

Aljaz Kramberger

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

399
citations

1040056

9
h-index

1281871

11
g-index

26
all docs

26
docs citations

26
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-view object pose distribution tracking for pre-grasp planning on mobile robots. , 2022, , .		3
2	Design, simulation and robotic assembly of reversible timber structures. Construction Robotics, 2021, 5, 13-22.	2.2	16
3	Design and assembly automation of the Robotic Reversible Timber Beam. Automation in Construction, 2021, 123, 103531.	9.8	30
4	Pneumatic-Mechanical Systems in UAVs: Autonomous Power Line Sensor Unit Deployment. , 2021, , .		11
5	Quick Setup of Force-Controlled Industrial Gluing Tasks Using Learning From Demonstration. Frontiers in Robotics and AI, 2021, 8, 767878.	3.2	4
6	Robotic Assembly of Timber Structures in a Human-Robot Collaboration Setup. Frontiers in Robotics and AI, 2021, 8, 768038.	3.2	23
7	Smart hardware integration with advanced robot programming technologies for efficient reconfiguration of robot workcells. Robotics and Computer-Integrated Manufacturing, 2020, 66, 101979.	9.9	39
8	Adapting Learning by Demonstration for Robot Based Part Feeding Applications. , 2020, , .		4
9	Combined Optimization of Gripper Finger Design and Pose Estimation Processes for Advanced Industrial Assembly. , 2019, , .		4
10	Towards Reversible Dynamic Movement Primitives. , 2019, , .		7
11	Vision-less Bin-Picking for Small Parts Feeding. , 2019, , .		2
12	Teaching a Robot the Semantics of Assembly Tasks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 670-692.	9.3	46
13	Passivity Based Iterative Learning of Admittance-Coupled Dynamic Movement Primitives for Interaction with Changing Environments. , 2018, , .		16
14	Compensating Pose Uncertainties through Appropriate Gripper Finger Cutouts. Acta Mechanica Et Automatica, 2018, 12, 78-83.	0.6	8
15	Generalization of orientation trajectories and force-torque profiles for robotic assembly. Robotics and Autonomous Systems, 2017, 98, 333-346.	5.1	44
16	Adapting to contacts: Energy tanks and task energy for passivity-based dynamic movement primitives. , 2017, , .		33
17	Optimizing grippers for compensating pose uncertainties by dynamic simulation. , 2016, , .		1
18	Transfer of contact skills to new environmental conditions. , 2016, , .		8

#	ARTICLE	IF	CITATIONS
19	Generalization of orientational motion in unit quaternion space. , 2016, , .		5
20	Learning of assembly constraints by demonstration and active exploration. Industrial Robot, 2016, 43, 524-534.	2.1	15
21	Technologies for the Fast Set-Up of Automated Assembly Processes. KI - Kunstliche Intelligenz, 2014, 28, 305-313.	3.2	17
22	A comparison of learning-by-demonstration methods for force-based robot skills. , 2014, , .		3
23	Solving peg-in-hole tasks by human demonstration and exception strategies. Industrial Robot, 2014, 41, 575-584.	2.1	52
24	Towards easy setup of robotic assembly tasks. Advanced Robotics, 0, , 1-15.	1.8	2
25	Towards robot cell matrices for agile production â€“ SDU Robotics' assembly cell at the WRC 2018. Advanced Robotics, 0, , 1-17.	1.8	6