

# Xiuzhen Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6537643/publications.pdf>

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14  
papers

410  
citations

1684188

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1720034

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docs citations

14  
times ranked

113  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Cross-Technology Communication for the Internet of Things: A Survey. ACM Computing Surveys, 2023, 55, 1-29.                             | 23.0 | 5         |
| 2  | Taming the Errors in Cross-Technology Communication: A Probabilistic Approach. ACM Transactions on Sensor Networks, 2022, 18, 1-20.     | 3.6  | 3         |
| 3  | Efficient Ambient LoRa Backscatter With On-Off Keying Modulation. IEEE/ACM Transactions on Networking, 2022, 30, 641-654.               | 3.8  | 16        |
| 4  | LEGO-Fi: Transmitter-Transparent CTC With Cross-Demapping. IEEE Internet of Things Journal, 2021, 8, 6665-6676.                         | 8.7  | 9         |
| 5  | WIDE: Physical-Level CTC via Digital Emulation. IEEE/ACM Transactions on Networking, 2021, 29, 1567-1579.                               | 3.8  | 9         |
| 6  | WiZig: Cross-Technology Energy Communication Over a Noisy Channel. IEEE/ACM Transactions on Networking, 2020, 28, 2449-2460.            | 3.8  | 18        |
| 7  | ZigFi: Harnessing Channel State Information for Cross-Technology Communication. IEEE/ACM Transactions on Networking, 2020, 28, 301-311. | 3.8  | 29        |
| 8  | Portal. , 2020, , .   |      | 11        |
| 9  | Aloba. , 2020, , .  |      | 42        |
| 10 | LEGO-Fi: Transmitter-Transparent CTC with Cross-Demapping. , 2019, , .  |      | 33        |
| 11 | WIDE. , 2019, , .   |      | 51        |
| 12 | StripComm: Interference-Resilient Cross-Technology Communication in Coexisting Environments. , 2018, , .                                |      | 55        |
| 13 | ZIGFI: Harnessing Channel State Information for Cross-Technology Communication. , 2018, , .   |      | 56        |
| 14 | WiZig: Cross-technology energy communication over a noisy channel. , 2017, , .  |      | 73        |