Shuichi Akizuki

List of Publications by Year
in descending order

20 papers	79 citations	2258059 3 h-index	1588992 8 g-index
20 all docs	20 docs citations	20 times ranked	87 citing authors

#	Article	IF	Citations
1	A brief review of affordance in robotic manipulation research. Advanced Robotics, 2017, 31, 1086-1101.	1.8	38
2	Stable Position and Pose Estimation of Industrial Parts Using Evaluation of Observability of 3D Vector Pairs. Journal of Robotics and Mechatronics, 2015, 27, 174-181.	1.0	9
3	High-speed and reliable object recognition using distinctive 3-D vector-pairs in a range image. , 2012, , .		6
4	SHORT: A fast 3D feature description based on estimating occupancy in spherical shell regions. , 2015, , .		5
5	A Survey and Technology Trends of 3D Features for Object Recognition. Electronics and Communications in Japan, 2017, 100, 31-42.	0.5	5
6	Bin-picking Robot using a Multi-gripper Switching Strategy based on Object Sparseness. , 2019, , .		4
7	High-speed Object Pose Recognition using Distinctive 3-D Vector Pairs. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 1853-1854.	0.2	2
8	A Robust Matching Method for Low‐Textured Images Based on Co‐Occurrence Probability of Geometry‐Optimized Pixel Patterns. Electronics and Communications in Japan, 2015, 98, 14-22.	0.5	2
9	A Survey and Technology Trends of 3D Features for Object Recognition. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 1038-1046.	0.2	2
10	Semi-automatic Training Data Generation for Semantic Segmentation using 6DoF Pose Estimation. , 2019, , .		2
11	Position and pose recognition of randomly stacked objects using highly observable 3D vector pairs. , 2014, , .		1
12	Accuracy improvement of functional attribute recognition by dense CRF considering object shape. Electronics and Communications in Japan, 2019, 102, 56-62.	0.5	1
13	Supporting collective physical activities by interactive floor projection in a special-needs school setting. International Journal of Child-Computer Interaction, 2021, , 100392.	3.5	1
14	Fixation-Free Evaluation of Cardiac Contractile Force by Human iPSC-Derived Cardiac Core-Shell Microfiber. , 2022, , .		1
15	High-speed and reliable object recognition based on low-dimensional local shape features. , 2014, , .		0
16	Pose alignment for different objects using affordance cues. , 2018, , .		0
17	A Robust Matching Method for Low-textured Image based on Co-occurrence Probability of Geometry-Optimized Pixel Patterns. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 1943-1949.	0.2	0
18	A Proposal of 3D Feature based on Occupancy of Point Cloud in Multi-Scale Shell Region. IEEJ Transactions on Electronics, Information and Systems, 2016, 136, 1078-1084.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Accuracy Improvement of Functional Attribute Recognition by Dense CRF Considering Object Shape. IEEJ Transactions on Electronics, Information and Systems, 2018, 138, 1088-1093.	0.2	0
20	A Multi-purpose RGB-D Dataset for Understanding Everyday Objects. , 2020, , .		0