

Masamichi Shimosaka

List of Publications by Year in descending order

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36
papers

309
citations

1307594

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all docs

37
docs citations

37
times ranked

201
citing authors

#	ARTICLE	IF	CITATIONS
1	Robustifying Wi-Fi Localization by Between-Location Data Augmentation. IEEE Sensors Journal, 2022, 22, 5407-5416.	4.7	5
2	AI-BPO. , 2021, , .		2
3	Robust Health Score Prediction from Pyro-Sensor Activity Data based on Greedy Feature Selection. , 2019, , .		0
4	Spatiality Preservable Factored Poisson Regression for Large-Scale Fine-Grained GPS-Based Population Analysis. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 1142-1149.	4.9	4
5	Collective activity localization by spatiality preservation search. Advanced Robotics, 2016, 30, 784-794.	1.8	2
6	Efficient calibration for rssi-based indoor localization by bayesian experimental design on multi-task classification. , 2016, , .		10
7	ZigBee based wireless indoor localization with sensor placement optimization towards practical home sensing*. Advanced Robotics, 2016, 30, 315-325.	1.8	11
8	Hand shape classification in various pronation angles using a wearable wrist contour sensor. Advanced Robotics, 2015, 29, 3-11.	1.8	17
9	Hand-shape classification with a wrist contour sensor: Analyses of feature types, resemblance between subjects, and data variation with pronation angle. International Journal of Robotics Research, 2014, 33, 658-671.	8.5	8
10	A fully connected model for consistent collective activity recognition in videos. Pattern Recognition Letters, 2014, 43, 109-118.	4.2	9
11	Measurement of Dense Static Point Cloud and Online Behavior Recognition Using Horizontal LIDAR and Pan Rotation of Vertical LIDAR with Mirrors. SICE Journal of Control Measurement and System Integration, 2014, 7, 12-20.	0.7	0
12	Development of wrist contour measuring device for an interface using hand shape recognition. Advanced Robotics, 2013, 27, 481-492.	1.8	10
13	A new “grasping by caging” solution by using eigen-shapes and space mapping. , 2013, , .		18
14	On the caging region of a third finger with object boundary clouds and two given contact positions. , 2012, , .		9
15	Cooperative manipulation with least number of robots via robust caging. , 2012, , .		12
16	Grasping by caging: A promising tool to deal with uncertainty. , 2012, , .		34
17	Non-industrial stacker crane with compatibility/extensibility between manual operation and electrical driving. , 2012, , .		2
18	Collective Activity Localization with Contextual Spatial Pyramid. Lecture Notes in Computer Science, 2012, , 243-252.	1.3	16

#	ARTICLE	IF	CITATIONS
19	Viewpoint Invariant Collective Activity Recognition with Relative Action Context. Lecture Notes in Computer Science, 2012, , 253-262.	1.3	8
20	Hand shape classification with a wrist contour sensor. , 2011, , .		52
21	Anomaly Detection and Life Pattern Estimation for the Elderly Based on Categorization of Accumulated Data. , 2011, , .		5
22	From analysis to practice: Three-finger caging of planar convex objects. , 2011, , .		0
23	Sensor Arrangement for Classification of Life Activities with Pyroelectric Sensors - Arrangement to Save Sensors and to Quasi-Maximize Classification Precision. Journal of Robotics and Mechatronics, 2011, 23, 494-504.	1.0	3
24	Moving objects detection and classification based on trajectories of LRF scan data on a grid map. , 2010, , .		12
25	Integrated driver modelling considering state transition feature for individual adaptation of driver assistance systems. Vehicle System Dynamics, 2010, 48, 55-71.	3.7	9
26	Discriminative Data Visualization for Daily Behavior Modeling. Advanced Robotics, 2009, 23, 429-441.	1.8	3
27	Pose estimation of multiple people using contour features from multiple laser range finders. , 2009, , .		9
28	Robust indoor activity recognition via boosting. , 2008, , .		1
29	Anomaly detection algorithm based on life pattern extraction from accumulated pyroelectric sensor data. , 2008, , .		22
30	Fast Online Human Pose Estimation via 3D Voxel Data. Journal of the Robotics Society of Japan, 2008, 26, 913-924.	0.1	2
31	Online action recognition with wrapped boosting. , 2007, , .		2
32	Fast online human pose estimation via 3D voxel data. , 2007, , .		3
33	Fast Online Action Recognition with Boosted Combinational Motion Features. , 2006, , .		3
34	Human Like Segmentation of Daily Actions based on Switching Model of Linear Dynamical Systems and Human Body Hierarchy. , 2006, , .		1
35	Online Action Recognition with Margin-Based Query Learning. Journal of the Robotics Society of Japan, 2006, 24, 861-872.	0.1	2
36	Recognition of Human Daily Actions Based on Continuous Hidden Markov Models and Hierarchical Structure of Actions as Tree Representation. Journal of the Robotics Society of Japan, 2005, 23, 957-966.	0.1	3