Wenhao Luo

List of Publications by Year
in descending order

20 papers	209 citations	3311381 1 h-index	3475538 1 g-index
20 all docs	20 docs citations	20 times ranked	123 citing authors

#	Article	IF	Citations
1	Adaptive Sampling and Online Learning in Multi-Robot Sensor Coverage with Mixture of Gaussian Processes. , 2018, , .		52
2	Minimum k-Connectivity Maintenance for Robust Multi-Robot Systems. , 2019, , .		24
3	Voronoi-based Coverage Control with Connectivity Maintenance for Robotic Sensor Networks. , 2019, , .		20
4	Adaptive Informative Sampling with Environment Partitioning for Heterogeneous Multi-Robot Systems. , 2020, , .		17
5	Probabilistic Safety-Assured Adaptive Merging Control for Autonomous Vehicles. , 2021, , .		15
6	A suboptimal and analytical solution to mobile robot trajectory generation amidst moving obstacles. Autonomous Robots, 2015, 39, 1-23.	4.8	14
7	Distributed dynamic priority assignment and motion planning for multiple mobile robots with kinodynamic constraints. , 2016, , .		13
8	Distributed knowledge leader selection for multi-robot environmental sampling under bandwidth constraints. , 2016, , .		11
9	Asynchronous distributed information leader selection in robotic swarms. , 2015, , .		7
10	Decentralized Method for Sub-Swarm Deployment and Rejoining. , 2018, , .		6
11	A Computational Framework for Integrating Task Planning and Norm Aware Reasoning for Social Robots. , 2018, , .		6
12	Decentralized coordinated motion for a large team of robots preserving connectivity and avoiding collisions. , 2017, , .		5
13	Distributed Topology Correction for Flexible Connectivity Maintenance in Multi-Robot Systems. , 2021, , .		5
14	Online decision making for stream-based robotic sampling via submodular optimization. , 2017, , .		3
15	Decentralized Multiple Mobile Depots Route Planning for Replenishing Persistent Surveillance Robots. , 2019, , .		3
16	Online Connectivity-aware Dynamic Deployment for Heterogeneous Multi-Robot Systems. , 2021, , .		3
17	Heuristic-based Multiple Mobile Depots Route Planning for Recharging Persistent Surveillance Robots. , 2019, , .		2
18	Minimally Disruptive Connectivity Enhancement for Resilient Multi-Robot Teams. , 2020, , .		2

#	Article	IF	Citations
19	Hiding Leader's Identity in Leader-Follower Navigation through Multi-Agent Reinforcement Learning. , 2021, , .		1
20	Handling state uncertainty in distributed information leader selection for robotic swarms. , 2016, , .		0