

# Zhu Wang

## List of Publications by Year in descending order

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19  
papers

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citations

1478280

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h-index

1719901

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g-index

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all docs

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docs citations

19  
times ranked

195  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-UAV reconnaissance task allocation for heterogeneous targets using an opposition-based genetic algorithm with double-chromosome encoding. Chinese Journal of Aeronautics, 2018, 31, 339-350.	2.8	114
2	Minimum-Time Trajectory Planning for Multi-Unmanned-Aerial-Vehicle Cooperation Using Sequential Convex Programming. Journal of Guidance, Control, and Dynamics, 2017, 40, 2976-2982.	1.6	37
3	Efficient unmanned aerial vehicle formation rendezvous trajectory planning using Dubins path and sequential convex programming. Engineering Optimization, 2019, 51, 1412-1429.	1.5	16
4	Enhanced sparse A* search for UAV path planning using dubins path estimation. , 2014, , .		10
5	Target-bundled genetic algorithm for multi-unmanned aerial vehicle cooperative task assignment considering precedence constraints. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 760-773.	0.7	10
6	Trust-region filtered sequential convex programming for multi-UAV trajectory planning and collision avoidance. ISA Transactions, 2022, 128, 664-676.	3.1	7
7	Matrix Structure Driven Interior Point Method for Quadrotor Real-Time Trajectory Planning. IEEE Access, 2019, 7, 90941-90953.	2.6	6
8	Multiple paths planning for UAVs using particle swarm optimization with sequential niche technique. , 2016, , .		5
9	Multi-UAV Cooperative Target Tracking Method using sparse A search and Standoff tracking algorithms. , 2018, , .		5
10	Obstacle-Avoidance Trajectory Planning for Attitude-Constrained Quadrotors using Second-order Cone Programming. , 2018, , .		5
11	Multi-UCAVs targets assignment using opposition-based genetic algorithm. , 2015, , .		4
12	UAV Dynamic Path Planning using Anytime Repairing Sparse A <sup>*</sup> Algorithm and Targets Motion Estimation (IEEE/CSAA GNCC). , 2018, , .		3
13	Constrained Particle Swarm Optimization Using the Filter Approach. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2015, 51, 137.	0.7	2
14	Aircraft route planning for stealth penetration based on sparse A <sup>*</sup> search. , 2017, , .		1
15	Multi-UAVs Target Assignment Using Opposition-based Genetic Algorithm with Multiple Mutation Operators. , 2016, , .		0
16	RRT*-based Threat-Avoidance Trajectory Planning for Aircrafts (IEEE/CSAA GNCC)*. , 2018, , .		0
17	Generation of Cooperative Paths with Equal Length Using Filter Particle Swarm Optimization. , 2018, , .		0
18	Ground Vehicles Cooperative Route Planning for Survivability Improvement. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	Tangential-Force-Based Collision-free Formation Control for Non-holonomic Mobile Robots. , 2019, , .		0