

Jang-Myung Lee

List of Publications by Year in descending order

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193
papers

1,734
citations

448610

19
h-index

406436

35
g-index

198
all docs

198
docs citations

198
times ranked

1863
citing authors

#	ARTICLE	IF	CITATIONS
1	Impedance matching control between a human arm and a haptic joystick for long-term. <i>Robotica</i> , 2022, 40, 1880-1893.	1.3	3
2	Boom energy recuperation system and control strategy for hydraulic hybrid excavators. <i>Automation in Construction</i> , 2022, 135, 104046.	4.8	7
3	Performance Improvement of a Pressure Sensor Using Fast Median Algorithm. <i>International Journal of Precision Engineering and Manufacturing</i> , 2022, 23, 459-468.	1.1	5
4	Stability Improvement of Segway Based on Tire Model Using the SEA. <i>Robotica</i> , 2021, 39, 42-54.	1.3	1
5	Stable Robotic Grasping of Multiple Objects using Deep Neural Networks. <i>Robotica</i> , 2021, 39, 735-748.	1.3	9
6	Robust Localization of Unmanned Surface Vehicle Using DDQN-AM. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 1920-1930.	1.6	3
7	Group behavior tracking of <i>Daphnia magna</i> based on motion estimation and appearance models. <i>Ecological Informatics</i> , 2021, 61, 101238.	2.3	3
8	Robust Landing Control of a Quadcopter on a Slanted Surface. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021, 22, 1147-1156.	1.1	8
9	Parallel Fish School Tracking Based on Multiple Appearance Feature Detection. <i>Sensors</i> , 2021, 21, 3476.	2.1	4
10	Precise Curve Motion Control of a Segway by Compensating the Centrifugal Force with SEAs. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 2018-2025.	1.6	0
11	Specular highlight region restoration using image clustering and inpainting. <i>Journal of Visual Communication and Image Representation</i> , 2021, 77, 103106.	1.7	4
12	System for Leveling Landing Surface in Response to Changes in Quadcopter Posture. <i>The Journal of Korea Robotics Society</i> , 2021, 16, 155-163.	0.2	2
13	Time Delay Compensation of a Robotic Arm based on Multiple Sensors for Indirect Teaching. <i>International Journal of Precision Engineering and Manufacturing</i> , 2021, 22, 1841-1851.	1.1	4
14	Singularity Avoidance Path Planning on Cooperative Task of Dual Manipulator Using DDPG Algorithm. <i>The Journal of Korea Robotics Society</i> , 2021, 16, 137-146.	0.2	1
15	Cooperative Control of Manipulator and Human Operator for Direct Teaching. <i>International Journal of Humanoid Robotics</i> , 2021, 18, 2150007.	0.6	2
16	Design of a Sliding Mode Controller with Fuzzy Rules for a 4-DoF Service Robot. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 2869-2881.	1.6	13
17	A very deep two-stream network for crowd type recognition. <i>Neurocomputing</i> , 2020, 396, 522-533.	3.5	9
18	PD Control of a Manipulator with Gravity and Inertia Compensation Using an RBF Neural Network. <i>International Journal of Control, Automation and Systems</i> , 2020, 18, 3083-3092.	1.6	15

