

Shengchu Wang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Geographical Information Enhanced Recognition of Traffic Modes and Behavior Patterns. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 3777-3782. | 8.0 | 2 |
| 2 | Nonlinear MIMO Communication With π -Periodic Phase Measurements. IEEE Transactions on Wireless Communications, 2022, 21, 4856-4870. | 9.2 | 3 |
| 3 | Cooperative Localization in Wireless Sensor Networks With AOA Measurements. IEEE Transactions on Wireless Communications, 2022, 21, 6760-6773. | 9.2 | 16 |
| 4 | Three-Dimensional Cooperative Positioning in Vehicular Ad-hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 937-950. | 8.0 | 19 |
| 5 | DOA Estimation Aided by Magnitude Measurements. IEEE Transactions on Vehicular Technology, 2021, 70, 12197-12202. | 6.3 | 5 |
| 6 | Three-Dimensional Cooperative Positioning for VANETs with AOA Measurements. , 2021, , . | | 2 |
| 7 | Sparse Channel Estimation in Nonlinear MIMO with Magnitude/Phase Measurements. , 2020, , . | | 1 |
| 8 | Throughput Analysis of HPO-MIMO Uplink with π -Phase Detector. , 2020, , . | | 3 |
| 9 | Cooperative Localization in Wireless Sensor Networks with AOA Ranging Measurements. , 2020, , . | | 6 |
| 10 | Joint Time and Frequency Synchronization in Halved Phase-Only MIMO. IEEE Transactions on Vehicular Technology, 2019, 68, 8201-8205. | 6.3 | 6 |
| 11 | Three-Dimensional Cooperative Positioning in VANETs with LOS/NLOS Ranging Measurements. , 2019, , . | | 3 |
| 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 | Geographical Information Enhanced Cooperative Localization in Vehicular Ad-Hoc Networks. IEEE Signal Processing Letters, 2018, 25, 556-560. | 3.6 | 19 |
| 14 | Censored Approximate Message Passing Based Multiuser Detection in Massive MIMO. , 2018, , . | | 1 |
| 15 | Nonlinear MIMO Communications under π -Periodic Phase Measurements. , 2018, , . | | 6 |
| 16 | Message-passing cooperative localization in sensor networks with AOA measurements. , 2018, , . | | 3 |
| 17 | Low-Complexity Message-Passing Cooperative Localization in Wireless Sensor Networks. IEEE Communications Letters, 2017, 21, 2081-2084. | 4.1 | 17 |
| 18 | Universal Cooperative Localizer for WSN With Varied Types of Ranging Measurements. IEEE Signal Processing Letters, 2017, 24, 1223-1227. | 3.6 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Phase Retrieval Motivated Nonlinear MIMO Communication With Magnitude Measurements. IEEE Transactions on Wireless Communications, 2017, 16, 5452-5466. | 9.2 | 18 |
| 20 | Signal Processing in Massive MIMO With IQ Imbalances and Low-Resolution ADCs. IEEE Transactions on Wireless Communications, 2016, 15, 8298-8312. | 9.2 | 25 |
| 21 | Multuser MIMO Transmission Aided by Massive One-Bit Magnitude Measurements. IEEE Transactions on Wireless Communications, 2016, 15, 7058-7073. | 9.2 | 9 |
| 22 | Multuser MIMO Communication Under Quantized Phase-Only Measurements. IEEE Transactions on Communications, 2016, 64, 1083-1099. | 7.8 | 18 |