

Songyang Lao

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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all docs

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docs citations

23
times ranked

278
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic Review of Collision-Avoidance Approaches for Unmanned Aerial Vehicles. IEEE Systems Journal, 2022, 16, 4356-4367.	2.9	17
2	SFSADE: an improved self-adaptive differential evolution algorithm with a shuffled frog-leaping strategy. Artificial Intelligence Review, 2022, 55, 3937-3978.	9.7	8
3	EDO: An Elastic Deformation Optimization Algorithm. Applied Intelligence, 2022, 52, 17580-17599.	3.3	3
4	Trajectory prediction based on long short-term memory network and Kalman filter using hurricanes as an example. Computational Geosciences, 2021, 25, 1005-1023.	1.2	12
5	Research on Cooperative Reconnaissance Strategy of the Unmanned Aerial Vehicle Group in Uncertain Environment. , 2021, , .		0
6	Research on Multi-UAV Cooperative Defense Method with Support Mechanism. , 2021, , .		0
7	PFNet: a novel part fusion network for fine-grained visual categorization. Multimedia Tools and Applications, 2020, 79, 33397-33416.	2.6	0
8	AAE-SC: A scRNA-Seq Clustering Framework Based on Adversarial Autoencoder. IEEE Access, 2020, 8, 178962-178975.	2.6	5
9	Review of Unmanned Aerial Vehicle Swarm Communication Architectures and Routing Protocols. Applied Sciences (Switzerland), 2020, 10, 3661.	1.3	79
10	Graphical Modeling and Simulation for a Multi-Aircraft Collision Avoidance Algorithm based on Collaborative Decisions. Symmetry, 2020, 12, 985.	1.1	3
11	An ecological framework to understand the efficacy of fecal microbiota transplantation. Nature Communications, 2020, 11, 3329.	5.8	59
12	Research on Multi-UAV Dynamic Mission Assignment Method Based on Clustering Algorithm. , 2020, , .		1
13	EV-NET: An Analysis Model of Regional Economic Vitality Based on Network Model. , 2020, , .		0
14	Multimodal Fusion of Visual Dialog. , 2020, , .		0
15	Distributed Conflict-Detection and Resolution Algorithm for UAV Swarms Based on Consensus Algorithm and Strategy Coordination. IEEE Access, 2019, 7, 100552-100566.	2.6	16
16	UAV Group Formation Collision Avoidance Method Based on Second-Order Consensus Algorithm and Improved Artificial Potential Field. Symmetry, 2019, 11, 1162.	1.1	22
17	Optimized artificial potential field algorithm to multi-unmanned aerial vehicle coordinated trajectory planning and collision avoidance in three-dimensional environment. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 6032-6043.	0.7	18
18	Distributed Conflict-Detection and Resolution Algorithms for Multiple UAVs Based on Key-Node Selection and Strategy Coordination. IEEE Access, 2019, 7, 42846-42858.	2.6	11

#	ARTICLE	IF	CITATIONS
19	Adaptive Triplet Model for Fine-Grained Visual Categorization. IEEE Access, 2018, 6, 76776-76786.	2.6	2
20	PFNet: A Novel Part Fusion Network for Fine-Grained Image Categorization. , 2018, , .		2
21	Fine-Grained Image Classification With Gaussian Mixture Layer. IEEE Access, 2018, 6, 53356-53367.	2.6	9
22	On the Robustness of No-Feedback Interdependent Networks. Applied Sciences (Switzerland), 2018, 8, 835.	1.3	0
23	A method for enhancing controllability with adding links in directed networks. , 2012, , .		0