Ryo Kurazume

List of Publications by Year
in descending order

221 papers	1,867 citations	516710 16 h-index	501196 28 g-index
222 all docs	222 docs citations	222 times ranked	1387 citing authors

#	Article	IF	Citations
1	An Experimental Study of a Cooperative Positioning System. Autonomous Robots, 2000, 8, 43-52.	4.8	100
2	The Great Buddha Project: Digitally Archiving, Restoring, and Analyzing Cultural Heritage Objects. International Journal of Computer Vision, 2007, 75, 189-208.	15.6	93
3	Multi-Part People Detection Using 2D Range Data. International Journal of Social Robotics, 2010, 2, 31-40.	4.6	74
4	Gait-Based Person Identification Robust to Changes in Appearance. Sensors, 2013, 13, 7884-7901.	3.8	56
5	A new index of serial-link manipulator performance combining dynamic manipulability and manipulating force ellipsoids. , 2006, 22, 1022-1028.		52
6	Feedforward and Feedback Dynamic Trot Gait Control for Quadruped Walking Vehicle. Autonomous Robots, 2002, 12, 157-172.	4.8	48
7	Service robot system with an informationally structured environment. Robotics and Autonomous Systems, 2015, 74, 148-165.	5.1	48
8	Straight legged walking of a biped robot. , 2005, , .		46
9	Categorization of Indoor Places Using the Kinect Sensor. Sensors, 2012, 12, 6695-6711.	3.8	46
10	First-Person Animal Activity Recognition from Egocentric Videos. , 2014, , .		46
11	Early Recognition and Prediction of Gestures. , 2006, , .		44
12	Person Identification from Spatio-temporal 3D Gait. , 2010, , .		41
13	Identification of people walking along curved trajectories. Pattern Recognition Letters, 2014, 48, 60-69.	4.2	32
14	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
15	3D segmentation of nasopharyngeal carcinoma from CT images using cascade deep learning. Computerized Medical Imaging and Graphics, 2019, 77, 101644.	5.8	29
16	Target tracking using SIR and MCMC particle filters by multiple cameras and laser range finders. , 2008, , .		27
17	HELIOS system: A team of tracked robots for special urban search and rescue operations. , 2009, , .		27
18	Development of a Cleaning Robot System with Cooperative Positioning System. Autonomous Robots, 2000, 9, 237-246.	4.8	25

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19	Fast Simultaneous Alignment of Multiple Range Images Using Index Images. , 0, , .		23
20	A structured environment with sensor networks for intelligent robots. , 2008, , .		23
21	Automatic large-scale three dimensional modeling using cooperative multiple robots. Computer Vision and Image Understanding, 2017, 157, 25-42.	4.7	21
22	Gait identification using shadow biometrics. Pattern Recognition Letters, 2012, 33, 2148-2155.	4.2	20
23	Gait-based person identification using 3D LiDAR and long short-term memory deep networks. Advanced Robotics, 2020, 34, 1201-1211.	1.8	20
24	Feedforward and feedback dynamic trot gait control for a quadruped walking vehicle. , 0, , .		19
25	Laser-based geometric modeling using cooperative multiple mobile robots. , 2009, , .		19
26	Gait-Based Person Identification Method Using Shadow Biometrics for Robustness to Changes in the Walking Direction. , 2015, , .		19
27	Person identification from human walking sequences using affine moment invariants. , 2009, , .		18
28	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
29	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
30	TU-Net and TDeepLab: Deep Learning-Based Terrain Classification Robust to Illumination Changes, Combining Visible and Thermal Imagery. , 2019, , .		16
31	HELIOS carrier: Tail-like mechanism and control algorithm for stable motion in unknown environments. , 2009, , .		15
32	Grasp planning for constricted parts of objects approximated with quadric surfaces. , 2014, , .		15
33	Parallel alignment of a large number of range images. , 0, , .		14
34	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
35	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
36	Floor Sensing System Using Laser Reflectivity for Localizing Everyday Objects and Robot. Sensors, 2014, 14, 7524-7540.	3.8	13

