

# Zhiwen Hu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5810683/publications.pdf>

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14  
papers

345  
citations

1307594

7  
h-index

1720034

7  
g-index

14  
all docs

14  
docs citations

14  
times ranked

480  
citing authors

#	ARTICLE	IF	CITATIONS
1	AQ360: UAV-Aided Air Quality Monitoring by 360-Degree Aerial Panoramic Images in Urban Areas. IEEE Internet of Things Journal, 2021, 8, 428-442.	8.7	24
2	Deep Reinforcement Learning based Indoor Air Quality Sensing by Cooperative Mobile Robots. , 2020, , .		2
3	AirScope: Mobile Robots-Assisted Cooperative Indoor Air Quality Sensing by Distributed Deep Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 9189-9200.	8.7	16
4	Implementation and Optimization of Real-Time Fine-Grained Air Quality Sensing Networks in Smart City. , 2019, , .		3
5	Real-time Prediction for Fine-grained Air Quality Monitoring System with Asynchronous Sensing. , 2019, , .		4
6	ImgSensingNet: UAV Vision Guided Aerial-Ground Air Quality Sensing System. , 2019, , .		33
7	UAV Aided Aerial-Ground IoT for Air Quality Sensing in Smart City: Architecture, Technologies, and Implementation. IEEE Network, 2019, 33, 14-22.	6.9	81
8	Real-Time Fine-Grained Air Quality Sensing Networks in Smart City: Design, Implementation, and Optimization. IEEE Internet of Things Journal, 2019, 6, 7526-7542.	8.7	15
9	Spectrum Trading Contract Design for UAV Assisted Offloading in Cellular Networks. , 2018, , .		5
10	AQNet: Fine-grained 3D spatio-temporal air quality monitoring by aerial-ground WSN. , 2018, , .		19
11	UAV Offloading: Spectrum Trading Contract Design for UAV-Assisted Cellular Networks. IEEE Transactions on Wireless Communications, 2018, 17, 6093-6107.	9.2	54
12	Roadside Unit Caching: Auction-Based Storage Allocation for Multiple Content Providers. IEEE Transactions on Wireless Communications, 2017, 16, 6321-6334.	9.2	53
13	Caching as a Service: Small-Cell Caching Mechanism Design for Service Providers. IEEE Transactions on Wireless Communications, 2016, 15, 6992-7004.	9.2	31
14	Small-cell caching mechanism for multi-service providers. , 2015, , .		5