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List of Publications by Year
in descending order

19 papers	**206** citations	1478505 **6** h-index	1372567 **10** g-index
19 all docs	**19** docs citations	**19** times ranked	**189** citing authors

#	Article	IF	Citations
1	Learning a Low-Dimensional Representation of a Safe Region for Safe Reinforcement Learning on Dynamical Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2513-2527.	11.3	2
2	Learning Robotic Manipulation of Natural Materials With Variable Properties for Construction Tasks. IEEE Robotics and Automation Letters, 2022, 7, 5749-5756.	5.1	4
3	Learning Efficient Constraint Graph Sampling for Robotic Sequential Manipulation. , 2021, , .		4
4	Co-Optimizing Robot, Environment, and Tool Design via Joint Manipulation Planning. , 2021, , .		8
5	A General Framework to Increase Safety of Learning Algorithms for Dynamical Systems Based on Region of Attraction Estimation. IEEE Transactions on Robotics, 2020, 36, 1472-1490.	10.3	11
6	Robust Task and Motion Planning for Long-Horizon Architectural Construction Planning. , 2020, , .		15
7	Adaptation and Transfer of Robot Motion Policies for Close Proximity Human-Robot Interaction. Frontiers in Robotics and AI, 2019, 6, 69.	3.2	7
8	An Ontology for Human-Human Interactions and Learning Interaction Behavior Policies. ACM Transactions on Human-Robot Interaction, 2019, 8, 1-26.	4.1	3
9	A Hybrid Human-Robot Collaborative Environment for Recycling Electrical and Electronic Equipment. , 2019, , .		6
10	An Inverse Optimal Control Approach to Explain Human Arm Reaching Control Based on Multiple Internal Models. Scientific Reports, 2018, 8, 5583.	3.3	24
11	Learning Hand Movement Interaction Control Using RNNs: From HHI to HRI. IEEE Robotics and Automation Letters, 2018, 3, 4100-4107.	5.1	1
12	A Hybrid Framework for Understanding and Predicting Human Reaching Motions. Frontiers in Robotics and AI, 2018, 5, 27.	3.2	9
13	A game-theoretic approach for adaptive action selection in close proximity human-robot-collaboration. , 2017, , .		21
14	Progressive stochastic motion planning for human-robot interaction. , 2017, , .		7
15	Hybrid Human Motion Prediction for Action Selection Within Human-Robot Collaboration. Springer Proceedings in Advanced Robotics, 2017, , 289-298.	1.3	2
16	An approach to integrate human motion prediction into local obstacle avoidance in close human-robot collaboration. , 2015, , .		14
17	Supporting Negotiation Behavior with Haptics-Enabled Human-Computer Interfaces. IEEE Transactions on Haptics, 2012, 5, 274-284.	2.7	21
18	Improving Human-Computer Cooperation Through Haptic Role Exchange and Negotiation. Springer Series on Touch and Haptic Systems, 2012, , 229-254.	0.3	7

#	Article	IF	Citations
19	Haptic negotiation and role exchange for collaboration in virtual environments. , 2010, , .		40