Ryo Kurazume

List of Publications by Year
in descending order

221	1,867	516710 16	501196 28
papers	citations	h-index	g-index

222	222	222	1387
all docs	docs citations	times ranked	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	Artificial Intelligence for Segmentation of Bladder Tumor Cystoscopic Images Performed by U-Net with Dilated Convolution. Journal of Endourology, 2022, 36, 827-834.	2.1	12
3	Preface to Special Issue on the 21st SICE System Integration Division Annual Conference. Transactions of the Society of Instrument and Control Engineers, 2022, 58, 1-1.	0.2	0
4	Development of AR training systems for Humanitude dementia care. Advanced Robotics, 2022, 36, 344-358.	1.8	7
5	Mobile Robot Navigation Using Learning-Based Method Based on Predictive State Representation in a Dynamic Environment. , 2022, , .		2
6	Development of a Chair to Support Human Standing Motion -Seat movement mechanism using zip chain actuator-. , 2022, , .		3
7	2V-Gait: Gait Recognition using 3D LiDAR Robust to Changes in Walking Direction and Measurement Distance. , 2022, , .		6
8	Gait Recognition using Identity-Aware Adversarial Data Augmentation. , 2022, , .		2
9	Near-future perception system: Previewed Reality. Advanced Robotics, 2021, 35, 19-30.	1.8	1
10	Development of a tour guide and co-experience robot system using the quasi-zenith satellite system and the 5th-generation mobile communication system at a Theme Park. ROBOMECH Journal, 2021, 8, .	1.6	0
11	Modeling of hyper-adaptability: from motor coordination to rehabilitation. Advanced Robotics, 2021, 35, 802-817.	1.8	5
12	Teleoperation Method by Illusion of Human Intention and Time. , 2021, , .		3
13	Speed invariant gait recognitionâ€"The enhanced mutual subspace method. PLoS ONE, 2021, 16, e0255927.	2.5	1
14	A Deep Learning-Based Method for Predicting Volumes of Nasopharyngeal Carcinoma for Adaptive Radiation Therapy Treatment. , 2021, , .		0
15	Classification of Motor Impairments of Post-Stroke Patients Based on Force Applied to a Handrail. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2021, 29, 2399-2406.	4.9	6
16	Learning to Drop Points for LiDAR Scan Synthesis. , 2021, , .		6
17	First-person Video Analysis for Evaluating Skill Level in the Humanitude Tender-Care Technique. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 98, 103-118.	3.4	13
18	Virtual IR Sensing for Planetary Rovers: Improved Terrain Classification and Thermal Inertia Estimation. IEEE Robotics and Automation Letters, 2020, 5, 6302-6309.	5.1	2

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19	Gait-based person identification using 3D LiDAR and long short-term memory deep networks. Advanced Robotics, 2020, 34, 1201-1211.	1.8	20
20	A New 3D Motion and Force Measurement System for Sport Climbing. , 2020, , .		4
21	Special Issue on Elderly Care Robotics â€“ Technology and Ethics. Journal of Intelligent and Robotic Systems: Theory and Applications, 2020, 98, 3-4.	3.4	3
22	Quasi-Zenith Satellite System-based Tour Guide Robot at a Theme Park. , 2020, , .		4
23	Development of dementia care training system based on augmented reality and whole body wearable tactile sensor. , 2020, , .		7
24	A Method for Predicting Dose Distribution of Nasopharyngeal Carcinoma Cases by Multiple Deep Neural Networks. , 2020, , .		2
25	GAN-Based Method for Synthesizing Multi-focus Cell Images. Lecture Notes in Computer Science, 2020, , 100-107.	1.3	2
26	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, 2020, 1A1-D09.	0.0	1
27	3D Image Reconstruction from Multi-focus Microscopic Images. Lecture Notes in Computer Science, 2020, , 73-85.	1.3	1
28	Lifelogging caption generation via fourth-person vision in a humanâ€“robot symbiotic environment. ROBOMECH Journal, 2020, 7, .	1.6	2
29	Inflatable Robotic Arm with Overlaid Plastic Sheet Structure. , 2019, , .		0
30	3D segmentation of nasopharyngeal carcinoma from CT images using cascade deep learning. Computerized Medical Imaging and Graphics, 2019, 77, 101644.	5.8	29
31	Spatial change detection using voxel classification by normal distributions transform. , 2019, , .		7
32	Development of mobile sensor terminals â€œPortable Goâ€•for navigation in informationally structured and unstructured environments. ROBOMECH Journal, 2019, 6, .	1.6	0
33	Sensor terminal â€Portableâ€•for intelligent navigation of personal mobility robots in informationally structured environment. , 2019, , .		2
34	Development of an Inflatable Robotic Arm on Mobile Platform for Fetch-and-Give Tasks. , 2019, , .		1
35	TU-Net and TDeepLab: Deep Learning-Based Terrain Classification Robust to Illumination Changes, Combining Visible and Thermal Imagery. , 2019, , .		16
36	Fukuoka datasets for place categorization. International Journal of Robotics Research, 2019, 38, 507-517.	8.5	8

