

# Shengchu Wang

## List of Publications by Year in descending order

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docs citations

22  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal Processing in Massive MIMO With IQ Imbalances and Low-Resolution ADCs. IEEE Transactions on Wireless Communications, 2016, 15, 8298-8312.	9.2	25
2	Geographical Information Enhanced Cooperative Localization in Vehicular Ad-Hoc Networks. IEEE Signal Processing Letters, 2018, 25, 556-560.	3.6	19
3	Three-Dimensional Cooperative Positioning in Vehicular Ad-hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 937-950.	8.0	19
4	Multuser MIMO Communication Under Quantized Phase-Only Measurements. IEEE Transactions on Communications, 2016, 64, 1083-1099.	7.8	18
5	Phase Retrieval Motivated Nonlinear MIMO Communication With Magnitude Measurements. IEEE Transactions on Wireless Communications, 2017, 16, 5452-5466.	9.2	18
6	Low-Complexity Message-Passing Cooperative Localization in Wireless Sensor Networks. IEEE Communications Letters, 2017, 21, 2081-2084.	4.1	17
7	Universal Cooperative Localizer for WSN With Varied Types of Ranging Measurements. IEEE Signal Processing Letters, 2017, 24, 1223-1227.	3.6	16
8	Cooperative Localization in Wireless Sensor Networks With AOA Measurements. IEEE Transactions on Wireless Communications, 2022, 21, 6760-6773.	9.2	16
9	Multuser MIMO Transmission Aided by Massive One-Bit Magnitude Measurements. IEEE Transactions on Wireless Communications, 2016, 15, 7058-7073.	9.2	9
10	Nonlinear MIMO Communications under $\pi$ -Periodic Phase Measurements. , 2018, , .		6
11	Joint Time and Frequency Synchronization in Halved Phase-Only MIMO. IEEE Transactions on Vehicular Technology, 2019, 68, 8201-8205.	6.3	6
12	Exploring LTE-V link-level performance under V2X-CPS by geometry enhanced winner II channel model. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3507.	3.9	6
13	Cooperative Localization in Wireless Sensor Networks with AOA Ranging Measurements. , 2020, , .		6
14	DOA Estimation Aided by Magnitude Measurements. IEEE Transactions on Vehicular Technology, 2021, 70, 12197-12202.	6.3	5
15	Message-passing cooperative localization in sensor networks with AOA measurements. , 2018, , .		3
16	Three-Dimensional Cooperative Positioning in VANETs with LOS/NLOS Ranging Measurements. , 2019, , .		3
17	Throughput Analysis of HPO-MIMO Uplink with $\pi$ -Phase Detector. , 2020, , .		3
18	Nonlinear MIMO Communication With $\pi$ -Periodic Phase Measurements. IEEE Transactions on Wireless Communications, 2022, 21, 4856-4870.	9.2	3

#	ARTICLE	IF	CITATIONS
19	Three-Dimensional Cooperative Positioning for VANETs with AOA Measurements. , 2021, , .		2
20	Geographical Information Enhanced Recognition of Traffic Modes and Behavior Patterns. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3777-3782.	8.0	2
21	Censored Approximate Message Passing Based Multiuser Detection in Massive MIMO. , 2018, , .		1
22	Sparse Channel Estimation in Nonlinear MIMO with Magnitude/Phase Measurements. , 2020, , .		1