

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 | 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 |
| 2 | Improvement of Identity Recognition with Occlusion Detection-Based Feature Selection. Electronics (Switzerland), 2021, 10, 167. | 3.1 | 3 |
| 3 | Learning Multi-modal Attentional Consensus in Action Recognition for Elderly-Care Robots. , 2021, , . | | 3 |
| 4 | Cut-and-Paste Dataset Generation for Balancing Domain Gaps in Object Instance Detection. IEEE Access, 2021, 9, 14319-14329. | 4.2 | 3 |
| 5 | Target-style-aware Unsupervised Domain Adaptation for Object Detection. IEEE Robotics and Automation Letters, 2021, , 1-1. | 5.1 | 0 |
| 6 | Human Motion Assessment on Mobile Devices. , 2021, , . | | 0 |
| 7 | Automatic Recognition of Children Engagement from Facial Video Using Convolutional Neural Networks. IEEE Transactions on Affective Computing, 2020, 11, 696-707. | 8.3 | 30 |
| 8 | Deep neural networks with a set of node-wise varying activation functions. Neural Networks, 2020, 126, 118-131. | 5.9 | 8 |
| 9 | End-to-End Learning of Social Behaviors for Humanoid Robots. , 2020, , . | | 5 |
| 10 | Facial Attribute Recognition by Recurrent Learning With Visual Fixation. IEEE Transactions on Cybernetics, 2019, 49, 616-625. | 9.5 | 12 |
| 11 | Automated dance motion evaluation using dynamic time warping and Laban movement analysis. , 2017, , . | | 3 |
| 12 | Object recognition and pose estimation for modular manipulation system: Overview and initial results. , 2017, , . | | 4 |
| 13 | Multi-robot task allocation for real-time hospital logistics. , 2017, , . | | 18 |
| 14 | Turn-taking intention recognition using multimodal cues in social human-robot interaction. , 2017, , . | | 1 |
| 15 | Multidimensional evaluation and analysis of motion segmentation for inertial measurement unit applications. Multimedia Tools and Applications, 2016, 75, 10907-10934. | 3.9 | 3 |
| 16 | Example-Based Retrieval System for Human Motion Data. , 2016, , . | | 0 |
| 17 | Framework of Sensor Network for Perception of Human Behavior and Identification. , 2016, , . | | 0 |
| 18 | A software framework design for social human-robot interaction. , 2015, , . | | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Analysis of children's posture for the bodily kinesthetic test. , 2015, , . | | 2 |
| 20 | A relationship-based model of robot service personalization. , 2015, , . | | 0 |
| 21 | Markerless human body pose estimation from consumer depth cameras for simulator. , 2015, , . | | 0 |
| 22 | Automatic Engagement Level Estimation of Kids in a Learning Environment. International Journal of Machine Learning and Computing, 2015, 5, 148-152. | 0.6 | 5 |
| 23 | Real-Time Visual Target Tracking in RGB-D Data for Person-Following Robots. , 2014, , . | | 9 |
| 24 | Interaction control for postural correction on a riding simulation system. , 2014, , . | | 4 |
| 25 | Vision-based arm gesture recognition for a long-range human-robot interaction. Journal of Supercomputing, 2013, 65, 336-352. | 3.6 | 26 |
| 26 | Identifying principal social signals in private student-teacher interactions for robot-enhanced education. , 2013, , . | | 3 |
| 27 | Visual object tracking for handheld devices. , 2013, , . | | 0 |
| 28 | Depth assisted person following robots. , 2013, , . | | 6 |
| 29 | A perception framework for supporting robots to recognize human better in Human-Robot interaction. , 2013, , . | | 0 |
| 30 | Robotic person-tracking with modified multiple instance learning. , 2013, , . | | 1 |
| 31 | Automatic number recognition for bus route information aid for the visually-impaired. , 2013, , . | | 3 |
| 32 | Multi-view Facial Expression Recognition Using Parametric Kernel Eigenspace Method Based on Class Features. , 2013, , . | | 6 |
| 33 | Real-time user pose verification in a depth image for simulator. , 2013, , . | | 1 |
| 34 | Facial expression recognition for detecting children's likes and dislikes. , 2012, , . | | 2 |
| 35 | Person following with a RGB-D camera for mobile robots. , 2012, , . | | 3 |
| 36 | HRIDemon: A framework for recognition of human location, identity and behavior in human-robot interaction. , 2012, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 37 | Blob detection and filtering for character segmentation of license plates. , 2012, , . | | 7 |
| 38 | A Location and Emergency Monitoring System for Elder Care Using ZigBee. , 2011, , . | | 4 |
| 39 | Environmental Data-Based Location Recognition for Living Space. , 2011, , . | | 1 |
| 40 | Design of an adaptive accelerometer-based handwriting recognition system based on metacognitive framework. , 2011, , . | | 2 |
| 41 | Task allocation strategy of heterogeneous multi-robot for indoor surveillance. , 2011, , . | | 1 |
| 42 | Modified Mean-Shift for head tracking. , 2011, , . | | 0 |
| 43 | A robot control approach based on multi-level data fusion. , 2010, , . | | 0 |
| 44 | A robot platform for children and its action control. , 2008, , . | | 4 |
| 45 | Development of an experimental platform for child friendly emotional robot. , 2007, , . | | 2 |
| 46 | An Ontological Approach for Natural Language Command Interpretation and Its Application in Robotics. , 2006, , . | | 8 |
| 47 | Ubiquitous robot simulation framework and its applications. , 2005, , . | | 4 |