robot using a depth sensor. , 2017, , .		3

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55	A Development of a Stamp Rally and Questionnaires™ Service using CRSP with the Aim of Applying to the Marketing Research. Transactions of the Japanese Society for Artificial Intelligence, 2017, 32, NFC-B_1-13.	0.1	1
56	Application of interface robot to cruising guide. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 1A1-I06.	0.0	0
57	Study on disassembly condition of a decomposition type robot at collision. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2A2-M04.	0.0	0
58	Study on movement between the floor with the mobile robot using an escalator. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2A2-B12.	0.0	0
59	Proposal on Distributed Questionnaire Service for Service Robots. Journal of the Robotics Society of Japan, 2017, 35, 403-413.	0.0	2
60	Development of a basic function for a following robot in crowded environment. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2P1-J04.	0.0	1
61	Development of Task Control System of Multiple Robots Using Environmental Sensors. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2017, 2017, 2A2-J12.	0.0	0
62	Motion analysis of wheelchair considering the pectoral girdle mechanism. , 2016, , .		2
63	Development of basic functions for a following robot in a human gathering environment. , 2016, , .		8
64	Study of the drive-timing for a standup motion-supporting mechanism for the elderly. , 2016, , .		0
65	Performance improvement of a robot photographer using a multiple human detection system to activate the community. , 2016, , .		3
66	Demonstration Experiments of a Robot Service of Stamp-Rally and Questionnaires for Tourism Destination Marketing. , 2016, , .		7
67	Development of a teleoperated robot arm system using RSNP: Precise tasks performed using a predictive display. , 2016, , .		8
68	Development of a lightweight expansion mechanism using a convex tape. The Proceedings of Mechanical Engineering Congress Japan, 2016, 2016, G1500106.	0.0	1
69	Study of gripping operation of a blanket module using a compact robot simulator. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 2A1-18a4.	0.0	0
70	Analysis of the relationship of operability and coordinate systems in the teleoperation of a mobile robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 2P1-03a1.	0.0	1
71	Study of reducing blind spot of range sensor using a linear unit. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 1A1-19a2.	0.0	0
72	A Collaborative Task Experiment by Multiple Robots in a Human Environment Using the Kukanchi System. Lecture Notes in Computer Science, 2016, , 276-282.	1.0	1

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73	Continuable Robot Development from Community. Journal of the Society of Mechanical Engineers, 2016, 119, 488-491.	0.0	0
74	Study on start timing of operation in a stand-up support mechanism. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 2A1-15a4.	0.0	0
75	Development of the robot cooperation system in the intelligent space environment. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 2P2-03a5.	0.0	0
76	Response control of the interface robot using the walking information. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2016, 2016, 1A1-14a4.	0.0	0
77	Enhancement of interface robot using RT middleware and RSNP network protocol. , 2015, , .		4
78	A study of driving trajectory for standing-up motion support system. , 2015, , .		0
79	Development Framework for Non-experts targeting the Network Robot Service. Journal of the Robotics Society of Japan, 2015, 33, 807-817.	0.0	5
80	Development of a teleoperated multiple robot system with robot service network protocol - Support function and following task by two mobile robots. , 2015, , .		1
81	Development of prototype supporting mechanism based on measurement of standup motions. , 2015, , .		0
82	Notice of Removal Teleoperation via head-mounted display motion with the Robot Service Network Protocol. , 2015, , .		2
83	2A2-Q06 Design of the dielectric elastomer actuator having the nanotubes, nanoparticles composition. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2015, 2015, _2A2-Q06_1-_2A2-Q06_2.	0.0	0
