

He Luo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

298
citations

1039880

9
h-index

887953

17
g-index

27
all docs

27
docs citations

27
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Communication topology optimization for three-dimensional persistent formation with leader constraint. Optimization Letters, 2021, 15, 513-535.	0.9	3
2	Fast Generation of Optimal Topology for 3D Wireless Sensor Networks. , 2021, , .		1
3	Two-stage hybrid heuristic search algorithm for novel weapon target assignment problems. Computers and Industrial Engineering, 2021, 162, 107717.	3.4	5
4	Fast Construction Algorithm of Cooperative Relay Network for Unmanned Aerial Vehicle. , 2021, , .		0
5	A Fast Generation Algorithm of Communication Topology for Three-dimensional Optimally Persistent Formation. , 2021, , .		1
6	A Topology Control Algorithm Based on Minimum Spanning Tree for Wireless Sensor Network. , 2021, , .		1
7	A Fast Optimization Algorithm of Communication Topology for Two-dimensional Persistent Formation. , 2021, , .		1
8	Cooperative Occupancy Decision Making of Multi-UAV in Beyond-Visual-Range Air Combat: A Game Theory Approach. IEEE Access, 2020, 8, 11624-11634.	2.6	33
9	Optimization Dubins Path of Multiple UAVs for Post-Earthquake Rapid-Assessment. Applied Sciences (Switzerland), 2020, 10, 1388.	1.3	11
10	Cooperative Transmission Tower Inspection with a Vehicle and a UAV in Urban Areas. Energies, 2020, 13, 326.	1.6	12
11	Multi-UAV Rapid-Assessment Task-Assignment Problem in a Post-Earthquake Scenario. IEEE Access, 2019, 7, 74542-74557.	2.6	30
12	Traffic Patrolling Routing Problem with Drones in an Urban Road System. Sensors, 2019, 19, 5164.	2.1	22
13	Generation of optimal persistent formations for heterogeneous multi-agent systems with a leader constraint. Chinese Physics B, 2018, 27, 028901.	0.7	6
14	Integrated optimization of unmanned aerial vehicle task allocation and path planning under steady wind. PLoS ONE, 2018, 13, e0194690.	1.1	24
15	Fault-tolerant communication topology management based on minimum cost arborescence for leader-follower UAV formation under communication faults. International Journal of Advanced Robotic Systems, 2017, 14, 172988141769396.	1.3	10
16	Optimization of Pesticide Spraying Tasks via Multi-UAVs Using Genetic Algorithm. Mathematical Problems in Engineering, 2017, 2017, 1-16.	0.6	14
17	Quadcopter autonomous control system based on image recognition. , 2016, , .		1
18	Task Oriented Load Balancing Strategy for Service Resource Allocation in Cloud Environment. Lecture Notes in Computer Science, 2016, , 37-46.	1.0	2

#	ARTICLE	IF	CITATIONS
19	Robust decision making for UAV air-to-ground attack under severe uncertainty. Journal of Central South University, 2015, 22, 4263-4273.	1.2	8
20	Task Assignment for Multi-UAV under Severe Uncertainty by Using Stochastic Multicriteria Acceptability Analysis. Mathematical Problems in Engineering, 2015, 2015, 1-10.	0.6	13
21	Hierarchical method of task assignment for multiple cooperating UAV teams. Journal of Systems Engineering and Electronics, 2015, 26, 1000-1009.	1.1	48
22	The dynamic migration model for cloud service resource balancing energy consumption and QoS. , 2015, , .		2
23	A Fusion Model for CPU Load Prediction in Cloud Computing. Journal of Networks, 2013, 8, .	0.4	7
24	Agent oriented intelligent fault diagnosis system using evidence theory. Expert Systems With Applications, 2012, 39, 2524-2531.	4.4	38
25	Multi agent negotiation model for distributed task allocation. , 2010, , .		2
26	A GAHP approach for probability elicitation for influence diagrams. , 2010, , .		0