

Daniel Rakita

List of Publications by Year in descending order

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Version: 2024-02-01

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Motion Retargeting Method for Effective Mimicry-based Teleoperation of Robot Arms. , 2017, , .		67
2	RelaxedIK: Real-time Synthesis of Accurate and Feasible Robot Arm Motion. , 0, , .		62
3	Shared controlâ€‘based bimanual robot manipulation. Science Robotics, 2019, 4, .	17.6	49
4	An Autonomous Dynamic Camera Method for Effective Remote Teleoperation. , 2018, , .		47
5	Understanding human-robot interaction in virtual reality. , 2017, , .		28
6	MotionBenchMaker: A Tool to Generate and Benchmark Motion Planning Datasets. IEEE Robotics and Automation Letters, 2022, 7, 882-889.	5.1	17
7	Evaluating intent-expressive robot arm motion. , 2016, , .		15
8	Remote Telemanipulation with Adapting Viewpoints in Visually Complex Environments. , 0, , .		14
9	A flexible optimization-based method for synthesizing intent-expressive robot arm motion. International Journal of Robotics Research, 2018, 37, 1376-1394.	8.5	13
10	CollisionIK: A Per-Instant Pose Optimization Method for Generating Robot Motions with Environment Collision Avoidance. , 2021, , .		12
11	STAMPEDE: A Discrete-Optimization Method for Solving Pathwise-Inverse Kinematics. , 2019, , .		11
12	Shared Dynamic Curves. , 2018, , .		10
13	An analysis of RelaxedIK: an optimization-based framework for generating accurate and feasible robot arm motions. Autonomous Robots, 2020, 44, 1341-1358.	4.8	8
14	Effects of Onset Latency and Robot Speed Delays on Mimicry-Control Teleoperation. , 2020, , .		8
15	Single-query Path Planning Using Sample-Efficient Probability Informed Trees. IEEE Robotics and Automation Letters, 2021, 6, 4624-4631.	5.1	7
16	User-Guided Offline Synthesis of Robot Arm Motion from 6-DoF Paths. , 2019, , .		6
17	Motion synopsis for robot arm trajectories. , 2016, , .		0
18	Recognizing actions during tactile manipulations through force sensing. , 2017, , .		0