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37	MU-Net: Deep Learning-Based Thermal IR Image Estimation From RGB Image. , 2019, , .		8
38	Ancient pelvis reconstruction from collapsed component bones using statistical shape models. Machine Vision and Applications, 2019, 30, 59-69.	2.7	0
39	Dose Distribution Prediction for Optimal Treamtment of Modern External Beam Radiation Therapy for Nasopharyngeal Carcinoma. Lecture Notes in Computer Science, 2019, , 128-136.	1.3	3
40	Brain volume mapping for constructing volumetric statistical shape model. , 2019, , .		1
41	Spatial change detection using normal distributions transform. ROBOMECH Journal, 2019, 6, .	1.6	3
42	Fast modified Self-organizing Deformable Model: Geometrical feature-preserving mapping of organ models onto target surfaces with various shapes and topologies. Computer Methods and Programs in Biomedicine, 2018, 157, 237-250.	4.7	4
43	Fourth-Person Captioning: Describing Daily Events by Uni-supervised and Tri-regularized Training. , 2018, , .		1
44	Development of ROS-TMS 5.0 for informationally structured environment. ROBOMECH Journal, 2018, 5, .	1.6	8
45	Learning geometric and photometric features from panoramic LiDAR scans for outdoor place categorization. Advanced Robotics, 2018, 32, 750-765.	1.8	3
46	Hexahedron Model Generation of Human Organ by Self-Organizing Deformable Model. , 2018, , .		0
47	Virtual Sensors Determined Through Machine Learning. , 2018, , .		2
48	Making gait recognition robust to speed changes using mutual subspace method. , 2017, , .		6
49	Object classification with range and reflectance data from a single laser scanner. Proceedings of SPIE, 2017, , .	0.8	0
50	Feasibility study of IoRT platform â€œBig Sensor Boxâ€• , 2017, , .		9
51	Automatic large-scale three dimensional modeling using cooperative multiple robots. Computer Vision and Image Understanding, 2017, 157, 25-42.	4.7	21
52	Introduction to the Robot Town Project and 3-D Co-operative Geometrical Modeling Using Multiple Robots. Springer Tracts in Advanced Robotics, 2017, , 505-523.	0.4	4
53	Motion control for robotic arm with rotational counterweights. , 2017, , .		0
54	Previewed reality: Near-future perception system. , 2017, , .		1

