# Qifa Yan

## List of Publications by Year
## in descending order

| | |
|---|---|
| 30 papers | 548 citations |

840776

| | |
|---|---|
| 11 h-index | |

713466

| | |
|---|---|
| 21 g-index | |

| | | | |
|---|---|---|---|
| 30 all docs | 30 docs citations | 30 times ranked | 281 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | On the Placement Delivery Array Design for Centralized Coded Caching Scheme. IEEE Transactions on Information Theory, 2017, , 1-1. | 2.4 | 159 |
| 2 | Placement Delivery Array Design Through Strong Edge Coloring of Bipartite Graphs. IEEE Communications Letters, 2018, 22, 236-239. | 4.1 | 83 |
| 3 | A Time- and Energy-Aware Collision Tree Protocol for Efficient Large-Scale RFID Tag Identification. IEEE Transactions on Industrial Informatics, 2018, 14, 2406-2417. | 11.3 | 41 |
| 4 | Constructions of Coded Caching Schemes With Flexible Memory Size. IEEE Transactions on Communications, 2019, 67, 4166-4176. | 7.8 | 41 |
| 5 | Some Variant of Known Coded Caching Schemes With Good Performance. IEEE Transactions on Communications, 2020, 68, 1370-1377. | 7.8 | 30 |
| 6 | Storage, Computation, and Communication: A Fundamental Tradeoff in Distributed Computing. , 2018, , . | | 22 |
| 7 | A New Capacity-Achieving Private Information Retrieval Scheme With (Almost) Optimal File Length for Coded Servers. IEEE Transactions on Information Forensics and Security, 2020, 15, 1248-1260. | 6.9 | 21 |
| 8 | Fundamental Limits of Caching for Demand Privacy Against Colluding Users. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 192-207. | 2.5 | 20 |
| 9 | Placement Delivery Array Design for Coded Caching Scheme in D2D Networks. IEEE Transactions on Communications, 2019, 67, 3388-3395. | 7.8 | 19 |
| 10 | A Fundamental Storage-Communication Tradeoff in Distributed Computing with Straggling Nodes. , 2019, , . | | 19 |
| 11 | Improved Constructions for Secure Multi-Party Batch Matrix Multiplication. IEEE Transactions on Communications, 2021, 69, 7673-7690. | 7.8 | 14 |
| 12 | Placement Delivery Array and Its Applications. , 2018, , . | | 13 |
| 13 | Online Coded Caching With Random Access. IEEE Communications Letters, 2017, 21, 552-555. | 4.1 | 11 |
| 14 | Decentralized Coded Caching Scheme With Heterogeneous File Sizes. IEEE Transactions on Vehicular Technology, 2020, 69, 818-827. | 6.3 | 11 |
| 15 | A Fundamental Storage-Communication Tradeoff for Distributed Computing With Straggling Nodes. IEEE Transactions on Communications, 2020, 68, 7311-7327. | 7.8 | 10 |
| 16 | Adaptive Gradient Coding. IEEE/ACM Transactions on Networking, 2022, 30, 717-734. | 3.8 | 6 |
| 17 | Storage-Computation-Communication Tradeoff in Distributed Computing: Fundamental Limits and Complexity. IEEE Transactions on Information Theory, 2022, 68, 5496-5512. | 2.4 | 6 |
| 18 | Symmetric Private Polynomial Computation From Lagrange Encoding. IEEE Transactions on Information Theory, 2022, 68, 2704-2718. | 2.4 | 4 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Capacity-Achieving Private Information Retrieval Schemes From Uncoded Storage Constrained Servers With Low Sub-Packetization. IEEE Transactions on Information Theory, 2021, 67, 5370-5386. | 2.4 | 3 |
| 20 | Key Superposition Simultaneously Achieves Security and Privacy in Cache-Aided Linear Function Retrieval. IEEE Transactions on Information Forensics and Security, 2021, 16, 5250-5263. | 6.9 | 3 |
| 21 | Multi-User Blind Symmetric Private Information Retrieval From Coded Servers. IEEE Journal on Selected Areas in Communications, 2022, 40, 815-831. | 14.0 | 3 |
| 22 | On the coded caching based wireless video transmission scheme. , 2016, , . | | 2 |
| 23 | Delivery Design for Coded Caching Over Wireless Multicast Networks. IEEE Access, 2019, 7, 72803-72817. | 4.2 | 2 |
| 24 | Reducing Search Complexity of Coded Caching by Shrinking Search Space. IEEE Communications Letters, 2019, 23, 568-571. | 4.1 | 2 |
| 25 | Key Superposition Simultaneously Achieves Security and Privacy in Cache-Aided Linear Function Retrieval. , 2021, , . | | 1 |
| 26 | Robust and Secure Cache-aided Private Linear Function Retrieval from Coded Servers. , 2021, , . | | 1 |
| 27 | Robust, Private and Secure Cache-Aided Scalar Linear Function Retrieval From Coded Servers. IEEE Journal on Selected Areas in Communications, 2022, 40, 968-981. | 14.0 | 1 |
| 28 | An Improved Algorithm for Testing the Membership of Gaussian Multiple-Access Channel Capacity Region. IEEE Communications Letters, 2016, 20, 2137-2140. | 4.1 | 0 |
| 29 | On the greedy coded caching scheme. , 2016, , . | | 0 |
| 30 | Secure and Server-User Private Linear Function Retrieval in Multi-Server Multi-User Systems. , 2021, , . | | 0 |