

Kai-quan Cai

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

288
citations

1307594

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1281871

11
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15
all docs

15
docs citations

15
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Millimeter-Wave NOMA With User Grouping, Power Allocation and Hybrid Beamforming. IEEE Transactions on Wireless Communications, 2019, 18, 5065-5079.	9.2	152
2	Traffic dynamics on coupled spatial networks. Chaos, Solitons and Fractals, 2014, 68, 72-77.	5.1	41
3	RIS-Aided Ground-Aerial NOMA Communications: A Distributionally Robust DRL Approach. IEEE Journal on Selected Areas in Communications, 2022, 40, 1287-1301.	14.0	23
4	A Deep Learning Approach for Flight Delay Prediction Through Time-Evolving Graphs. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11397-11407.	8.0	20
5	A multi-objective multi-memetic algorithm for network-wide conflict-free 4D flight trajectories planning. Chinese Journal of Aeronautics, 2017, 30, 1161-1173.	5.3	15
6	Energy Efficiency Optimization for Communication of Air-Based Information Network with Guaranteed Timing Constraints. Journal of Signal Processing Systems, 2017, 86, 299-312.	2.1	8
7	Transcale average consensus of directed multi-vehicle networks with fixed and switching topologies. International Journal of Control, 2017, 90, 2098-2110.	1.9	7
8	A Network-Based Conflict Resolution Approach for Unmanned Aerial Vehicle Operations in Dense Nonsegregated Airspace. IEEE Intelligent Transportation Systems Magazine, 2022, 14, 212-232.	3.8	6
9	Hierarchical Four-Dimensional Trajectories Planning Method for Manned and Unmanned Aircraft Integrated Airspace. Journal of Guidance, Control, and Dynamics, 2022, 45, 1017-1032.	2.8	6
10	Large scale aircraft conflict resolution based on location network. , 2017, , .		5
11	Distributed Control of Time-Varying Signed Networks: Theories and Applications. IEEE Transactions on Cybernetics, 2022, 52, 301-311.	9.5	2
12	Aeronautical Mobile Communication: The Evolution from Narrowband to Broadband. Engineering, 2021, 7, 431-434.	6.7	1
13	A Multi-Agent Reinforcement Learning Approach for Conflict Resolution in Dense Traffic Scenarios. , 2021, , .		1
14	An Adaptive Capacity Estimation Method for Terminal Airspace Operation. , 2022, , .		1
15	Distributed Control Problems on Signed Networks Under Mixed Static and Dynamic Protocols. IEEE Transactions on Cybernetics, 2023, 53, 2886-2898.	9.5	0