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55	IoT Plaltform for a Service Robot. Journal of the Robotics Society of Japan, 2017, 35, 93-96.	0.1	0
56	Recognizing outdoor scenes by convolutional features of omni-directional LiDAR scans. , 2017, , .		0
57	Deep Learning-based Prediction Method for People Flows and Their Anomalies. , 2017, , .		1
58	A method for mapping tissue volume model onto target volume using volumetric self-organizing deformable model. Proceedings of SPIE, 2016, , .	0.8	1
59	Automatic houseware registration system for informationally-structured environment. , 2016, , .		0
60	Stable aerial image registration for people detection from a low-altitude aerial vehicle. , 2016, , .		0
61	Multi-modal panoramic 3D outdoor datasets for place categorization. , 2016, , .		6
62	Object tracking system by integrating multi-sensored data. , 2016, , .		2
63	Angle- and volume-preserving mapping of organ volume model based on modified Self-organizing Deformable Model. , 2016, , .		1
64	Local N-ary Patterns: a local multi-modal descriptor for place categorization. Advanced Robotics, 2016, 30, 402-415.	1.8	6
65	Volume Representation of Parenchymatous Organs by Volumetric Self-organizing Deformable Model. Lecture Notes in Computer Science, 2016, , 39-50.	1.3	3
66	Automatic planning of laser measurements for a large-scale environment using CPS-SLAM system. , 2015, , .		2
67	First-person activity recognition with C3D features from optical flow images. , 2015, , .		4
68	Automatic Planning of Laser Measurements for a Large-scale Environment using CPS-SLAM System. Journal of the Robotics Society of Japan, 2015, 33, 263-274.	0.1	0
69	Motion planning for fetch-and-give task using wagon and service robot. , 2015, , .		6
70	Stable Image Registration for People Tracking from the Sky. , 2015, , .		3
71	Fourth-person sensing for a service robot. , 2015, , .		3
72	Altitude estimation using particle filter with monopulse radars in a multipath environment. , 2015, , .		0

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73	Grasp stability evaluation based on energy tolerance in potential field. , 2015, , .		1
74	Control architecture for service drone in informationally structured environment. , 2015, , .		2
75	Service robot system with an informationally structured environment. Robotics and Autonomous Systems, 2015, 74, 148-165.	5.1	48
76	An Informationally Structured Room for Robotic Assistance. Sensors, 2015, 15, 9438-9465.	3.8	8
77	Gait Recognition Robust to Speed Transition Using Mutual Subspace Method. Lecture Notes in Computer Science, 2015, , 141-149.	1.3	9
78	Immersive VR interface for informationally structured environment. , 2015, , .		4
79	Gait-Based Person Identification Method Using Shadow Biometrics for Robustness to Changes in the Walking Direction. , 2015, , .		19
80	Area- and Angle-Preserving Parameterization for Vertebra Surface Mesh. Lecture Notes in Computational Vision and Biomechanics, 2015, , 187-198.	0.5	3
81	The Outdoor LiDAR Dataset for Semantic Place Labeling. The Abstracts of the International Conference on Advanced Mechatronics Toward Evolutionary Fusion of IT and Mechatronics ICAM, 2015, 2015.6, 154-155.	0.0	0
82	First-Person Animal Activity Recognition from Egocentric Videos. , 2014, , .		46
83	Manual/automatic colorization for three-dimensional geometric models utilizing laser reflectivity. Advanced Robotics, 2014, 28, 1637-1651.	1.8	0
84	Floor Sensing System Using Laser Reflectivity for Localizing Everyday Objects and Robot. Sensors, 2014, 14, 7524-7540.	3.8	13
85	Grasp planning for constricted parts of objects approximated with quadric surfaces. , 2014, , .		15
86	Two-dimensional local ternary patterns using synchronized images for outdoor place categorization. , 2014, , .		0
87	Gait Identification Using Invisible Shadows: Robustness to Appearance Changes. , 2014, , .		10
88	Fourth-Person Sensing for Pro-active Services. , 2014, , .		0
89	Estimation of brain internal structures by deforming brain atlas using finite element method. , 2014, 2014, 5558-61.		1
90	Noise-estimate Particle PHD filter. , 2014, , .		1

