

Nikolaus Vahrenkamp

List of Publications by Year in descending order

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386
citing authors

#	ARTICLE	IF	CITATIONS
1	Distance-Aware Dynamically Weighted Roadmaps for Motion Planning in Unknown Environments. IEEE Robotics and Automation Letters, 2018, 3, 2016-2023.	5.1	5
2	Planning High-Quality Grasps Using Mean Curvature Object Skeletons. IEEE Robotics and Automation Letters, 2018, 3, 911-918.	5.1	16
3	EVALUATING AND OPTIMIZING COMPONENT-BASED ROBOT ARCHITECTURES USING NETWORK SIMULATION. , 2018, , .		0
4	A combined approach for robot placement and coverage path planning for mobile manipulation. , 2017, , .		14
5	Workspace analysis for planning human-robot interaction tasks. , 2016, , .		28
6	Heuristic 3D object shape completion based on symmetry and scene context. , 2016, , .		16
7	Unifying Representations and Large-Scale Whole-Body Motion Databases for Studying Human Motion. IEEE Transactions on Robotics, 2016, 32, 796-809.	10.3	77
8	Resource-aware motion planning. , 2016, , .		4
9	The KIT whole-body human motion database. , 2015, , .		120
10	IK-Map: An enhanced workspace representation to support inverse kinematics solvers. , 2015, , .		15
11	Extraction of Whole-Body Affordances for Loco-Manipulation Tasks. International Journal of Humanoid Robotics, 2015, 12, 1550031.	1.1	14
12	The robot software framework ArmarX. IT - Information Technology, 2015, 57, 99-111.	0.9	38
13	Extracting whole-body affordances from multimodal exploration. , 2014, , .		19