84	K15100 Current status and prospect on robotics and mechatronics : Prospect based on activity report and policy statement of robotics and mechatronics division. The Proceedings of Mechanical Engineering Congress Japan, 2015, 2015, _K15100-1-_K15100-4_.	0.0	0
85	Shared map for multiple teleoperated robot system with RSNP to perform a collaborative task : An exploration experiment by two mobile robots. The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2015, 2015.6, 41-42.	0.0	1
86	2A2-K07 Motion Analysis of Robot Arm with Pectoral Girdle Mechanism Based on Human Motion. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2015, 2015, _2A2-K07_1-_2A2-K07_4.	0.0	0
87	G1500406 Study on extension mechanism with convex tape. The Proceedings of Mechanical Engineering Congress Japan, 2015, 2015, _G1500406-_G1500406-.	0.0	0
88	2A1-J08 The method of determining the handle position of standing-up motion support system. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2015, 2015, _2A1-J08_1-_2A1-J08_4.	0.0	0
89	1P2-E09 Basic evaluation of control device of a robot arm by simulation. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2015, 2015, _1P2-E09_1-_1P2-E09_4.	0.0	0
90	2A2-K08 Study of assist-mechanism for human stand-up motion : Basic experiments of developed mechanism. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2015, 2015, _2A2-K08_1-_2A2-K08_2.	0.0	0

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91	Development of an escalator riding robot: Experiment of riding on an up escalator. , 2014, , .		0
92	Exercise support system applying human-robot communication for mobile home. , 2014, , .		4
93	Development of an apparatus for measuring and supporting human standup motions. , 2014, , .		3
94	Development of a robot with photography service as a RT-middleware application for the widespread use of robots. , 2014, , .		6
95	Development of a selectable teleoperated robot system using RSNP. , 2014, , .		10
96	1P1-G03 Study of a control method of a supporting equipment for human stand-up movement : Examination of the timing for operation start(Welfare Robotics and Mechatronics (2)). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2014, 2014, _1P1-G03_1-_1P1-G03_2.	0.0	0
97	3A1-U01 Development of the mobile photography robot using RTM(RT Middleware and Open Systems). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2014, 2014, _3A1-U01_1-_3A1-U01_2.	0.0	0
98	2A1-M05 Development of the greeting response control of an interface robot using the movement information of the human(Communication Robot). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2014, 2014, _2A1-M05_1-_2A1-M05_4.	0.0	0
99	On special issue ^ ^rdquo;Selected Papers from the 31st Annual Conference of the Robotics Society of Japan (RSJ2013)^ ^rdquo;. Journal of the Robotics Society of Japan, 2014, 32, 575-575.	0.0	0
100	1P1-A02 Study on the contact motion in a robot arm for life support(Welfare Robotics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T Hen/Transactions of the Japan Society of Mechanical Engineers, 2014, 2014, _1P1-A02_1-_1P1-A02_3.	0.0	0
101	Development of the Remote Technology for the S/C Water Level Measurement. Journal of the Society of Mechanical Engineers, 2014, 117, 661-663.	0.0	0
102	Response control of a communication robot depends on the position and velocity of the person. , 2013, , .		2
103	Estimation of Basic Activities of Daily Living Using ZigBee 3D Accelerometer Sensor Network. , 2013, , .		14
104	Prototype development of robot system using RT middleware and RSNP network protocol. , 2013, , .		4
105	Navigation method of a mobile robot in daily life environment considering environmental design. , 2013, , .		0
106	Development of Under-Supporting Extension Hand for Tableware Handling (New Concept of the Hand) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T Hen/Transactions of the Japan Society of Mechanical Engineers, Part C, 2013, 79, 4275-4285.	0.2	2
107	Object Manipulation Planning and Replanning for Robots with Humans. Transactions of the Japanese Society for Artificial Intelligence, 2013, 28, 122-130.	0.1	0
108	1P1-G04 Localization of a robot using an environmental design(Universal Design and Robotics &) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T (Robomec), 2013, 2013, _1P1-G04_1-_1P1-G04_4.	0.0	0