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91	Identification of people walking along curved trajectories. Pattern Recognition Letters, 2014, 48, 60-69.	4.2	32
92	Indoor Place Categorization Using Co-occurrences of LBPs in Gray and Depth Images from RGB-D Sensors. , 2014, , .		3
93	Grasp stability analysis for elastic fingertips by using potential energy. , 2014, , .		2
94	A method for identifying distribution pattern of cone cells in retina image. , 2014, , .		0
95	Colorization of 3D geometric model utilizing laser reflectivity. , 2013, , .		1
96	Measurement and estimation of indoor human behavior of everyday life based on floor sensing with minimal invasion of privacy. , 2013, , .		2
97	Grasp planning using quadric surface approximation for parallel grippers. , 2013, , .		6
98	ND voxel localization using large-scale 3D environmental map and RGB-D camera. , 2013, , .		12
99	Tissue Surface Model Mapping onto Arbitrary Target Surface Based on Self-Organizing Deformable Model. , 2013, , .		5
100	Abnormal Behavior Detection Using Privacy Protected Videos. , 2013, , .		4
101	Expanding gait identification methods from straight to curved trajectories. , 2013, , .		4
102	Gait-Based Person Identification Robust to Changes in Appearance. Sensors, 2013, 13, 7884-7901.	3.8	56
103	Dynamic grasping of an arbitrary polyhedral object. Robotica, 2013, 31, 511-523.	1.9	12
104	Navigation system with real-time finite element analysis for minimally invasive surgery. , 2013, 2013, 2996-9.		3
105	Range image smoothing and completion utilizing laser intensity. Advanced Robotics, 2013, 27, 947-958.	1.8	4
106	Categorization of indoor places by combining local binary pattern histograms of range and reflectance data from laser range finders. Advanced Robotics, 2013, 27, 1455-1464.	1.8	13
107	Hole-free texture mapping based on laser reflectivity. , 2013, , .		0
108	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

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109	Global Localization for Mobile Robot using Large-scale 3D Environmental Map and RGB-D Camera. Journal of the Robotics Society of Japan, 2013, 31, 896-906.	0.1	3
110	The Intelligent Room for Elderly Care. Lecture Notes in Computer Science, 2013, , 103-112.	1.3	3
111	Robust Global Localization Using Laser Reflectivity. Journal of Robotics and Mechatronics, 2013, 25, 38-52.	1.0	3
112	Categorization of Indoor Places Using the Kinect Sensor. Sensors, 2012, 12, 6695-6711.	3.8	46
113	Iterative learning control for a musculoskeletal arm: Utilizing multiple space variables to improve the robustness. , 2012, , .		12
114	Robust visual servoing for object manipulation with large time-delays of visual information. , 2012, , .		9
115	A method for constructing real-time FEM-based simulator of stomach behavior with large-scale deformation by neural networks. Proceedings of SPIE, 2012, , .	0.8	4
116	Tracing Commodities in Indoor Environments for Service Robotics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 71-76.	0.4	2
117	Size-adaptive hepatocellular carcinoma detection from 3D CT images based on the level set method. , 2012, , .		0
118	Position tracking and recognition of everyday objects by using sensors embedded in an environment and mounted on mobile robots. , 2012, , .		7
119	Finding People by their Shadows: Aerial Surveillance Using Body Biometrics Extracted from Ground Video. , 2012, , .		2
120	High-precision three-dimensional laser measurement system by cooperative multiple mobile robots. , 2012, , .		4
121	Gait identification using shadow biometrics. Pattern Recognition Letters, 2012, 33, 2148-2155.	4.2	20
122	Gait identification from invisible shadows. , 2012, , .		6
123	Laser-based geometrical modeling of large-scale architectural structures using co-operative multiple robots. Autonomous Robots, 2012, 32, 49-62.	4.8	11
124	Smoothing Range Image using Trilateral Filter and Reflectance Image. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 291-298.	0.2	0
125	Development of 3D Scanning System Using Automatic Guiding Total Station. Journal of Robotics and Mechatronics, 2012, 24, 992-999.	1.0	4
126	Appearance and map-based global localization using laser reflectivity. , 2011, , .		1