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19	Artificial Intelligence-Based Optimal Grasping Control. <i>Sensors</i> , 2020, 20, 6390.	2.1	14
20	Safety Improvement in the Turning Motion using the Series Elastic Actuator. , 2020, , .		0
21	Quadruple-Pad Floor-Mopping Robot. <i>International Journal of Precision Engineering and Manufacturing</i> , 2020, 21, 427-436.	1.1	3
22	Two-Wheel Balancing Robot Foot Plate Control Using Series Elastic Actuator. <i>Lecture Notes in Computer Science</i> , 2020, , 332-340.	1.0	0
23	Control of 3-DOF Robotic Manipulator by Neural Network Based Fuzzy-PD. , 2019, , .		0
24	IMU-Vision based Localization Algorithm for Lunar Rover. , 2019, , .		1
25	Control of 3-DOF Robotic Manipulator by Neural Network Based Fuzzy-PD. <i>International Journal of Precision Engineering and Manufacturing</i> , 2019, 20, 2109-2118.	1.1	2
26	High speed segway control with series elastic actuator for driving stability improvement. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 5449-5459.	0.7	6
27	Fuzzy-PD Controller with Online Gravity Compensation for 3-Dof Manipulator. , 2019, , .		1
28	Energy Optimization Model with Variable Keep-alive cycle Algorithm in Wireless Sensor Network. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 2531-2540.	1.6	4
29	A Study on the Improved Capacitor Voltage Balancing Method for Modular Multilevel Converter Based on Hardware-In-the-Loop Simulation. <i>Electronics (Switzerland)</i> , 2019, 8, 1070.	1.8	14
30	Three-dimensional indoor location estimation using single inertial navigation system with linear regression. <i>Measurement Science and Technology</i> , 2019, 30, 105101.	1.4	5
31	Discrete time delay control for hydraulic excavator motion control with terminal sliding mode control. <i>Mechatronics</i> , 2019, 60, 15-25.	2.0	44
32	A Hybrid Joystick with Impedance Control for a Stable Remote Control of a Mobile Robot. <i>International Journal of Humanoid Robotics</i> , 2019, 16, 1950005.	0.6	1
33	Lyapunov and Sliding Mode Based Leader-follower Formation Control for Multiple Mobile Robots with an Augmented Distance-angle Strategy. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 1314-1321.	1.6	25
34	Robust Positioning and Navigation of a Mobile Robot in an Urban Environment Using a Motion Estimator. <i>Robotica</i> , 2019, 37, 1320-1331.	1.3	7
35	Stable Grasping of Robotic hand using objective function. , 2019, , .		0
36	Using IMU Sensor and EKF Algorithm in Attitude Control of a Quad-Rotor Helicopter. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 933-942.	0.5	2

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37	Driving Stability Improvement of High Speed Segway with The Series Elastic Actuator. Journal of the Institute of Electronics and Information Engineers, 2019, 56, 101-109.	0.0	2
38	Collision Detection Algorithm for 6-DOF Manipulator Through Current Analysis. Journal of the Institute of Electronics and Information Engineers, 2019, 56, 110-118.	0.0	1
39	Object Detection Using CNN for Automatic Landing of drones. Journal of the Institute of Electronics and Information Engineers, 2019, 56, 82-90.	0.0	4
40	Variable Stiffness Series Elastic Actuator Design for Active Suspension. The Journal of Korea Robotics Society, 2019, 14, 131-138.	0.2	2
41	Real Time Transporter Locating System for Shipyard through GNSS and IMU Sensor. Journal of the Society of Naval Architects of Korea, 2019, 56, 439-446.	0.2	3
42	Robust teleoperation in a non-visible environment with a new prediction scheme. Journal of Mechanical Science and Technology, 2018, 32, 835-843.	0.7	2
43	Optimal Control of an Inverted Ball-Driving Robot Based upon Slip Patterns. International Journal of Humanoid Robotics, 2018, 15, 1850007.	0.6	0
44	Adaptive Fuzzy Super-twisting Backstepping Control Design for MIMO Nonlinear Strict Feedback Systems. International Journal of Control, Automation and Systems, 2018, 16, 1165-1178.	1.6	14
45	Tracking Error Constrained Terminal Sliding Mode Control for Ball-Screw Driven Motion Systems with State Observer. International Journal of Precision Engineering and Manufacturing, 2018, 19, 359-366.	1.1	12
46	Cooperative control system of the floating cranes for the dual lifting. International Journal of Naval Architecture and Ocean Engineering, 2018, 10, 95-102.	1.0	9
47	Robust Navigational System for a Transporter Using GPS/INS Fusion. IEEE Transactions on Industrial Electronics, 2018, 65, 3346-3354.	5.2	59
48	A study on Energy Harvesting based Magnetic Sensor for Wireless Control of JIG Robot. , 2018, , .		2
49	Robust three-dimensional Mapping with Balancing system. , 2018, , .		0
50	Development and Simulation of the Series Elastic Actuator for Force Sensing. , 2018, , .		1
51	A leaf vein detection scheme for locating individual plant leaves. , 2018, , .		2
52	Adaptive finite-time backstepping control for a two-wheeled mobile manipulator. Journal of Mechanical Science and Technology, 2018, 32, 5897-5906.	0.7	5
53	Fine dust monitoring system based on Internet of Things. , 2018, , .		9
54	Robust Positioning Algorithm for a Yard Transporter Using GPS Signals with a Modified FDI and HDOP. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1107-1113.	1.1	4

