Ling Ren

List of Publications by Year
in descending order

27 papers	1,288 citations	1163065 8 h-index	1372553 10 g-index
27 all docs	27 docs citations	27 times ranked	586 citing authors

#	Article	IF	Citations
1	Path ORAM. , 2013, , .		493
2	Onion ORAM: A Constant Bandwidth Blowup Oblivious RAM. Lecture Notes in Computer Science, 2016, , 145-174.	1.3	89
3	Path ORAM. Journal of the ACM, 2018, 65, 1-26.	2.2	70
4	Trapdoor computational fuzzy extractors and stateless cryptographically-secure physical unclonable functions. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 65-82.	5.4	61
5	Sync HotStuff: Simple and Practical Synchronous State Machine Replication. , 2020, , .		58
6	Freecursive ORAM. , 2015, , .		52
7	Flexible Byzantine Fault Tolerance. , 2019, , .		48
8	Synchronous Byzantine Agreement with Expected O(1) Rounds, Expected $$O(n^2)$$ Communication, and Optimal Resilience. Lecture Notes in Computer Science, 2019, , 320-334.	1.3	46
9	Communication Complexity of Byzantine Agreement, Revisited. , 2019, , .		42
10	A Low-Latency, Low-Area Hardware Oblivious RAM Controller. , 2015, , .		38
11	Design space exploration and optimization of path oblivious RAM in secure processors. Computer Architecture News, 2013, 41, 571-582.	2.5	30
12	HOP: Hardware makes Obfuscation Practical. , 2017, , .		30
13	PrORAM. , 2015, , .		29
14	Integrity verification for path Oblivious-RAM. , 2013, , .		23
15	Good-case Latency of Byzantine Broadcast. , 2021, , .		22
16	Asymptotically Tight Bounds for Composing ORAM with PIR. Lecture Notes in Computer Science, 2017, , 91-120.	1.3	22
17	OnionPIR: Response Efficient Single-Server PIR. , 2021, , .		22
18	FPGA Implementation of a Cryptographically-Secure PUF Based on Learning Parity with Noise. Cryptography, 2017, 1, 23.	2.3	18

#	ARTICLE	IF	CITATIONS
19	Asynchronous Data Dissemination and its Applications. , 2021, , .		18
20	Multi-Threshold Byzantine Fault Tolerance. , 2021, , .		17
21	Design and Implementation of the Ascend Secure Processor. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 204-216.	5.4	16
22	Onion Ring ORAM. , 2019, , .		16
23	On the Optimality of Optimistic Responsiveness. , 2020, , .		13
24	Bandwidth-Hard Functions. , 2018, , .		7
25	Breaking the Oblivious-RAM Bandwidth Wall. , 2018, , .		6
26	A Retrospective on Path ORAM. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 1572-1576.	2.7	1
27	Communication complexity of byzantine agreement, revisited. Distributed Computing, 2023, 36, 3-28.	0.8	1