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109	2P1-C08 Development of a measurement system for human stand-up movement and its analysis(Welfare) Tj ETQq1 1 0.784314 rgBT (Robomec), 2013, 2013, _2P1-C08_1-_2P1-C08_3.	0.0	0
110	2P1-P17 Study on the response control of a table-top type interface robot considering the human movement(Communication Robot). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2013, 2013, _2P1-P17_1-_2P1-P17_4.	0.0	0
111	Development of the supporting apparatus for standing up motion of the elderly person: Basic experiment of standing up motion. , 2012, , .		3
112	2A1-U11 Study on the supporting system of a human movement by force sensing : Measurement of stand-up motion and basic experiment(Welfare Robotics and Mechatronics(2)). The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2012, 2012, _2A1-U11_1-_2A1-U11_3.	0.0	0
113	Looking Back upon the Discussion on Parallel Manipulator in the RSJ Journal. Journal of the Robotics Society of Japan, 2012, 30, 123-123.	0.0	0
114	2A1-G03 Trajectory control of a tabletop type robot with rotational walking mechanism(Robots for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 (Robomec), 2012, 2012, _2A1-G03_1-_2A1-G03_2.	0.0	0
115	People Detection Based on Spatial Mapping of Friendliness and Floor Boundary Points for a Mobile Navigation Robot. Journal of Robotics, 2011, 2011, 1-10.	0.6	69
116	Robotic Transportation System for Shopping Support in Supermarket : Report of the NEDO Project for Strategic Development of Advanced Robotics Elemental Technologies. Journal of the Society of Mechanical Engineers, 2011, 114, 383-386.	0.0	0
117	Classification of Static and Dynamic Obstacles Based on Tracked Floor Boundary Points by an Omnidirectional Camera Mounted on a Mobile Robot. Journal of the Robotics Society of Japan, 2011, 29, 470-479.	0.0	0
118	Virtual Robot Experimentation Platform V-REP: A Versatile 3D Robot Simulator. Lecture Notes in Computer Science, 2010, , 51-62.	1.0	144
119	2A1-F20 Development of intelligent software modules for robots to perform tasks with robustness and a platform robot to verify them. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2010, 2010, _2A1-F20_1-_2A1-F20_3.	0.0	0
120	Robotic transportation system for shopping support services. , 2009, , .		4
121	New Entropy-Based Adaptive Particle Filter for Mobile Robot Localization. Advanced Robotics, 2009, 23, 1761-1778.	1.1	7
122	ä1/2œæŸãðãŸã,ã@ãfãfœãfãfãf“ã,ãfSãf³æŠ€è;“. Journal of the Robotics Society of Japan, 2009, 27, 613-616. 0.0	0	0
123	1P1-C04 Development of robotic transportation system : Shopping support system collaborating with environmental cameras and mobile robots. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2009, 2009, _1P1-C04_1-_1P1-C04_4.	0.0	0
124	1P1-D05 Development of robotic transportation system : Dynamic path modification with global information. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2009, 2009, _1P1-D05_1-_1P1-D05_2.	0.0	0
125	Universal Design with Robots-Practice of House-working Task of Home Robot-. Journal of the Robotics Society of Japan, 2008, 26, 476-484.	0.0	3
126	Robotic Interface to Connect User to Home Appliance. Journal of the Robotics Society of Japan, 2008, 26, 893-894.	0.0	1



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127	Progress of Common Platform Technology for Next-generation Robots. Journal of the Robotics Society of Japan, 2008, 26, 394-398.	0.0	1
128	Discussion on Universal Design with Robots. Journal of the Robotics Society of Japan, 2008, 26, 436-441.	0.0	0
129	Common Platform Technology for Next Generation Robots. Transactions of the Society of Instrument and Control Engineers, 2008, 44, 996-1005.	0.1	1
130	2A1-H02 Decoupling control based on kinematical mutual matrix computation for a light weight wire-driven arm. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2008, 2008, _2A1-H02_1-_2A1-H02_2.	0.0	0
131	Title is missing!. Journal of the Robotics Society of Japan, 2007, 25, 501-504.	0.0	4
132	1A1-O02 Development of Light Weight Wire Driven Arm for Human-Symbiotic Robot. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2007, 2007, _1A1-O02_1-_1A1-O02_2.	0.0	0
133	Karakuri Doll and Robot Engineer. Journal of the Society of Mechanical Engineers, 2006, 109, 432-433.	0.0	0