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127	Denoising of range images using a trilateral filter and belief propagation. , 2011, , .		8
128	Robot localization under perceptual aliasing conditions based on laser reflectivity using particle filter. , 2011, , .		4
129	Robust manipulation for temporary lack of sensory information by a multi-fingered hand-arm system. , 2011, , .		3
130	Dynamic object manipulation using a multi-fingered hand-arm system: Enhancement of a grasping capability using relative attitude constraints of fingers. , 2011, , .		5
131	Deflection-based force sensing for continuum robots: A probabilistic approach. , 2011, , .		3
132	Detecting Frequent Patterns in Time Series Data using Partly Locality Sensitive Hashing. Journal of the Robotics Society of Japan, 2011, 29, 67-76.	0.1	2
133	Detecting Frequent Patterns in Video Using Partly Locality Sensitive Hashing. Lecture Notes in Computer Science, 2011, , 287-296.	1.3	0
134	HELIOS Tracked Robot Team: Mobile RT System for Special Urban Search and Rescue Operations. Journal of Robotics and Mechatronics, 2011, 23, 1041-1054.	1.0	8
135	Denoising of range images using a trilateral filter and belief propagation. , 2011, , .		1
136	Robust manipulation for temporary lack of sensory information by a multi-fingered hand-arm system. , 2011, , .		0
137	Multi-Part People Detection Using 2D Range Data. International Journal of Social Robotics, 2010, 2, 31-40.	4.6	74
138	Sensory feedback attitude control for a grasped object by a multi-fingered hand-arm system. , 2010, , .		2
139	Position tracking system for commodities in an indoor environment. , 2010, , .		2
140	Detecting repeated patterns using Partly Locality Sensitive Hashing. , 2010, , .		2
141	Position tracking system of everyday objects in an everyday environment. , 2010, , .		6
142	Automatic construction of gesture network for gesture recognition. , 2010, , .		1
143	People identification using shadow dynamics. , 2010, , .		8
144	A tactile sensing for estimating the position and orientation of a joint-axis of a linked object. , 2010, , .		0

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145	Person Identification from Spatio-temporal 3D Gait. , 2010, , .		41
146	A Decision Method for Placement of Tactile Elements on a Sensor Glove for the Recognition of Grasp Types. IEEE/ASME Transactions on Mechatronics, 2010, 15, 157-162.	5.8	17
147	Model-based motion tracking system using distributed network cameras. , 2010, , .		3
148	Automatic laser-based geometrical modeling using multiple mobile robots. , 2010, , .		1
149	Person Identification using Shadow Analysis. , 2010, , .		10
150	Simultaneous Tracking of Multiple Targets Using SIR/MCMC Particle Filters by Distributed Cameras and Laser Range Finders. Journal of the Robotics Society of Japan, 2010, 28, 65-76.	0.1	4
151	Segmentation method of human manipulation task based on measurement of force imposed by a human hand on a grasped object. , 2009, , .		4
152	Dynamic grasping for an arbitrary polyhedral object by a multi-fingered hand-arm system. , 2009, , .		9
153	Person identification from human walking sequences using affine moment invariants. , 2009, , .		18
154	Detecting repeated motion patterns via Dynamic Programming using motion density. , 2009, , .		4
155	HELIOS system: A team of tracked robots for special urban search and rescue operations. , 2009, , .		27
156	HELIOS carrier: Tail-like mechanism and control algorithm for stable motion in unknown environments. , 2009, , .		15
157	3D reconstruction of a femoral shape using a parametric model and two 2D fluoroscopic images. Computer Vision and Image Understanding, 2009, 113, 202-211.	4.7	31
158	Laser-based geometric modeling using cooperative multiple mobile robots. , 2009, , .		19
159	Autonomously generating a 3D map of unknown environment by using mobile robots equipped with LRF. , 2009, , .		3
160	Development of Pseudo 3D Visualization System by Superimposing Ultrasound Images. , 2009, , .		1
161	Supporting Robotic Activities in Informationally Structured Environment with Distributed Sensors and RFID Tags. Journal of Robotics and Mechatronics, 2009, 21, 453-459.	1.0	13
162	Visual Tracking of an Object with its Motion Information. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 977-984.	0.2	0