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37	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
38	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
39	Iterative learning control for a musculoskeletal arm: Utilizing multiple space variables to improve the robustness. , 2012, , .		12
40	ND voxel localization using large-scale 3D environmental map and RGB-D camera. , 2013, , .		12
41	Dynamic grasping of an arbitrary polyhedral object. Robotica, 2013, 31, 511-523.	1.9	12
42	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
43	Mapping textures on 3D geometric model using reflectance image. Systems and Computers in Japan, 2005, 36, 92-101.	0.2	11
44	Robust motion capture system against target occlusion using fast level set method. , 0, , .		11
45	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
46	Laser-based geometrical modeling of large-scale architectural structures using co-operative multiple robots. Autonomous Robots, 2012, 32, 49-62.	4.8	11
47	Logical DP Matching for Detecting Similar Subsequence. , 2007, , 628-637.		11
48	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
49	The Sway Compensation Trajectory for a Biped Robot. Journal of the Robotics Society of Japan, 2003, 21, 811-818.	0.1	11
50	Fast implementation of level set method and its real-time applications. , 0, , .		10
51	Gait Identification Using Invisible Shadows: Robustness to Appearance Changes. , 2014, , .		10
52	Person Identification using Shadow Analysis. , 2010, , .		10
53	Dynamic grasping for an arbitrary polyhedral object by a multi-fingered hand-arm system. , 2009, , .		9
54	Robust visual servoing for object manipulation with large time-delays of visual information. , 2012, , .		9

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55	Gait Recognition Robust to Speed Transition Using Mutual Subspace Method. Lecture Notes in Computer Science, 2015, , 141-149.	1.3	9
56	Feasibility study of IoRT platform â€œBig Sensor Boxâ€•. , 2017, , .		9
57	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
58	People identification using shadow dynamics. , 2010, , .		8
59	Denoising of range images using a trilateral filter and belief propagation. , 2011, , .		8
60	An Informationally Structured Room for Robotic Assistance. Sensors, 2015, 15, 9438-9465.	3.8	8
61	Development of ROS-TMS 5.0 for informationally structured environment. ROBOMECH Journal, 2018, 5, .	1.6	8
62	Fukuoka datasets for place categorization. International Journal of Robotics Research, 2019, 38, 507-517.	8.5	8
63	MU-Net: Deep Learning-Based Thermal IR Image Estimation From RGB Image. , 2019, , .		8
64	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
65	Fast Alignment of 3D Geometrical Models and 2D Color Images Using 2D Distance Maps. , 0, , .		7
66	Calibration of distributed vision network in unified coordinate system by mobile robots. , 2008, , .		7
67	Position tracking and recognition of everyday objects by using sensors embedded in an environment and mounted on mobile robots. , 2012, , .		7
68	Spatial change detection using voxel classification by normal distributions transform. , 2019, , .		7
69	Development of dementia care training system based on augmented reality and whole body wearable tactile sensor. , 2020, , .		7
70	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
71	Iterative Refinement of Range Images with Anisotropic Error Distribution. , 2008, , 193-205.		7
72	Development of AR training systems for Humanitude dementia care. Advanced Robotics, 2022, 36, 344-358.	1.8	7

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73	Design of Bipedal Robot with Reduced Degrees of Freedom. Journal of the Robotics Society of Japan, 2003, 21, 546-553.	0.1	6
74	Fast 3D reconstruction of human shape and motion tracking by parallel fast level set method. , 2008, , .		6
75	Position tracking system of everyday objects in an everyday environment. , 2010, , .		6
76	Gait identification from invisible shadows. , 2012, , .		6
77	Grasp planning using quadric surface approximation for parallel grippers. , 2013, , .		6
78	Motion planning for fetch-and-give task using wagon and service robot. , 2015, , .		6
79	Multi-modal panoramic 3D outdoor datasets for place categorization. , 2016, , .		6
80	Local N-ary Patterns: a local multi-modal descriptor for place categorization. Advanced Robotics, 2016, 30, 402-415.	1.8	6
81	Making gait recognition robust to speed changes using mutual subspace method. , 2017, , .		6
82	Cooperative Positioning System with Multiple Robots.. Journal of the Robotics Society of Japan, 1995, 13, 838-845.	0.1	6
83	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
84	Learning to Drop Points for LiDAR Scan Synthesis. , 2021, , .		6
85	2V-Gait: Gait Recognition using 3D LiDAR Robust to Changes in Walking Direction and Measurement Distance. , 2022, , .		6
86	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
87	Dynamic object manipulation using a multi-fingered hand-arm system: Enhancement of a grasping capability using relative attitude constraints of fingers. , 2011, , .		5
88	Tissue Surface Model Mapping onto Arbitrary Target Surface Based on Self-Organizing Deformable Model. , 2013, , .		5
89	Modeling of hyper-adaptability: from motor coordination to rehabilitation. Advanced Robotics, 2021, 35, 802-817.	1.8	5
90	3D Sway Compensation Trajectory for Quadruped Walking Robot.. Journal of the Robotics Society of Japan, 2001, 19, 632-637.	0.1	5

