Luqi Wang

List of Publications by Year
in descending order

9 papers	441 citations	1684188 5 h-index	1872680 6 g-index
9 all docs	9 docs citations	9 times ranked	250 citing authors

#	ARTICLE	IF	CITATIONS
1	Robust and Efficient Quadrotor Trajectory Generation for Fast Autonomous Flight. IEEE Robotics and Automation Letters, 2019, 4, 3529-3536.	5.1	285
2	Teach-Repeat-Replan: A Complete and Robust System for Aggressive Flight in Complex Environments. IEEE Transactions on Robotics, 2020, 36, 1526-1545.	10.3	74
3	Omni-Swarm: A Decentralized Omnidirectional Visual–Inertial–UWB State Estimation System for Aerial Swarms. IEEE Transactions on Robotics, 2022, 38, 3374-3394.	10.3	24
4	Flying through a narrow gap using neural network: an end-to-end planning and control approach. , 2019, , .		22
5	Optimal Trajectory Generation for Quadrotor Teach-and-Repeat. IEEE Robotics and Automation Letters, 2019, 4, 1493-1500.	5.1	18
6	A Collaborative Aerial-Ground Robotic System for Fast Exploration. Springer Proceedings in Advanced Robotics, 2020, , 59-71.	1.3	10
7	Exploration with Global Consistency Using Real-Time Re-integration and Active Loop Closure. , 2022, , .		4
8	Estimation and Adaption of Indoor Ego Airflow Disturbance with Application to Quadrotor Trajectory Planning. , 2021, , .		2
9	Neither Fast nor Slow: How to Fly Through Narrow Tunnels. IEEE Robotics and Automation Letters, 2022, 7, 5489-5496.	5.1	2