

AleÅ; VysockÃ½

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/929517/publications.pdf>

Version: 2024-02-01

16
papers

267
citations

1464605

7
h-index

1181555

14
g-index

16
all docs

16
docs citations

16
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation Environment for Neural Network Dataset Generation. Lecture Notes in Computer Science, 2022, , 322-332.	1.0	1
2	Improved Mutual Understanding for Human-Robot Collaboration: Combining Human-Aware Motion Planning with Haptic Feedback Devices for Communicating Planned Trajectory. Sensors, 2021, 21, 3673.	2.1	26
3	Method for Robot Manipulator Joint Wear Reduction by Finding the Optimal Robot Placement in a Robotic Cell. Applied Sciences (Switzerland), 2021, 11, 5398.	1.3	4
4	Intuitive Spatial Tactile Feedback for Better Awareness about Robot Trajectory during Human-Robot Collaboration. Sensors, 2021, 21, 5748.	2.1	16
5	Using Virtual Scanning to Find Optimal Configuration of a 3D Scanner Turntable for Scanning of Mechanical Parts. Sensors, 2021, 21, 5343.	2.1	6
6	Reduction in Robotic Arm Energy Consumption by Particle Swarm Optimization. Applied Sciences (Switzerland), 2020, 10, 8241.	1.3	10
7	Analysis of Precision and Stability of Hand Tracking with Leap Motion Sensor. Sensors, 2020, 20, 4088.	2.1	20
8	Improved Pose Estimation of Aruco Tags Using a Novel 3D Placement Strategy. Sensors, 2020, 20, 4825.	2.1	25
9	Camera-Based Method for Identification of the Layout of a Robotic Workcell. Applied Sciences (Switzerland), 2020, 10, 7679.	1.3	10
10	Modular Rover Design for Exploration and Analytical Tasks. Lecture Notes in Computer Science, 2020, , 203-215.	1.0	2
11	TUNING PERCEPTION AND MOTION PLANNING PARAMETERS FOR MOVEIT! FRAMEWORK. MM Science Journal, 2020, 2020, 4154-4163.	0.2	3
12	Motion Planning Analysis According to ISO/TS 15066 in Human-Robot Collaboration Environment. , 2019, , .		4
13	Interaction with Collaborative Robot Using 2D and TOF Camera. Lecture Notes in Computer Science, 2019, , 477-489.	1.0	3
14	A Study on Direct Teleoperation Device Kinematics. Lecture Notes in Computer Science, 2019, , 140-146.	1.0	0
15	USE OF DIFFERENT SIMULATION METHODS FOR DESIGN OF EXPERIMENTAL ROVER. MM Science Journal, 2018, 12, 2616-2620.	0.2	1
16	HUMAN-Robot COLLABORATION IN INDUSTRY. MM Science Journal, 2016, 2016, 903-906.	0.2	136