

Lifeng Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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17
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17
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130
citing authors

#	ARTICLE	IF	CITATIONS
1	Resilient Active Target Tracking With Multiple Robots. IEEE Robotics and Automation Letters, 2019, 4, 129-136.	5.1	53
2	Active Target Tracking With Self-Triggered Communications in Multi-Robot Teams. IEEE Transactions on Automation Science and Engineering, 2019, 16, 1085-1096.	5.2	25
3	Sensor Assignment Algorithms to Improve Observability While Tracking Targets. IEEE Transactions on Robotics, 2019, 35, 1206-1219.	10.3	21
4	Multi-robot Coordination and Planning in Uncertain and Adversarial Environments. Current Robotics Reports, 2021, 2, 147-157.	7.9	18
5	Distributed Attack-Robust Submodular Maximization for Multi-Robot Planning. , 2020, , .		15
6	Distributed Resilient Submodular Action Selection in Adversarial Environments. IEEE Robotics and Automation Letters, 2021, 6, 5832-5839.	5.1	12
7	Robust Multiple-Path Orienteering Problem: Securing Against Adversarial Attacks. , 0, , .		10
8	Distributed Attack-Robust Submodular Maximization for Multirobot Planning. IEEE Transactions on Robotics, 2022, 38, 3097-3112.	10.3	7
9	Resilient Coverage: Exploring the Local-to-Global Trade-off. , 2020, , .		6
10	Active target tracking with self-triggered communications. , 2017, , .		5
11	Strategies to Design Signals to Spoof Kalman Filter. , 2018, , .		5
12	Game tree search for minimizing detectability and maximizing visibility. Autonomous Robots, 2021, 45, 283-297.	4.8	5
13	Adaptive and Risk-Aware Target Tracking for Robot Teams With Heterogeneous Sensors. IEEE Robotics and Automation Letters, 2022, 7, 5615-5622.	5.1	5
14	An Approximation Algorithm for Distributed Resilient Submodular Maximization: Extended Abstract. , 2019, , .		4
15	Tree Search Techniques for Minimizing Detectability and Maximizing Visibility. , 2019, , .		3
16	Risk-Aware Submodular Optimization for Multirobot Coordination. IEEE Transactions on Robotics, 2022, 38, 3064-3084.	10.3	3
17	Communication-Aware Multi-robot Coordination with Submodular Maximization. , 2021, , .		2