

# Jaehong Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

212  
citations

1684188

5  
h-index

1474206

9  
g-index

47  
all docs

47  
docs citations

47  
times ranked

245  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic Recognition of Children Engagement from Facial Video Using Convolutional Neural Networks. IEEE Transactions on Affective Computing, 2020, 11, 696-707.	8.3	30
2	Vision-based arm gesture recognition for a long-range human-robot interaction. Journal of Supercomputing, 2013, 65, 336-352.	3.6	26
3	Multi-robot task allocation for real-time hospital logistics. , 2017, , .		18
4	Facial Attribute Recognition by Recurrent Learning With Visual Fixation. IEEE Transactions on Cybernetics, 2019, 49, 616-625.	9.5	12
5	AIR-Act2Act: Human-human interaction dataset for teaching non-verbal social behaviors to robots. International Journal of Robotics Research, 2021, 40, 691-697.	8.5	11
6	Real-Time Visual Target Tracking in RGB-D Data for Person-Following Robots. , 2014, , .		9
7	An Ontological Approach for Natural Language Command Interpretation and Its Application in Robotics. , 2006, , .		8
8	Deep neural networks with a set of node-wise varying activation functions. Neural Networks, 2020, 126, 118-131.	5.9	8
9	Blob detection and filtering for character segmentation of license plates. , 2012, , .		7
10	Depth assisted person following robots. , 2013, , .		6
11	Multi-view Facial Expression Recognition Using Parametric Kernel Eigenspace Method Based on Class Features. , 2013, , .		6
12	Automatic Engagement Level Estimation of Kids in a Learning Environment. International Journal of Machine Learning and Computing, 2015, 5, 148-152.	0.6	5
13	End-to-End Learning of Social Behaviors for Humanoid Robots. , 2020, , .		5
14	Ubiquitous robot simulation framework and its applications. , 2005, , .		4
15	A robot platform for children and its action control. , 2008, , .		4
16	A Location and Emergency Monitoring System for Elder Care Using ZigBee. , 2011, , .		4
17	Interaction control for postural correction on a riding simulation system. , 2014, , .		4
18	Object recognition and pose estimation for modular manipulation system: Overview and initial results. , 2017, , .		4

#	ARTICLE	IF	CITATIONS
19	Person following with a RGB-D camera for mobile robots. , 2012, , .		3
20	Identifying principal social signals in private student-teacher interactions for robot-enhanced education. , 2013, , .		3
21	Automatic number recognition for bus route information aid for the visually-impaired. , 2013, , .		3
22	A software framework design for social human-robot interaction. , 2015, , .		3
23	Multidimensional evaluation and analysis of motion segmentation for inertial measurement unit applications. Multimedia Tools and Applications, 2016, 75, 10907-10934.	3.9	3
24	Automated dance motion evaluation using dynamic time warping and Laban movement analysis. , 2017, , .		3
25	Improvement of Identity Recognition with Occlusion Detection-Based Feature Selection. Electronics (Switzerland), 2021, 10, 167.	3.1	3
26	Learning Multi-modal Attentional Consensus in Action Recognition for Elderly-Care Robots. , 2021, , .		3
27	Cut-and-Paste Dataset Generation for Balancing Domain Gaps in Object Instance Detection. IEEE Access, 2021, 9, 14319-14329.	4.2	3
28	Development of an experimental platform for child friendly emotional robot. , 2007, , .		2
29	Design of an adaptive accelerometer-based handwriting recognition system based on metacognitive framework. , 2011, , .		2
30	Facial expression recognition for detecting children's likes and dislikes. , 2012, , .		2
31	Analysis of children's posture for the bodily kinesthetic test. , 2015, , .		2
32	Environmental Data-Based Location Recognition for Living Space. , 2011, , .		1
33	Task allocation strategy of heterogeneous multi-robot for indoor surveillance. , 2011, , .		1
34	HRIDemon: A framework for recognition of human location, identity and behavior in human-robot interaction. , 2012, , .		1
35	Robotic person-tracking with modified multiple instance learning. , 2013, , .		1
36	Real-time user pose verification in a depth image for simulator. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
37	Turn-taking intention recognition using multimodal cues in social human-robot interaction. , 2017, , .		1
38	A robot control approach based on multi-level data fusion. , 2010, , .		0
39	Modified Mean-Shift for head tracking. , 2011, , .		0
40	Visual object tracking for handheld devices. , 2013, , .		0
41	A perception framework for supporting robots to recognize human better in Human-Robot interaction. , 2013, , .		0
42	A relationship-based model of robot service personalization. , 2015, , .		0
43	Markerless human body pose estimation from consumer depth cameras for simulator. , 2015, , .		0
44	Example-Based Retrieval System for Human Motion Data. , 2016, , .		0
45	Framework of Sensor Network for Perception of Human Behavior and Identification. , 2016, , .		0
46	Target-style-aware Unsupervised Domain Adaptation for Object Detection. IEEE Robotics and Automation Letters, 2021, , 1-1.	5.1	0
47	Human Motion Assessment on Mobile Devices. , 2021, , .		0