Nathan Ratliff

List of Publications by Year
in descending order

10	1,290	1478505	1872680
papers	citations	6	6
		h-index	g-index

10	10	10	1134
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	CHOMP: Gradient optimization techniques for efficient motion planning. , 2009, , .		570
2	CHOMP: Covariant Hamiltonian optimization for motion planning. International Journal of Robotics Research, 2013, 32, 1164-1193.	8.5	474
3	Optimization and learning for rough terrain legged locomotion. International Journal of Robotics Research, 2011, 30, 175-191.	8.5	92
4	Real-Time Perception Meets Reactive Motion Generation. IEEE Robotics and Automation Letters, 2018, 3, 1864-1871.	5.1	50
5	Understanding the geometry of workspace obstacles in Motion Optimization. , 2015, , .		34
6	Towards robust online inverse dynamics learning. , 2016, , .		21
7	RMPflow: A Computational Graph for Automatic Motion Policy Generation. Springer Proceedings in Advanced Robotics, 2020, , 441-457.	1.3	13
8	DOOMED: Direct Online Optimization of Modeling Errors in Dynamics. Big Data, 2016, 4, 253-268.	3.4	12
9	Warping the workspace geometry with electric potentials for motion optimization of manipulation tasks. , 2016, , .		12
10	RMP<i>flow</i>: A Geometric Framework for Generation of Multitask Motion Policies. IEEE Transactions on Automation Science and Engineering, 2021, 18, 968-987.	5.2	12