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55	Deep Learning Based on Smooth Driving for Autonomous Navigation. , 2018, , .		5
56	Three-Dimensional Pedestrian Position Estimation Algorithm Using Waist-Mounted IMU Sensor. Journal of Institute of Control, Robotics and Systems, 2018, 24, 453-459.	0.1	1
57	Natural Behavior Learning Based on Deep Reinforcement Learning for Autonomous Navigation of Mobile Robots. Journal of Institute of Control, Robotics and Systems, 2018, 24, 256-262.	0.1	1
58	Electronic Compact Full-Active Suspension System based on Series Elastic Actuator for Personal Mobility. Journal of the Institute of Electronics and Information Engineers, 2018, 55, 82-88.	0.0	1
59	Enhancement of Mobile Robot Stability and Hardware Based on Reinforcement Learning. Proceedings of International Conference on Artificial Life and Robotics, 2018, 23, 302-305.	0.1	0
60	Robust visual tracking based on scale invariance and deep learning. Frontiers of Computer Science, 2017, 11, 230-242.	1.6	5
61	Energy-saving trajectory planning for an inverse ball drive robot with Mecanum wheels. International Journal of Control, Automation and Systems, 2017, 15, 752-762.	1.6	6
62	Robust 2D map building with motion-free ICP algorithm for mobile robot navigation. Robotica, 2017, 35, 1845-1863.	1.3	5
63	Assumed model feedforward sliding mode control for a wheeled mobile robot with 3-DOF manipulator systems. Journal of Mechanical Science and Technology, 2017, 31, 1463-1475.	0.7	12
64	Improvement of GPS position estimation using SNR and Doppler. , 2017, , .		1
65	Using current sensing method and fuzzy PID controller for slip phenomena estimation and compensation of mobile robot. , 2017, , .		2
66	Optimal Trajectory Control for Capturing a Mobile Sound Source by a Mobile Robot. International Journal of Humanoid Robotics, 2017, 14, 1750025.	0.6	1
67	A study on the P.H.A.S (Piezoelectric energy Harvesting based Access control System) using motor vibration. , 2017, , .		1
68	Development of robot manipulation technology in ROS environment. , 2017, , .		1
69	Leader-follower formation control for multiple mobile robots by a designed sliding mode controller based on kinematic control method. , 2017, , .		10
70	Predictive control of time-delayed teleoperation in a non-visible environment. , 2017, , .		1
71	3D map building using the LRF and sinusoidal trajectory of a Quadrotor. , 2016, , .		1
72	A real-time people number detection algorithm of scenic spot based on density center clustering. , 2016, , .		0

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73	PID compensating model for design of ship's autopilot. , 2016, , .		2
74	The standard for the selection of the appropriate GPS in the outdoor environment & the analysis of the performance for the improvement of reception. , 2016, , .		2
75	Robust non-model-based sliding mode control for robot manipulator with unknown deadzone and disturbance using preselected tracking performance. , 2016, , .		0
76	New region-based image fusion scheme using the discrete wavelet frame transform. , 2016, , .		1
77	Design and implementation of tourism activity recognition and discovery system. , 2016, , .		4
78	Posture tracking of multiple individual fish for behavioral monitoring with visual sensors. Ecological Informatics, 2016, 36, 190-198.	2.3	23
79	Unicycle Robot Stabilized by the Effect of Gyroscopic Precession and Its Control Realization Based on Centrifugal Force Compensation. IEEE/ASME Transactions on Mechatronics, 2016, 21, 2737-2745.	3.7	21
80	Finite-time sliding surface constrained control for a robot manipulator with an unknown deadzone and disturbance. ISA Transactions, 2016, 65, 307-318.	3.1	60
81	Barrier Lyapunov function-based model-free constraint position control for mechanical systems. Journal of Mechanical Science and Technology, 2016, 30, 3331-3338.	0.7	12
82	Navigation System of UUV Using Multi-Sensor Fusion-Based EKF. Journal of Institute of Control, Robotics and Systems, 2016, 22, 562-569.	0.1	7
83	In Situ 3D Segmentation of Individual Plant Leaves Using a RGB-D Camera for Agricultural Automation. Sensors, 2015, 15, 20463-20479.	2.1	74
84	Decentralized neural network control for guaranteed tracking error constraint of a robot manipulator. International Journal of Control, Automation and Systems, 2015, 13, 906-915.	1.6	20
85	Notice of Removal Three-dimensional plant leaf mapping and segmentation using kinect camera. , 2015, , .		4
86	Sub-assembly welding robot system at shipyards. , 2015, , .		3
87	Vision based robot for recognizing and grasping fast moving conveyor products. , 2015, , .		0
88	Balancing and driving control of a ball robot using fuzzy control. , 2015, , .		7
89	Trajectory following control of mobile inverted pendulum robot with pre-determined tilt angle. Journal of Mechanical Science and Technology, 2015, 29, 5417-5424.	0.7	1
90	Adaptive neural network based PI sliding mode control of nonholonomic mobile robot. , 2015, , .		1

