

# Yan Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

121  
citations

1478505

6  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	TDL: Two-dimensional localization for mobile targets using compressive sensing in wireless sensor networks. <i>Computer Communications</i> , 2016, 78, 45-55.	5.1	20
2	Dictionary Refinement for Compressive Sensing Based Device-Free Localization via the Variational EM Algorithm. <i>IEEE Access</i> , 2016, 4, 9743-9757.	4.2	18
3	Variational Bayesian Inference-Based Counting and Localization for Off-Grid Targets With Faulty Prior Information in Wireless Sensor Networks. <i>IEEE Transactions on Communications</i> , 2018, 66, 1273-1283.	7.8	17
4	An Efficient Counting and Localization Framework for Off-Grid Targets in WSNs. <i>IEEE Communications Letters</i> , 2017, 21, 809-812.	4.1	15
5	Variational Bayesian Inference-Based Multiple Target Localization in WSNs With Quantized Received Signal Strength. <i>IEEE Access</i> , 2019, 7, 60228-60241.	4.2	8
6	Compressive Sensing Based Multiple Source Localization in the Presence of Sensor Position Uncertainty and Nonuniform Noise. <i>IEEE Access</i> , 2018, 6, 36571-36583.	4.2	6
7	Multitarget Localization With Inaccurate Sensor Locations via Variational EM Algorithm. , 2019, 3, 1-4.		6
8	Device-Free Localization Scheme With Time-Varying Gestures Using Block Compressive Sensing. <i>IEEE Access</i> , 2020, 8, 88951-88960.	4.2	5
9	Exploiting Fine-Grained Subcarrier Information for Device-Free Localization in Wireless Sensor Networks. <i>Sensors</i> , 2018, 18, 3110.	3.8	4
10	An improved sensor deployment scheme for multiple target localization using compressive sensing. , 2015, , .		3
11	Leveraging Compressive Sensing for Multiple Target Localization and Power Estimation in Wireless Sensor Networks. <i>IEICE Transactions on Communications</i> , 2017, E100.B, 1428-1435.	0.7	3
12	Block Variational Bayesian Algorithm for Multiple Target Localization With Unknown and Time-Varying Transmit Powers in WSNs. <i>IEEE Access</i> , 2019, 7, 54796-54808.	4.2	3
13	Multi-Emitter Localization via Concurrent Variational Bayesian Inference in UAV-Based WSN. <i>IEEE Communications Letters</i> , 2021, 25, 2255-2259.	4.1	3
14	Localization of Multiple RF Sources via Prior Knowledge-Aided Bayesian Compressive Sensing in UAV-Based WSN. <i>IEEE Communications Letters</i> , 2021, 25, 3848-3852.	4.1	3
15	Multiple target localization and power estimation in wireless sensor networks using compressive sensing. , 2015, , .		2
16	Incorporation of Faulty Prior Knowledge in Multi-Target Device-Free Localization. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2019, E102.A, 608-612.	0.3	2
17	An efficient dictionary refinement algorithm for multiple target counting and localization in wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2017, 13, 155014771772380.	2.2	1
18	Enhancing the Accuracy and Robustness of a Compressive Sensing Based Device-Free Localization by Exploiting Channel Diversity. <i>Sensors</i> , 2019, 19, 1828.	3.8	1

#	ARTICLE	IF	CITATIONS
19	Device-Free Targets Tracking with Sparse Sampling: A Kronecker Compressive Sensing Approach. IEICE Transactions on Communications, 2019, E102.B, 1951-1959.	0.7	1
20	Aggregating Multidimensional Wireless Link Information for Device-Free Localization. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 35-45.	0.3	0