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91	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
92	Impedance Matching for Serial Link Manipulators. Journal of the Robotics Society of Japan, 2005, 23, 245-253.	0.1	5
93	Coordinated Control of Multiple Manipulators in Space Robots. (Optimization of Control Torque) Tj ETQq1 1 0.784314 rgBT /Overloc	0.1	5
94	Stabilizing Control for Dynamically Stable Walking of Quadruped Walking Robot.. Journal of the Robotics Society of Japan, 2001, 19, 380-386.	0.1	5
95	Parallel Alignment of a Large Number of Range Images. , 2008, , 109-126.		5
96	Development of ROS2-TMS: new software platform for informationally structured environment. ROBOMECH Journal, 2022, 9, .	1.6	5
97	Fast model–image registration using a two-dimensional distance map for surgical navigation system. Advanced Robotics, 2007, 21, 751-770.	1.8	4
98	Segmentation method of human manipulation task based on measurement of force imposed by a human hand on a grasped object. , 2009, , .		4
99	Detecting repeated motion patterns via Dynamic Programming using motion density. , 2009, , .		4
100	Robot localization under perceptual aliasing conditions based on laser reflectivity using particle filter. , 2011, , .		4
101	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
102	High-precision three-dimensional laser measurement system by cooperative multiple mobile robots. , 2012, , .		4
103	Abnormal Behavior Detection Using Privacy Protected Videos. , 2013, , .		4
104	Expanding gait identification methods from straight to curved trajectories. , 2013, , .		4
105	Range image smoothing and completion utilizing laser intensity. Advanced Robotics, 2013, 27, 947-958.	1.8	4
106	First-person activity recognition with C3D features from optical flow images. , 2015, , .		4
107	Immersive VR interface for informationally structured environment. , 2015, , .		4
108	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

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109	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
110	A New 3D Motion and Force Measurement System for Sport Climbing. , 2020, , .		4
111	Quasi-Zenith Satellite System-based Tour Guide Robot at a Theme Park. , 2020, , .		4
112	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
113	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
114	Development of 3D Scanning System Using Automatic Guiding Total Station. Journal of Robotics and Mechatronics, 2012, 24, 992-999.	1.0	4
115	Levels of detail control based on correlation analysis between surface position and direction. , 2004, , .		3
116	Embodied Proactive Human Interface "PICO-2". , 2006, , .		3
117	Autonomously generating a 3D map of unknown environment by using mobile robots equipped with LRF. , 2009, , .		3
118	Model-based motion tracking system using distributed network cameras. , 2010, , .		3
119	Robust manipulation for temporary lack of sensory information by a multi-fingered hand-arm system. , 2011, , .		3
120	Navigation system with real-time finite element analysis for minimally invasive surgery. , 2013, 2013, 2996-9.		3
121	Indoor Place Categorization Using Co-occurrences of LBPs in Gray and Depth Images from RGB-D Sensors. , 2014, , .		3
122	Stable Image Registration for People Tracking from the Sky. , 2015, , .		3
123	Fourth-person sensing for a service robot. , 2015, , .		3
124	Learning geometric and photometric features from panoramic LiDAR scans for outdoor place categorization. Advanced Robotics, 2018, 32, 750-765.	1.8	3
125	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
126	Teleoperation Method by Illusion of Human Intention and Time. , 2021, , .		3