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91	Integrated navigation and control for a HAUV system using adaptive super-twisting sliding mode control and indirect Kalman filtering estimation. , 2015, , .		1
92	Balancing control of mobile manipulator with sliding mode controller. , 2015, , .		1
93	Stable control of the bicycle robot on a curved path by using a reaction wheel. Journal of Mechanical Science and Technology, 2015, 29, 2219-2226.	0.7	20
94	Notice of Removal Mobile robot indoor localization using SURF algorithm based on LRF sensor. , 2015, , .		2
95	Prescribed performance fuzzy backstepping control for nonlinear large-scale systems. International Journal of Control, Automation and Systems, 2015, 13, 1508-1520.	1.6	12
96	De-noising filter study of the sound-source using the DWT. , 2014, , .		0
97	3D map building for a moving based on mobile robot. , 2014, , .		3
98	Static attitude control for underwater robots using multiple ballast tanks. IEEJ Transactions on Electrical and Electronic Engineering, 2014, 9, S49.	0.8	6
99	Navigation system development of the Underwater Vehicles using the GPS / INS sensor fusion. , 2014, , .		12
100	Beacon selection and calibration for the efficient localization of a mobile robot. Robotica, 2014, 32, 115-131.	1.3	4
101	Recurrent fuzzy neural network backstepping control for the prescribed output tracking performance of nonlinear dynamic systems. ISA Transactions, 2014, 53, 33-43.	3.1	87
102	Path planning of 5-DOF manipulator based on maximum mobility. International Journal of Precision Engineering and Manufacturing, 2014, 15, 45-52.	1.1	8
103	Cornering stability enhancement algorithm for in-wheel electric vehicle. , 2014, , .		4
104	Sound signal following control of a mobile robot with the estimation of the sound source location by a microphone array. , 2014, , .		0
105	3D map building for slopes based on modeling of mobile robot. , 2014, , .		1
106	Sampling of Bemisia tabaci adults using a pre-programmed autonomous pest control robot. Journal of Asia-Pacific Entomology, 2014, 17, 737-743.	0.4	14
107	2D grid map building using ICP algorithm and line extraction. , 2014, , .		0
108	Improved performance of a low-cost PDR system through sensor calibration and analysis. , 2014, , .		2

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109	LQR Controller Design for Balancing and Driving Control of a Bicycle Robot. Journal of Institute of Control, Robotics and Systems, 2014, 20, 551-556.	0.1	1
110	Tactile Navigation System using a Haptic Device. Journal of Institute of Control, Robotics and Systems, 2014, 20, 807-814.	0.1	3
111	The Tracking of a Moving Object by a Mobile Robot Following the Object's Sound. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 71, 31-42.	2.0	7
112	Plant leaf detection using modified active shape models. Biosystems Engineering, 2013, 116, 23-35.	1.9	42
113	Efficient driving of tracking robot using kalman filters. , 2013, , .		0
114	Enhanced outdoor localization of multi-GPS/INS fusion system using Mahalanobis Distance. , 2013, , .		6
115	Impulse noise removal of LRF for 3D map building using a hybrid median filter. , 2013, , .		0
116	Control of Two-Wheeled Mobile Manipulator with Vision Servoing. , 2013, , .		0
117	Backstepping sliding mode control with FWNN for strict output feedback non-smooth nonlinear dynamic system. International Journal of Control, Automation and Systems, 2013, 11, 398-409.	1.6	12
118	Decoupled Dynamic Control for Pitch and Roll Axes of the Unicycle Robot. IEEE Transactions on Industrial Electronics, 2013, 60, 3814-3822.	5.2	47
119	State control of a 12 DOF mobile manipulator via centroid feedback. International Journal of Precision Engineering and Manufacturing, 2013, 14, 745-754.	1.1	5
120	Haptic realization for user recognition using vibration pattern. , 2013, , .		2
121	Precise outdoor localization with a GPS-INS integration system. Robotica, 2013, 31, 371-379.	1.3	9
122	Height estimation scheme of low-cost pedestrian dead-reckoning system using Kalman Filter and walk condition estimation algorithm. , 2013, , .		0
123	ANALYSIS OF MOVEMENT BEHAVIOR OF ZEBRAFISH (<i>DANIO RERIO</i>) UNDER CHEMICAL STRESS USING HIDDEN MARKOV MODEL. Modern Physics Letters B, 2013, 27, 1350014.	1.0	14
124	Advanced VDC simulations of In-wheel electric vehicle using Carsim and Simulink. World Electric Vehicle Journal, 2013, 6, 95-99.	1.6	1
125	Tracking of a moving object by following the sound source. , 2012, , .		0
126	Noise removal of LRF for 3D map building using the superposition median filter. , 2012, , .		2