134	Towards the Robots to Change Our Life Style. Journal of the Robotics Society of Japan, 2006, 24, 292-295.	0.0	6
135	1A1-E16 Development of High Performance Sharp Ear Robot : Application to realizing audio-visual cooperative behavior. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2006, 2006, _1A1-E16_1-_1A1-E16_3.	0.0	1
136	1A1-E32 Map Building and Localization of Home Robot using Feature Matching and Monte Carlo Approach. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2006, 2006, _1A1-E32_1-_1A1-E32_4.	0.0	0
137	ALL-N-022 Development of a Person Following Robot Using Multi-modal Interaction Technology(Prototype Development Support Enterprise, Next-Generation Robot Commercialization) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 30 JSME Annual Conference on Robotics and Mechatronics (Robomec), 2005, 2005, 10.	0.0	0
138	2A1-N-033 Linear Actuator Unit for Human Assist Systems(SMRJ Project-Development of Robot) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2005, 2005, 141.	0.0	0
139	2A1-N-114 Development of a Robotic Forceps System for Laparoscopic Surgery(Medical and Welfare) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 30 2005, 158.	0.0	0
140	Technologies and Problems for Home-use Robots. Journal of the Institute of Electrical Engineers of Japan, 2005, 125, 213-216.	0.0	0
141	ALL-N-015 Development of a high performance auditory function robot in interaction with human : ApriAlpha with omni-directional auditory function(Prototype Development Support Enterprise,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 30 (5-1-0) 2005, 2005, 9.	0.0	0
142	2P1-N-052 Robust Mobile Robot Map Building Using Sonar and Vision : Evolving the navigation abilities of the ApriAlpha home robot(Home Robot and Mechatronics 2,Mega-Integration in Robotics and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30 Mechatronics (Robomec), 2005, 2005, 189.	0.0	0
143	Collision Detection, Distance Calculation and Proximity Sensor Simulation using Oriented Bounding Box Trees(Sensing and Data Fusion,Session: MA1-A). The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2004, 2004.4, 19.	0.0	2
144	Patent Activities in the Robotic Industry â€”Robots in Practical Use and Their Patentsâ€”. Journal of the Robotics Society of Japan, 2004, 22, 316-319.	0.0	0

#	ARTICLE	IF	CITATIONS
145	A collaborative multi-site teleoperation over an ISDN. <i>Mechatronics</i> , 2003, 13, 957-979.	2.0	20
146	Open Robot Controller Architecture (ORCA). <i>Journal of the Robotics Society of Japan</i> , 2003, 21, 602-608.	0.0	13
147	Development of Integrated Master-Slave Manipulator for Laparoscopic Surgery : Evaluation of Intuitive Manipulability. <i>The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec)</i> , 2002, 2002, 40.	0.0	0
148	Expectation for Intelligent Robots: Apply More Robot Technologies to the Human Society. <i>Journal of the Robotics Society of Japan</i> , 2002, 20, 491-492.	0.0	0
149	Task-based Data Exchange for Teleoperation Through Communication Network.. <i>Journal of the Robotics Society of Japan</i> , 1999, 17, 1114-1125.	0.0	3
150	Locomotion on Truss Structure of Dual-Arm Space Robot.. <i>Journal of the Robotics Society of Japan</i> , 1999, 17, 140-146.	0.0	0
151	A Study of Configuration Recognition and Workability Judgment Method for Modular Manipulator.. <i>Journal of the Robotics Society of Japan</i> , 1997, 15, 408-416.	0.0	4
152	Research Map of Robotics. Design and Control of the Modular Manipulator System: TOMMS.. <i>Journal of the Robotics Society of Japan</i> , 1996, 14, 428-435.	0.0	1
153	Remote Operation Method for Manipulators which Control the Pressure Force.. <i>Journal of the Robotics Society of Japan</i> , 1996, 14, 255-262.	0.0	0
154	Redundancy Control of a Master-Slave Manipulator with a Redundant Slave Arm.. <i>Journal of the Robotics Society of Japan</i> , 1995, 13, 574-579.	0.0	4
155	Multi-control Modes for a Master-slave Manipulator with Different Configurations and Its Maneuverability.. <i>Journal of the Robotics Society of Japan</i> , 1995, 13, 860-865.	0.0	2
156	I. Force Sensing and Control for Teleoperation. <i>IEEJ Transactions on Electronics, Information and Systems</i> , 1995, 115, 1095-1098.	0.1	0
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