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163	Fast 3D reconstruction of human shape and motion tracking by parallel fast level set method. , 2008, , .		6
164	Target tracking using SIR and MCMC particle filters by multiple cameras and laser range finders. , 2008, , .		27
165	Calibration of distributed vision network in unified coordinate system by mobile robots. , 2008, , .		7
166	Learning meaningful interactions from repetitious motion patterns. , 2008, , .		2
167	A structured environment with sensor networks for intelligent robots. , 2008, , .		23
168	A decision method for the placement of mechanical tactile elements for grasp type recognition. , 2008, , .		2
169	A decision method for the placement of tactile sensors for manipulation task recognition. , 2008, , .		1
170	Simultaneous Registration of 2D Images onto 3D Models for Texture Mapping. , 2008, , 237-278.		2
171	Real-Time Nonlinear FEM with Neural Network for Simulating Soft Organ Model Deformation. Lecture Notes in Computer Science, 2008, 11, 742-749.	1.3	17
172	Technical Introduction of the Common Platform in Robot Town Project. Journal of the Robotics Society of Japan, 2008, 26, 415-419.	0.1	1
173	Parallel Alignment of a Large Number of Range Images. , 2008, , 109-126.		5
174	Tracking of Moving Objects in Three-dimensional Space. Journal of the Robotics Society of Japan, 2008, 26, 314-317.	0.1	1
175	A Fast Simultaneous Alignment of Multiple Range Images. , 2008, , 89-107.		0
176	Iterative Refinement of Range Images with Anisotropic Error Distribution. , 2008, , 193-205.		7
177	Segmentation of Images on Polar Coordinate Meshes. , 2007, , .		1
178	3D reconstruction of a femoral shape using a parametric model and two 2D fluoroscopic images. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	5
179	Recognition of Manipulation Sequences by Human Hand Based on Support Vector Machine. , 2007, , .		0
180	Fast modelâ€“image registration using a two-dimensional distance map for surgical navigation system. Advanced Robotics, 2007, 21, 751-770.	1.8	4

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181	Robust 2D-3D alignment based on geometrical consistency. International Conference on 3-D Digital Imaging and Modeling, Proceedings, 2007, , .	0.0	2
182	3D laser measurement system for large scale architectures using multiple mobile robots. International Conference on 3-D Digital Imaging and Modeling, Proceedings, 2007, , .	0.0	14
183	Study on CPS SLAM-3D Laser Measurement System for Large Scale Architectures-. Journal of the Robotics Society of Japan, 2007, 25, 1234-1242.	0.1	11
184	Hierarchical face cluster partitioning of polygonal surfaces and high-speed rendering. Systems and Computers in Japan, 2007, 38, 32-43.	0.2	1
185	Fast alignment of 3D geometrical models and 2D grayscale images using 2D distance maps. Systems and Computers in Japan, 2007, 38, 52-62.	0.2	8
186	The Great Buddha Project: Digitally Archiving, Restoring, and Analyzing Cultural Heritage Objects. International Journal of Computer Vision, 2007, 75, 189-208.	15.6	93
187	Logical DP Matching for Detecting Similar Subsequence. , 2007, , 628-637.		11
188	A new index of serial-link manipulator performance combining dynamic manipulability and manipulating force ellipsoids. , 2006, 22, 1022-1028.		52
189	Embodied Proactive Human Interface "PICO-2". , 2006, , .		3
190	Early Recognition and Prediction of Gestures. , 2006, , .		44
191	Construction of Symbolic Representation from Human Motion Information. Lecture Notes in Computer Science, 2006, , 212-219.	1.3	0
192	Early Recognition and Prediction of Gestures for Embodied Proactive Human Interface. Journal of the Robotics Society of Japan, 2006, 24, 954-963.	0.1	2
193	Mapping textures on 3D geometric model using reflectance image. Systems and Computers in Japan, 2005, 36, 92-101.	0.2	11
194	Straight legged walking of a biped robot. , 2005, , .		46
195	Impedance Matching for Serial Link Manipulators. Journal of the Robotics Society of Japan, 2005, 23, 245-253.	0.1	5
196	Real-Time Self-Localization Method by Using Measurements of Directions of Two Landmarks and Dead Reckoning. Journal of the Robotics Society of Japan, 2005, 23, 311-320.	0.1	11
197	3D Tracking of Multiple Moving Objects using Fast Level Set Method. Journal of the Robotics Society of Japan, 2005, 23, 813-820.	0.1	0
198	Levels of detail control based on correlation analysis between surface position and direction. , 2004, , .		3