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127	A perception-motivated image interpolation algorithm. , 2012, , .		1
128	Driving control of mobile inverted pendulum. , 2012, , .		7
129	A new fast interpolation method based on edge extraction. , 2012, , .		0
130	The research on cross-media information retrieval system based on food safety emergencies. , 2012, , .		0
131	Multi-focus image fusion algorithm based on NSCT. , 2012, , .		1
132	Design of a fuzzy control system for two wheeled inverted. , 2012, , .		0
133	Waist mounted Pedestrian Dead-Reckoning system. , 2012, , .		11
134	A 3D map building algorithm using a single LRF on a mobile robot. , 2012, , .		1
135	A dynamic localization algorithm for a high-speed mobile robot using indoor GPS. Robotica, 2012, 30, 681-690.	1.3	4
136	Adaptive fuzzy backstepping dynamic surface control for output-constrained non-smooth nonlinear dynamic system. International Journal of Control, Automation and Systems, 2012, 10, 684-696.	1.6	68
137	Robust navigation algorithm of the fishlike robot in the unknown underwater environment. , 2012, , .		1
138	PD-Fuzzy control for the velocity of mobile robot using the haptic joystick. , 2012, , .		2
139	Fault Detection on Transmission Lines Using a Microphone Array and an Infrared Thermal Imaging Camera. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 267-275.	2.4	68
140	Balancing and Driving Control of a Bicycle Robot. Journal of Institute of Control, Robotics and Systems, 2012, 18, 532-539.	0.1	9
141	Beacon scheduling for efficient localization of a mobile robot. , 2011, , .		2
142	The method of roll maintain for spherical robot of torque driven type from the external impact. , 2011, , .		0
143	A Beacon Color Code Scheduling for the Localization of Multiple Robots. IEEE Transactions on Industrial Informatics, 2011, 7, 467-475.	7.2	22
144	A Balancing Control Strategy for a One-Wheel Pendulum Robot Based on Dynamic Model Decomposition: Simulations and Experiments. IEEE/ASME Transactions on Mechatronics, 2011, 16, 763-768.	3.7	40

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145	Gain-scheduling control of a 6-DOF single-wheeled pendulum robot based on DIT parameterization. , 2011, , .		3
146	Localization of a high-speed mobile robot using global features. Robotica, 2011, 29, 757-765.	1.3	9
147	Estimation of Attitude and Position of Moving Objects Using Multi-filtered Inertial Navigation System. Transactions of the Korean Institute of Electrical Engineers, 2011, 60, 2339-2345.	0.1	8
148	Beacon Scheduling Algorithm for Localization of a Mobile Robot. Lecture Notes in Computer Science, 2011, , 594-603.	1.0	0
149	Applications of dual-electric compasses to spreader pose control. International Journal of Control, Automation and Systems, 2010, 8, 433-438.	1.6	1
150	Hazardous area navigation with temporary beacons. International Journal of Control, Automation and Systems, 2010, 8, 1082-1090.	1.6	10
151	Indoor localization system in a multi-block workspace. Robotica, 2010, 28, 397-403.	1.3	12
152	Trajectory planning of autonomous robot using advanced fuzzy controller. , 2010, , .		2
153	Efficient localization of multiple robots in a wide space. , 2010, , .		1
154	A Precise Localization Method for a High Speed Mobile Robot using iGS and Dual Compass. Journal of Institute of Control, Robotics and Systems, 2010, 16, 1182-1188.	0.1	2
155	Localization of Multiple Robots in a Wide Area. Journal of Institute of Control, Robotics and Systems, 2010, 16, 293-299.	0.1	6
156	Detection of existence and movement of magnetized steel balls in aluminum products. , 2009, , .		0
157	A stereo vision based method for autonomous spray of pesticides to plant leaves. , 2009, , .		3
158	Cornering stability improvement for 4 wheel drive hybrid electric vehicle. , 2009, , .		3
159	An indoor localization system in a multiblock workspace. Artificial Life and Robotics, 2009, 13, 493-499.	0.7	3
160	Concurrent localization of multiple robots. Artificial Life and Robotics, 2009, 14, 297-300.	0.7	1
161	Inspection of Insulators on High-Voltage Power Transmission Lines. IEEE Transactions on Power Delivery, 2009, 24, 2319-2327.	2.9	42
162	Implementation of Spreader Pose Control Using Dual-Electric Compasses. IEEE Sensors Journal, 2009, 9, 69-1.	2.4	6

