

Zhiwen Hu

List of Publications by Year in descending order

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1307366

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14
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	UAV Aided Aerial-Ground IoT for Air Quality Sensing in Smart City: Architecture, Technologies, and Implementation. IEEE Network, 2019, 33, 14-22.	4.9	81
2	UAV Offloading: Spectrum Trading Contract Design for UAV-Assisted Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6093-6107.	6.1	54
3	Roadside Unit Caching: Auction-Based Storage Allocation for Multiple Content Providers. IEEE Transactions on Wireless Communications, 2017, 16, 6321-6334.	6.1	53
4	ImgSensingNet: UAV Vision Guided Aerial-Ground Air Quality Sensing System. , 2019, , .		33
5	Caching as a Service: Small-Cell Caching Mechanism Design for Service Providers. IEEE Transactions on Wireless Communications, 2016, 15, 6992-7004.	6.1	31
6	AQ360: UAV-Aided Air Quality Monitoring by 360-Degree Aerial Panoramic Images in Urban Areas. IEEE Internet of Things Journal, 2021, 8, 428-442.	5.5	24
7	AQNet: Fine-grained 3D spatio-temporal air quality monitoring by aerial-ground WSN. , 2018, , .		19
8	AirScope: Mobile Robots-Assisted Cooperative Indoor Air Quality Sensing by Distributed Deep Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 9189-9200.	5.5	16
9	Real-Time Fine-Grained Air Quality Sensing Networks in Smart City: Design, Implementation, and Optimization. IEEE Internet of Things Journal, 2019, 6, 7526-7542.	5.5	15
10	Small-cell caching mechanism for multi-service providers. , 2015, , .		5
11	Spectrum Trading Contract Design for UAV Assisted Offloading in Cellular Networks. , 2018, , .		5
12	Real-time Prediction for Fine-grained Air Quality Monitoring System with Asynchronous Sensing. , 2019, , .		4
13	Implementation and Optimization of Real-Time Fine-Grained Air Quality Sensing Networks in Smart City. , 2019, , .		3
14	Deep Reinforcement Learning based Indoor Air Quality Sensing by Cooperative Mobile Robots. , 2020, , .		2