

Onur GÃ¼nlÃ¼

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An Overview of Information-Theoretic Security and Privacy: Metrics, Limits and Applications. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 5-22. | 2.5 | 56 |
| 2 | Federated Learning with Local Differential Privacy: Trade-Offs Between Privacy, Utility, and Communication. , 2021, , . | | 41 |
| 3 | Privacy, Secrecy, and Storage With Multiple Noisy Measurements of Identifiers. IEEE Transactions on Information Forensics and Security, 2018, 13, 2872-2883. | 6.9 | 34 |
| 4 | Secure and Reliable Key Agreement with Physical Unclonable Functions. Entropy, 2018, 20, 340. | 2.2 | 30 |
| 5 | Code Constructions for Physical Unclonable Functions and Biometric Secrecy Systems. IEEE Transactions on Information Forensics and Security, 2019, 14, 2848-2858. | 6.9 | 26 |
| 6 | Controllable Identifier Measurements for Private Authentication With Secret Keys. IEEE Transactions on Information Forensics and Security, 2018, 13, 1945-1959. | 6.9 | 21 |
| 7 | Differential privacy for eye tracking with temporal correlations. PLoS ONE, 2021, 16, e0255979. | 2.5 | 17 |
| 8 | DCT based ring oscillator Physical Unclonable Functions. , 2014, , . | | 13 |
| 9 | Multi-Entity and Multi-Enrollment Key Agreement With Correlated Noise. IEEE Transactions on Information Forensics and Security, 2021, 16, 1190-1202. | 6.9 | 12 |
| 10 | Coding for Positive Rate in the Source Model Key Agreement Problem. IEEE Transactions on Information Theory, 2020, 66, 6303-6323. | 2.4 | 11 |
| 11 | Reliable secret key generation from physical unclonable functions under varying environmental conditions. , 2015, , . | | 8 |
| 12 | An Optimality Summary: Secret Key Agreement with Physical Unclonable Functions. Entropy, 2021, 23, 16. | 2.2 | 6 |
| 13 | Code Constructions and Bounds for Identification via Channels. IEEE Transactions on Communications, 2022, 70, 1486-1496. | 7.8 | 5 |
| 14 | Reliable secret-key binding for physical unclonable functions with transform coding. , 2016, , . | | 4 |
| 15 | Low-Complexity and Reliable Transforms for Physical Unclonable Functions. , 2020, , . | | 4 |
| 16 | Controllable Key Agreement With Correlated Noise. IEEE Journal on Selected Areas in Information Theory, 2021, 2, 82-94. | 2.5 | 4 |
| 17 | Doubly-Exponential Identification via Channels: Code Constructions and Bounds. , 2021, , . | | 4 |
| 18 | Function Computation under Privacy, Secrecy, Distortion, and Communication Constraints. Entropy, 2022, 24, 110. | 2.2 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Private Authentication with Physical Identifiers Through Broadcast Channel Measurements. , 2019, , . | | 3 |
| 20 | Skew Convolutional Codes. Entropy, 2020, 22, 1364. | 2.2 | 3 |
| 21 | Privacy, Secrecy, and Storage With Nested Randomized Polar Subcode Constructions. IEEE Transactions on Communications, 2022, 70, 514-525. | 7.8 | 3 |
| 22 | Secret-key binding to physical identifiers with reliability guarantees. , 2017, , . | | 2 |
| 23 | Secure Multi-Function Computation with Private Remote Sources. , 2021, , . | | 2 |
| 24 | Privacy and secrecy with multiple measurements of physical and biometric identifiers. , 2015, , . | | 1 |
| 25 | Private authentication with controllable measurement. , 2016, , . | | 1 |
| 26 | Biometric and Physical Identifiers with Correlated Noise for Controllable Private Authentication. , 2020, , . | | 1 |
| 27 | Semantic Security for Indoor THz-Wireless Communication. , 2021, , . | | 1 |
| 28 | Nested Tailbiting Convolutional Codes for Secrecy, Privacy, and Storage. , 2020, , . | | 1 |
| 29 | Quality of Service Guarantees for Physical Unclonable Functions. , 2021, , . | | 1 |
| 30 | On Skew Convolutional and Trellis Codes. , 2021, , . | | 0 |
| 31 | Multiple Noisy Private Remote Source Observations for Secure Function Computation. , 2021, , . | | 0 |
| 32 | Private Remote Sources for Secure Multi-Function Computation. IEEE Transactions on Information Theory, 2022, 68, 6826-6841. | 2.4 | 0 |