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163	Localization of a high-speed mobile robot using global features. , 2009, , .		4
164	A precise curved motion planning for a differential driving mobile robot. Mechatronics, 2008, 18, 486-494.	2.0	36
165	Enhancement of the speed response of PMSM sensorless control using an improved adaptive sliding mode observer. , 2008, , .		4
166	A novel adaptive current regulator for Permanent Magnet Synchronous Motor based on modified current dynamics. , 2008, , .		3
167	A dynamic localization algorithm for mobile robots using the iGS system. , 2008, , .		0
168	Localization Algorithm for a mobile robot using iGS. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2008, 41, 742-747.	0.4	9
169	Trajectory estimation of a moving object using Kalman filter and Kohonen networks. Robotica, 2007, 25, 567-574.	1.3	2
170	Nonlinear Compensation of a New Noncontact Joystick Using the Universal Joint Mechanism. IEEE/ASME Transactions on Mechatronics, 2007, 12, 549-556.	3.7	13
171	A new tag arrangement pattern for a differential driving mobile robot based on RFID system. , 2007, , .		2
172	An Efficient Localization Scheme for a Differential-Driving Mobile Robot Based on RFID System. IEEE Transactions on Industrial Electronics, 2007, 54, 3362-3369.	5.2	200
173	Tele-operation of a Mobile Robot Using a Force Reflection Joystick with a Single Hall Sensor. , 2007, , .		15
174	An Efficient Localization Algorithm for Mobile Robots based on RFID System. , 2006, , .		27
175	Linux-based Real Time Monitoring System of Mobile Robots. , 2006, , .		1
176	Tactile tele-operation of a mobile robot with a collision vector. Robotica, 2006, 24, 11-21.	1.3	7
177	Novel Universal Joint Joystick Based on Linear Compensation. , 2006, , .		0
178	Magnetic-interference-free dual-electric compass. Sensors and Actuators A: Physical, 2005, 120, 441-450.	2.0	18
179	Trajectory estimation of a moving object using Kohonen networks. Artificial Life and Robotics, 2005, 9, 36-40.	0.7	4
180	Time optimal trajectory planning for a robot system under torque and impulse constraints. , 2004, , .		0

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181	Optimal Representative Blocks for the Efficient Tracking of a Moving Object. Journal of Field Robotics, 2004, 21, 117-127.	0.7	3
182	A new space and time sensor fusion method for mobile robot navigation. Journal of Field Robotics, 2004, 21, 389-400.	0.7	4
183	Space and time sensor fusion using an active camera for mobile robot navigation. Artificial Life and Robotics, 2004, 8, 95-100.	0.7	1
184	Adaptive impedance control of a haptic interface. Mechatronics, 2004, 14, 237-253.	2.0	29
185	Measurement of 3D Spreader Position Information using the CCD Cameras and a Laser Distance Measuring Unit. Journal of Navigation and Port Research, 2004, 28, 323-331.	0.1	2
186	The position/Orientation determination of a mobile-task robot using an active calibration scheme. Journal of Mechanical Science and Technology, 2003, 17, 1431-1442.	0.4	1
187	A study on the optimal path of a mobile robot based on mobility and recurrency. Artificial Life and Robotics, 2002, 6, 133-139.	0.7	0
188	Optimal configuration control for a mobile manipulator. Journal of Mechanical Science and Technology, 2000, 14, 605-621.	0.4	2
189	Neuro-fuzzy performance management of factory automation networks. , 0, , .		0
190	Concurrent bilateral teleoperation over the Internet. , 0, , .		2
191	A new space and time sensor fusion for vision-based navigation by mobile robot system. , 0, , .		0
192	Internet-based obstacle avoidance of mobile robot using a force-reflection. , 0, , .		9
193	A dynamic precedence queue mechanism to assign efficient bandwidth in CAN networks. , 0, , .		7