

Jun Tang

List of Publications by Year in descending order

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papers

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31
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Representative Swarm Intelligence Algorithms for Solving Optimization Problems: Applications and Trends. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1627-1643.	13.1	335
2	Collision Avoidance for Cooperative UAVs With Optimized Artificial Potential Field Algorithm. IEEE Access, 2017, 5, 18382-18390.	4.2	199
3	Coloured Petri net-based traffic collision avoidance system encounter model for the analysis of potential induced collisions. Transportation Research Part C: Emerging Technologies, 2016, 67, 357-377.	7.6	63
4	Conflict Detection and Resolution for Civil Aviation: A Literature Survey. IEEE Aerospace and Electronic Systems Magazine, 2019, 34, 20-35.	1.3	42
5	A causal encounter model of traffic collision avoidance system operations for safety assessment and advisory optimization in high-density airspace. Transportation Research Part C: Emerging Technologies, 2018, 96, 347-365.	7.6	34
6	Collision Avoidance for Multi-UAV Based on Geometric Optimization Model in 3D Airspace. Arabian Journal for Science and Engineering, 2014, 39, 8409-8416.	1.1	26
7	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.	1.3	18
8	Systematic Review of Collision-Avoidance Approaches for Unmanned Aerial Vehicles. IEEE Systems Journal, 2022, 16, 4356-4367.	4.6	17
9	Distributed Conflict-Detection and Resolution Algorithm for UAV Swarms Based on Consensus Algorithm and Strategy Coordination. IEEE Access, 2019, 7, 100552-100566.	4.2	16
10	Cooperative Multi-UAV Collision Avoidance Based on Distributed Dynamic Optimization and Causal Analysis. Applied Sciences (Switzerland), 2017, 7, 83.	2.5	13
11	Trajectory prediction based on long short-term memory network and Kalman filter using hurricanes as an example. Computational Geosciences, 2021, 25, 1005-1023.	2.4	12
12	Distributed Conflict-Detection and Resolution Algorithms for Multiple UAVs Based on Key-Node Selection and Strategy Coordination. IEEE Access, 2019, 7, 42846-42858.	4.2	11
13	DeepFR: A trajectory prediction model based on deep feature representation. Information Sciences, 2022, 604, 226-248.	6.9	11
14	Efficient Algorithm for the Identification of Node Significance in Complex Network. IEEE Access, 2020, 8, 28947-28955.	4.2	9
15	SFSADE: an improved self-adaptive differential evolution algorithm with a shuffled frog-leaping strategy. Artificial Intelligence Review, 2022, 55, 3937-3978.	15.7	8
16	A typhoon trajectory prediction model based on multimodal and multitask learning. Applied Soft Computing Journal, 2022, 122, 108804.	7.2	8
17	Simulation modelling of traffic collision avoidance system with wind disturbance. IEEE Aerospace and Electronic Systems Magazine, 2018, 33, 36-45.	1.3	6
18	Graphical Modeling and Analysis Software for State Space-Based Optimization of Discrete Event Systems. IEEE Access, 2018, 6, 38385-38398.	4.2	5

#	ARTICLE	IF	CITATIONS
19	A Medium-Term Conflict Detection and Resolution Method for Open Low-Altitude City Airspace Based on Temporally and Spatially Integrated Strategies. IEEE Transactions on Control Systems Technology, 2020, 28, 1817-1830.	5.2	5
20	Tuning the through-thickness orientation of 1D nanocarbons to enhance the electrical conductivity and ILSS of hierarchical CFRP composites. Science and Engineering of Composite Materials, 2021, 28, 453-465.	1.4	5
21	A Causal Model for Safety Assessment Purposes in Opening the Low-Altitude Urban Airspace of Chinese Pilot Cities. Journal of Advanced Transportation, 2018, 2018, 1-18.	1.7	3
22	EDO: An Elastic Deformation Optimization Algorithm. Applied Intelligence, 2022, 52, 17580-17599.	5.3	3
23	Run-time infrastructure based on service-oriented simulation architecture. , 2012, , .		2
24	Sense selection strategy of collision avoidance for cooperative UAVs sharing airspace. , 2016, , .		2
25	Graphical composite modeling and simulation for multi-aircraft collision avoidance. Software and Systems Modeling, 2021, 20, 821-835.	2.7	2
26	Dynamic and Quantitative Method of Analyzing Service Consistency Evolution Based on Extended Hierarchical Finite State Automata. Scientific World Journal, The, 2014, 2014, 1-11.	2.1	1
27	Quantitative evaluation of model consistency evolution in compositional service-oriented simulation using a connected hyper-digraph. Journal of Zhejiang University: Science C, 2014, 15, 1-12.	0.7	1
28	Research on Multi-UAV Dynamic Mission Assignment Method Based on Clustering Algorithm. , 2020, , .		1
29	An evaluation method of object-oriented Petri net on combat effectiveness of air defense and antimissile. , 2016, , .		0
30	Research on Cooperative Reconnaissance Strategy of the Unmanned Aerial Vehicle Group in Uncertain Environment. , 2021, , .		0
31	Research on Multi-UAV Cooperative Defense Method with Support Mechanism. , 2021, , .		0