

Daehyung Park

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

724
citations

1684188

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2053705

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13
docs citations

13
times ranked

538
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multimodal Anomaly Detector for Robot-Assisted Feeding Using an LSTM-Based Variational Autoencoder. IEEE Robotics and Automation Letters, 2018, 3, 1544-1551.	5.1	445
2	Active robot-assisted feeding with a general-purpose mobile manipulator: Design, evaluation, and lessons learned. Robotics and Autonomous Systems, 2020, 124, 103344.	5.1	57
3	Multimodal execution monitoring for anomaly detection during robot manipulation. , 2016, , .		54
4	A multimodal execution monitor with anomaly classification for robot-assisted feeding. , 2017, , .		38
5	Multimodal anomaly detection for assistive robots. Autonomous Robots, 2019, 43, 611-629.	4.8	30
6	Multimodal estimation and communication of latent semantic knowledge for robust execution of robot instructions. International Journal of Robotics Research, 2020, 39, 1279-1304.	8.5	29
7	3D Human Pose Estimation on a Configurable Bed from a Pressure Image. , 2018, , .		24
8	Combining tactile sensing and vision for rapid haptic mapping. , 2015, , .		14
9	A system for bedside assistance that integrates a robotic bed and a mobile manipulator. PLoS ONE, 2019, 14, e0221854.	2.5	12
10	Task-centric selection of robot and environment initial configurations for assistive tasks. , 2015, , .		8
11	Interleaving planning and control for efficient haptically-guided reaching in unknown environments. , 2014, , .		7
12	Learning to reach into the unknown: Selecting initial conditions when reaching in clutter. , 2014, , .		3
13	An Intelligence Architecture for Grounded Language Communication with Field Robots. , 2022, 2, 468-512.		3