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199	Robust Positioning Method using Omni-directional Camera and Dead Reckoning for Soccer Robots. Journal of the Robotics Society of Japan, 2004, 22, 343-352.	0.1	5
200	Design of Bipedal Robot with Reduced Degrees of Freedom. Journal of the Robotics Society of Japan, 2003, 21, 546-553.	0.1	6
201	The Sway Compensation Trajectory for a Biped Robot. Journal of the Robotics Society of Japan, 2003, 21, 811-818.	0.1	11
202	Feedforward and Feedback Dynamic Trot Gait Control for Quadruped Walking Vehicle. Autonomous Robots, 2002, 12, 157-172.	4.8	48
203	3D Sway Compensation Trajectory for Quadruped Walking Robot.. Journal of the Robotics Society of Japan, 2001, 19, 632-637.	0.1	5
204	Stabilizing Control for Dynamically Stable Walking of Quadruped Walking Robot.. Journal of the Robotics Society of Japan, 2001, 19, 380-386.	0.1	5
205	Development of a Cleaning Robot System with Cooperative Positioning System. Autonomous Robots, 2000, 9, 237-246.	4.8	25
206	An Experimental Study of a Cooperative Positioning System. Autonomous Robots, 2000, 8, 43-52.	4.8	100
207	An Experimental Study of Teleoperation System for Walking Robots Using High-speed Image Stabilization System.. Journal of the Robotics Society of Japan, 2000, 18, 1011-1018.	0.1	7
208	Study on Cooperative Positioning System. Map Creation by CPS Based Active Touch.. Journal of the Robotics Society of Japan, 1999, 17, 84-90.	0.1	0
209	Study on Cooperative Positioning System. Development of Cleaning Robot System with CPS-III.. Journal of the Robotics Society of Japan, 1998, 16, 934-941.	0.1	2
210	Study on Cooperative Positioning System. Fusion of Redundant Positioning Information and Its Experiments.. Journal of the Robotics Society of Japan, 1996, 14, 1229-1236.	0.1	3
211	Cooperative Positioning System with Multiple Robots.. Journal of the Robotics Society of Japan, 1995, 13, 838-845.	0.1	6
212	A Study on Heat Transfer from Small Heating Elements in an Integrated Circuit Chip.. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 1992, 58, 2234-2240.	0.2	1
213	Coordinated Control of Multiple Manipulators in Space Robots. (Optimization of Control Torque) Tj ETQq1 1 0.784314 rgBT /Overloc	0.1	5
214	Parallel alignment of a large number of range images. , 0, , .		14
215	Feedforward and feedback dynamic trot gait control for a quadruped walking vehicle. , 0, , .		19
216	Fast implementation of level set method and its real-time applications. , 0, , .		10

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217	Interactive rendering with LOD control and occlusion culling based on polygon hierarchies. , 0, , .		2
218	Fast Alignment of 3D Geometrical Models and 2D Color Images Using 2D Distance Maps. , 0, , .		7
219	Fast Simultaneous Alignment of Multiple Range Images Using Index Images. , 0, , .		23
220	Free space structurization of telerobotic environment for on-line transition to autonomous tele-manipulation. , 0, , .		0
221	Robust motion capture system against target occlusion using fast level set method. , 0, , .		11