Miao Li

List of Publications by Year
in descending order

28	626	933447	1058476
papers	citations	10	14
		h-index	g-index

28	28	28	613
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Incremental Motor Skill Learning and Generalization From Human Dynamic Reactions Based on Dynamic Movement Primitives and Fuzzy Logic System. IEEE Transactions on Fuzzy Systems, 2022, 30, 1506-1515.	9.8	10
2	Robot Cooking With Stir-Fry: Bimanual Non-Prehensile Manipulation of Semi-Fluid Objects. IEEE Robotics and Automation Letters, 2022, 7, 5159-5166.	5.1	14
3	Learning Friction Model for Magnet-Actuated Tethered Capsule Robot. , 2022, , .		1
4	Unknown Object Segmentation through Domain Adaptation. , 2021, , .		2
5	Learning to Predict Action Based on B-ultrasound Image Information. , 2021, , .		0
6	Motion Mappings for Continuous Bilateral Teleoperation. IEEE Robotics and Automation Letters, 2021, 6, 5048-5055.	5.1	16
7	Trajectory-Smooth Optimization and Simulation of Dual-Robot Collaborative Welding. Lecture Notes in Computer Science, 2021, , 699-709.	1.3	1
8	Learning Friction Model for Tethered Capsule Robot. , 2021, , .		2
9	Learning Robotic Ultrasound Scanning Skills via Human Demonstrations and Guided Explorations. , 2021, , .		7
10	A Dual Quaternion-Based Approach for Coordinate Calibration of Dual Robots in Collaborative Motion. IEEE Robotics and Automation Letters, 2020, 5, 4086-4093.	5.1	43
11	Learning Optimal Fin-Ray Finger Design for Soft Grasping. Frontiers in Robotics and AI, 2020, 7, 590076.	3.2	7
12	Recent advances in robot‐assisted echography: combining perception, control and cognition. Cognitive Computation and Systems, 2020, 2, 85-92.	1.4	3
13	Learning Force-Relevant Skills from Human Demonstration. Complexity, 2019, 2019, 1-11.	1.6	24
14	Haptics Electromyography Perception and Learning Enhanced Intelligence for Teleoperated Robot. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1512-1521.	5.2	81
15	Learning task manifolds for constrained object manipulation. Autonomous Robots, 2018, 42, 159-174.	4.8	9
16	Mechatronic Design and Control of a 3D Printed Low Cost Robotic Upper Limb. , 2018, , .		4
17	Human-Robot Interaction. Journal of Robotics, 2018, 2018, 1-2.	0.9	3
18	Hierarchical Fingertip Space: A Unified Framework for Grasp Planning and In-Hand Grasp Adaptation. IEEE Transactions on Robotics, 2016, 32, 960-972.	10.3	85

#	Article	IF	Citations
19	Learning partial power grasp with task-specific contact. , 2016, , .		2
20	A modular approach to learning manipulation strategies from human demonstration. Autonomous Robots, 2016, 40, 903-927.	4.8	19
21	Dexterous grasping under shape uncertainty. Robotics and Autonomous Systems, 2016, 75, 352-364.	5.1	80
22	Learning object-level impedance control for robust grasping and dexterous manipulation. , 2014, , .		60
23	Learning of grasp adaptation through experience and tactile sensing. , 2014, , .		68
24	Bimanual compliant tactile exploration for grasping unknown objects. , 2014, , .		30
25	On the generation of a variety of grasps. Robotics and Autonomous Systems, 2013, 61, 1335-1349.	5.1	19
26	Learning a real time grasping strategy. , 2013, , .		15
27	Bridging the Gap: One shot grasp synthesis approach. , 2012, , .		20
28	Learning Robotic Ultrasound Skills from Human Demonstrations. , 0, , .		1