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127	Area- and Angle-Preserving Parameterization for Vertebra Surface Mesh. Lecture Notes in Computational Vision and Biomechanics, 2015, , 187-198.	0.5	3
128	Deflection-based force sensing for continuum robots: A probabilistic approach. , 2011, , .		3
129	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
130	The Intelligent Room for Elderly Care. Lecture Notes in Computer Science, 2013, , 103-112.	1.3	3
131	Robust Global Localization Using Laser Reflectivity. Journal of Robotics and Mechatronics, 2013, 25, 38-52.	1.0	3
132	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
133	Volume Representation of Parenchymatous Organs by Volumetric Self-organizing Deformable Model. Lecture Notes in Computer Science, 2016, , 39-50.	1.3	3
134	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
135	Spatial change detection using normal distributions transform. ROBOMECH Journal, 2019, 6, .	1.6	3
136	Development of a Chair to Support Human Standing Motion -Seat movement mechanism using zip chain actuator-. , 2022, , .		3
137	Interactive rendering with LOD control and occlusion culling based on polygon hierarchies. , 0, , .		2
138	Robust 2D-3D alignment based on geometrical consistency. International Conference on 3-D Digital Imaging and Modeling, Proceedings, 2007, , .	0.0	2
139	Learning meaningful interactions from repetitious motion patterns. , 2008, , .		2
140	A decision method for the placement of mechanical tactile elements for grasp type recognition. , 2008, , .		2
141	Sensory feedback attitude control for a grasped object by a multi-fingered hand-arm system. , 2010, , .		2
142	Position tracking system for commodities in an indoor environment. , 2010, , .		2
143	Detecting repeated patterns using Partly Locality Sensitive Hashing. , 2010, , .		2
144	Tracing Commodities in Indoor Environments for Service Robotics. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2012, 45, 71-76.	0.4	2

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145	Finding People by their Shadows: Aerial Surveillance Using Body Biometrics Extracted from Ground Video. , 2012, , .		2
146	Measurement and estimation of indoor human behavior of everyday life based on floor sensing with minimal invasion of privacy. , 2013, , .		2
147	Grasp stability analysis for elastic fingertips by using potential energy. , 2014, , .		2
148	Automatic planning of laser measurements for a large-scale environment using CPS-SLAM system. , 2015, , .		2
149	Control architecture for service drone in informationally structured environment. , 2015, , .		2
150	Object tracking system by integrating multi-sensored data. , 2016, , .		2
151	Virtual Sensors Determined Through Machine Learning. , 2018, , .		2
152	Sensor terminal â€Portableâ€•for intelligent navigation of personal mobility robots in informationally structured environment. , 2019, , .		2
153	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
154	Simultaneous Registration of 2D Images onto 3D Models for Texture Mapping. , 2008, , 237-278.		2
155	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
156	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
157	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
158	A Method for Predicting Dose Distribution of Nasopharyngeal Carcinoma Cases by Multiple Deep Neural Networks. , 2020, , .		2
159	GAN-Based Method for Synthesizing Multi-focus Cell Images. Lecture Notes in Computer Science, 2020, , 100-107.	1.3	2
160	Lifelogging caption generation via fourth-person vision in a humanâ€"robot symbiotic environment. ROBOMECH Journal, 2020, 7, .	1.6	2
161	Mobile Robot Navigation Using Learning-Based Method Based on Predictive State Representation in a Dynamic Environment. , 2022, , .		2
162	Gait Recognition using Identity-Aware Adversarial Data Augmentation. , 2022, , .		2

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163	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
164	Segmentation of Images on Polar Coordinate Meshes. , 2007, , .		1
165	Hierarchical face cluster partitioning of polygonal surfaces and high-speed rendering. Systems and Computers in Japan, 2007, 38, 32-43.	0.2	1
166	A decision method for the placement of tactile sensors for manipulation task recognition. , 2008, , .		1
167	Development of Pseudo 3D Visualization System by Superimposing Ultrasound Images. , 2009, , .		1
168	Automatic construction of gesture network for gesture recognition. , 2010, , .		1
169	Automatic laser-based geometrical modeling using multiple mobile robots. , 2010, , .		1
170	Appearance and map-based global localization using laser reflectivity. , 2011, , .		1
171	Colorization of 3D geometric model utilizing laser reflectivity. , 2013, , .		1
172	Estimation of brain internal structures by deforming brain atlas using finite element method. , 2014, 2014, 5558-61.		1
173	Noise-estimate Particle PHD filter. , 2014, , .		1
174	Grasp stability evaluation based on energy tolerance in potential field. , 2015, , .		1
175	A method for mapping tissue volume model onto target volume using volumetric self-organizing deformable model. Proceedings of SPIE, 2016, , .	0.8	1
176	Angle- and volume-preserving mapping of organ volume model based on modified Self-organizing Deformable Model. , 2016, , .		1
177	Previewed reality: Near-future perception system. , 2017, , .		1
178	Fourth-Person Captioning: Describing Daily Events by Uni-supervised and Tri-regularized Training. , 2018, , .		1
179	Development of an Inflatable Robotic Arm on Mobile Platform for Fetch-and-Give Tasks. , 2019, , .		1
180	Near-future perception system: Previewed Reality. Advanced Robotics, 2021, 35, 19-30.	1.8	1

