

# Xiaomei Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9888458/publications.pdf>

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9  
papers

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1684188  
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#	ARTICLE	IF	CITATIONS
1	Observer-based fixed-time continuous nonsingular terminal sliding mode control of quadrotor aircraft under uncertainties and disturbances for robust trajectory tracking: Theory and experiment. Control Engineering Practice, 2021, 111, 104806.	5.5	52
2	Theory and practice for autonomous formation flight of quadrotors via distributed robust sliding mode control protocol with fixed-time stability guarantee. Control Engineering Practice, 2022, 123, 105150.	5.5	27
3	Fixed-time nonlinear homogeneous sliding mode approach for robust tracking control of multirotor aircraft: Experimental validation. Journal of the Franklin Institute, 2022, 359, 1971-2029.	3.4	21
4	Robust Finite-Time Trajectory Tracking Control of Quadrotor Aircraft via Terminal Sliding Mode-Based Active Antidisturbance Approach: A PIL Experiment. International Journal of Aerospace Engineering, 2021, 2021, 1-28.	0.9	11
5	Nonlinear homogeneous sliding mode approach for fixed-time robust formation tracking control of networked quadrotors. Aerospace Science and Technology, 2022, 126, 107639.	4.8	8
6	Finite-Time Attitude Control of Uncertain Quadrotor Aircraft via Continuous Terminal Sliding-Mode-Based Active Anti-Disturbance Approach. , 2021, , .		6
7	Distributed Leader-Follower Formation Control of Quadrotors Swarm Subjected to Disturbances. , 2021, , .		5
8	Finite-Time Observer-Based Robust Continuous Twisting Control for the Attitude of an Uncertain Quadrotor UAV Subjected to Disturbances. , 2020, , .		5
9	Planetary Rover Path Planning Based on Improved A* Algorithm. Lecture Notes in Computer Science, 2019, , 341-353.	1.3	2