Jaeyeon Lee

List of Publications by Year
in descending order

36 papers	240 citations	1307594 7 h-index	1281871 11 g-index
36 all docs	36 docs citations	36 times ranked	191 citing authors

#	Article	IF	Citations
1	Ensemble Three-Stream RGB-S Deep Neural Network for Human Behavior Recognition Under Intelligent Home Service Robot Environments. IEEE Access, 2021, 9, 73240-73250.	4.2	3
2	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
3	Cut-and-Paste Dataset Generation for Balancing Domain Gaps in Object Instance Detection. IEEE Access, 2021, 9, 14319-14329.	4.2	3
4	Deep neural networks with a set of node-wise varying activation functions. Neural Networks, 2020, 126, 118-131.	5.9	8
5	End-to-End Learning of Social Behaviors for Humanoid Robots. , 2020, , .		5
6	Object recognition and pose estimation for modular manipulation system: Overview and initial results. , 2017, , .		4
7	Performance analysis of scheduling multiple robots for hospital logistics. , 2017, , .		10
8	Multi-robot task allocation for real-time hospital logistics. , 2017, , .		18
9	Multi-robot Control Architecture for Hospital Delivery Service in Unstable Network Environment. , 2017, , .		1
10	A multiple kernel convolution score method for bin picking of plastic packed object. , 2016, , .		1
11	Vehicle routing problem with pickup and delivery of multiple robots for hospital logistics. , 2016, , .		7
12	Kinematic Constraint Method for Human Gesture Recognition Based on Weighted Dynamic Time Warping. , 2016, , .		2
13	The simulator for performance analysis of multiple robots for hospital delivery. , 2016, , .		8
14	Accurate fusing multiple RGBD sensors using geometry. , 2015, , .		0
15	Uncooperative Person Recognition Based on Stochastic Information Updates and Environment Estimators. ETRI Journal, 2015, 37, 395-405.	2.0	6
16	Bin picking for the objects of non-Lambertian reflectance without using an explicit object model. , 2014, , .		4
17	Vision-based arm gesture recognition for a long-range human–robot interaction. Journal of Supercomputing, 2013, 65, 336-352.	3.6	26
18	A development of easily trainable vision system for the multi-purpose dual arm robots. , 2013, , .		1

#	Article	IF	Citations
19	Visual object tracking for handheld devices. , 2013, , .		0
20	A perception framework for supporting robots to recognize human better in Human-Robot interaction. , 2013, , .		0
21	Robotic person-tracking with modified multiple instance learning. , 2013, , .		1
22	HRIDemon: A framework for recognition of human location, identity and behavior in human-robot interaction. , 2012, , .		1
23	A Long-Range Touch Interface for Interaction with Smart TVs. ETRI Journal, 2012, 34, 932-941.	2.0	8
24	Tiny and Blurred Face Alignment for Long Distance Face Recognition. ETRI Journal, 2011, 33, 251-258.	2.0	24
25	Adaboost based disguised face discrimination on embedded devices. , 2011, , .		0
26	Disguised-Face Discriminator for Embedded Systems. ETRI Journal, 2010, 32, 761-765.	2.0	12
27	Tiny Frontal Face Detection for Robots. , 2010, , .		5
28	Person following with obstacle avoidance based on multi-layered mean shift and force field method. , 2010, , .		4
29	An experimental comparison of preprocessing methods for age classification. , 2009, , .		1
30	Face image registration methods using Normalized Cross Correlation. , 2008, , .		1
31	A Non-Cooperative User Authentication System in Robot Environments. IEEE Transactions on Consumer Electronics, 2007, 53, 804-811.	3.6	38
32	Integrating Evidences of Independently Developed Face and Speaker Recognition Systems by Using Discrete Probability Density Function. , 2007, , .		2
33	A vision-based user authentication system in robot environments by using semi-biometrics and tracking. , 2005, , .		8
34	Image Navigation: A Massively Interactive Model for Similarity Retrieval of Images. International Journal of Computer Vision, 2004, 56, 131-145.	15.6	4
35	An effective method for combining multiple features of image retrieval. , 0, , .		9
36	Evolutionary role model and basic emotions of service robots originated from computers. , 0, , .		4