

Ling Ren

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

772
citations

14
h-index

27
g-index

27
ext. papers

1,010
ext. citations

1.8
avg, IF

4.21
L-index

#	Paper	IF	Citations
25	Path ORAM 2013 ,		358
24	Onion ORAM: A Constant Bandwidth Blowup Oblivious RAM. <i>Lecture Notes in Computer Science</i> , 2016 , 145-174	0.9	62
23	Trapdoor computational fuzzy extractors and stateless cryptographically-secure physical unclonable functions. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2017 , 14, 65-82	3.9	47
22	Freecursive ORAM 2015 ,		34
21	Path ORAM. <i>Journal of the ACM</i> , 2018 , 65, 1-26	2	27
20	A Low-Latency, Low-Area Hardware Oblivious RAM Controller 2015 ,		25
19	Design space exploration and optimization of path oblivious RAM in secure processors. <i>Computer Architecture News</i> , 2013 , 41, 571-582		24
18	HOP: Hardware makes Obfuscation Practical 2017 ,		24
17	Synchronous Byzantine Agreement with Expected $O(1)$ Rounds, Expected ($O(n^2)$) Communication, and Optimal Resilience. <i>Lecture Notes in Computer Science</i> , 2019 , 320-334	0.9	24
16	Communication Complexity of Byzantine Agreement, Revisited 2019 ,		21
15	Flexible Byzantine Fault Tolerance 2019 ,		19
14	Asymptotically Tight Bounds for Composing ORAM with PIR. <i>Lecture Notes in Computer Science</i> , 2017 , 91-120	0.9	18
13	Integrity verification for path Oblivious-RAM 2013 ,		16
12	Sync HotStuff: Simple and Practical Synchronous State Machine Replication 2020 ,		15
11	PrORAM 2015 ,		14
10	FPGA Implementation of a Cryptographically-Secure PUF Based on Learning Parity with Noise. <i>Cryptography</i> , 2017 , 1, 23	1.9	14
9	Design and Implementation of the Ascend Secure Processor. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2019 , 16, 204-216	3.9	8

8	On the Optimality of Optimistic Responsiveness 2020 ,	3
7	OnionPIR: Response Efficient Single-Server PIR 2021 ,	3
6	Good-case Latency of Byzantine Broadcast 2021 ,	3
5	Breaking the Oblivious-RAM Bandwidth Wall 2018 ,	3
4	Bandwidth-Hard Functions 2018 ,	3
3	Multi-Threshold Byzantine Fault Tolerance 2021 ,	2
2	Onion Ring ORAM 2019 ,	2
1	A Retrospective on Path ORAM. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2020 , 39, 1572-1576	2.5 0