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181	Speed invariant gait recognition—The enhanced mutual subspace method. PLoS ONE, 2021, 16, e0255927.	2.5	1
182	Technical Introduction of the Common Platform in Robot Town Project. Journal of the Robotics Society of Japan, 2008, 26, 415-419.	0.1	1
183	Tracking of Moving Objects in Three-dimensional Space. Journal of the Robotics Society of Japan, 2008, 26, 314-317.	0.1	1
184	Deep Learning-based Prediction Method for People Flows and Their Anomalies. , 2017, , .		1
185	Brain volume mapping for constructing volumetric statistical shape model. , 2019, , .		1
186	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
187	3D Image Reconstruction from Multi-focus Microscopic Images. Lecture Notes in Computer Science, 2020, , 73-85.	1.3	1
188	Denoising of range images using a trilateral filter and belief propagation. , 2011, , .		1
189	Free space structurization of telerobotic environment for on-line transition to autonomous tele-manipulation. , 0, , .		0
190	Recognition of Manipulation Sequences by Human Hand Based on Support Vector Machine. , 2007, , .		0
191	A tactile sensing for estimating the position and orientation of a joint-axis of a linked object. , 2010, , .		0
192	Size-adaptive hepatocellular carcinoma detection from 3D CT images based on the level set method. , 2012, , .		0
193	Hole-free texture mapping based on laser reflectivity. , 2013, , .		0
194	Manual/automatic colorization for three-dimensional geometric models utilizing laser reflectivity. Advanced Robotics, 2014, 28, 1637-1651.	1.8	0
195	Two-dimensional local ternary patterns using synchronized images for outdoor place categorization. , 2014, , .		0
196	Fourth-Person Sensing for Pro-active Services. , 2014, , .		0
197	A method for identifying distribution pattern of cone cells in retina image. , 2014, , .		0
198	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

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199	Altitude estimation using particle filter with monopulse radars in a multipath environment. , 2015, , .		0
200	Automatic houseware registration system for informationally-structured environment. , 2016, , .		0
201	Stable aerial image registration for people detection from a low-altitude aerial vehicle. , 2016, , .		0
202	Object classification with range and reflectance data from a single laser scanner. Proceedings of SPIE, 2017, , .	0.8	0
203	Motion control for robotic arm with rotational counterweights. , 2017, , .		0
204	IoT Plaltform for a Service Robot. Journal of the Robotics Society of Japan, 2017, 35, 93-96.	0.1	0
205	Recognizing outdoor scenes by convolutional features of omni-directional LiDAR scans. , 2017, , .		0
206	Hexahedron Model Generation of Human Organ by Self-Organizing Deformable Model. , 2018, , .		0
207	Inflatable Robotic Arm with Overlaid Plastic Sheet Structure. , 2019, , .		0
208	Development of mobile sensor terminals "Portable Go" for navigation in informationally structured and unstructured environments. ROBOMECH Journal, 2019, 6, .	1.6	0
209	Ancient pelvis reconstruction from collapsed component bones using statistical shape models. Machine Vision and Applications, 2019, 30, 59-69.	2.7	0
210	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
211	A Deep Learning-Based Method for Predicting Volumes of Nasopharyngeal Carcinoma for Adaptive Radiation Therapy Treatment. , 2021, , .		0
212	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
213	Construction of Symbolic Representation from Human Motion Information. Lecture Notes in Computer Science, 2006, , 212-219.	1.3	0
214	A Fast Simultaneous Alignment of Multiple Range Images. , 2008, , 89-107.		0
215	Visual Tracking of an Object with its Motion Information. IEEJ Transactions on Electronics, Information and Systems, 2009, 129, 977-984.	0.2	0
216	Detecting Frequent Patterns in Video Using Partly Locality Sensitive Hashing. Lecture Notes in Computer Science, 2011, , 287-296.	1.3	0

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217	Smoothing Range Image using Trilateral Filter and Reflectance Image. IEEJ Transactions on Electronics, Information and Systems, 2012, 132, 291-298.	0.2	0
218	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
219	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
220	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
221	Robust manipulation for temporary lack of sensory information by a multi-fingered hand-arm system. , 2011, , .		0