

Ghassan O Karame

List of Publications by Year in descending order

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56
papers

3,585
citations

566801

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25
g-index

57
all docs

57
docs citations

57
times ranked

2526
citing authors

#	ARTICLE	IF	CITATIONS
1	Outsourcing Proofs of Retrievability. IEEE Transactions on Cloud Computing, 2021, 9, 286-301.	3.1	11
2	Towards Secure and Scalable Blockchain Technologies. , 2021, , .		0
3	Towards Scalable and Private Industrial Blockchains. SEMA SIMAI Springer Series, 2021, , 19-27.	0.4	0
4	Mitosis: Practically Scaling Permissioned Blockchains. , 2021, , .		3
5	An overview of blockchain science and engineering. Royal Society Open Science, 2020, 7, 200168.	1.1	3
6	Scalable Byzantine Consensus via Hardware-Assisted Secret Sharing. IEEE Transactions on Computers, 2019, 68, 139-151.	2.4	130
7	Proofs of Writing for Robust Storage. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2547-2566.	4.0	2
8	ReplicaTEE: Enabling Seamless Replication of SGX Enclaves in the Cloud. , 2019, , .		6
9	Towards Secure and Decentralized Sharing of IoT Data. , 2019, , .		45
10	Securing Cloud Data Under Key Exposure. IEEE Transactions on Cloud Computing, 2019, 7, 838-849.	3.1	16
11	Toward Shared Ownership in the Cloud. IEEE Transactions on Information Forensics and Security, 2018, 13, 3019-3034.	4.5	18
12	Toward Fairness of Cryptocurrency Payments. IEEE Security and Privacy, 2018, 16, 81-89.	1.5	53
13	Blockchain Security and Privacy. IEEE Security and Privacy, 2018, 16, 11-12.	1.5	57
14	Enabling Anonymous Authorization and Rewarding in the Smart Grid. IEEE Transactions on Dependable and Secure Computing, 2017, 14, 565-572.	3.7	26
15	Towards Scalable and Private Industrial Blockchains. , 2017, , .		78
16	Sharing Proofs of Retrievability across Tenants. , 2017, , .		9
17	Securing Proof-of-Stake Blockchain Protocols. Lecture Notes in Computer Science, 2017, , 297-315.	1.0	155
18	CCSW'17. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	Reconciling Security and Functional Requirements in Multi-tenant Clouds. , 2017, , .		1
20	On the Fingerprinting of Software-Defined Networks. IEEE Transactions on Information Forensics and Security, 2016, 11, 2160-2173.	4.5	36
21	On Information Leakage in Deduplicated Storage Systems. , 2016, , .		10
22	On the Security and Scalability of Bitcoin's Blockchain. , 2016, , .		95
23	On the Security and Performance of Proof of Work Blockchains. , 2016, , .		899
24	Cases for Including a Reference Monitor to SDN. , 2016, , .		2
25	Fingerprinting Software-Defined Networks. , 2015, , .		16
26	Transparent Data Deduplication in the Cloud. , 2015, , .		49
27	Tampering with the Delivery of Blocks and Transactions in Bitcoin. , 2015, , .		148
28	Towards an access control scheme for accessing flows in SDN. , 2015, , .		6
29	Misbehavior in Bitcoin. ACM Transactions on Information and System Security, 2015, 18, 1-32.	4.5	148
30	Commune. , 2015, , .		8
31	Ripple: Overview and Outlook. Lecture Notes in Computer Science, 2015, , 163-180.	1.0	109
32	Secure Erasure and Code Update in Legacy Sensors. Lecture Notes in Computer Science, 2015, , 283-299.	1.0	11
33	Access control for SDN controllers. , 2014, , .		42
34	Privacy-Friendly Planning of Energy Distribution in Smart Grids. , 2014, , .		4
35	Microcomputations as Micropayments in Web-based Services. ACM Transactions on Internet Technology, 2014, 13, 1-23.	3.0	1
36	Outsourced Proofs of Retrievability. , 2014, , .		82

#	ARTICLE	IF	CITATIONS
37	On the privacy provisions of Bloom filters in lightweight bitcoin clients. , 2014, , .		83
38	Is Bitcoin a Decentralized Currency?. IEEE Security and Privacy, 2014, 12, 54-60.	1.5	190
39	Hiding Transaction Amounts and Balances in Bitcoin. Lecture Notes in Computer Science, 2014, , 161-178.	1.0	18
40	PoWerStore. , 2013, , .		27
41	Evaluating User Privacy in Bitcoin. Lecture Notes in Computer Science, 2013, , 34-51.	1.0	400
42	Privacy-friendly tasking and trading of energy in smart grids. , 2013, , .		33
43	Towards Trustworthy Network Measurements. Lecture Notes in Computer Science, 2013, , 83-91.	1.0	3
44	Double-spending fast payments in bitcoin. , 2012, , .		356
45	Pay as you browse. , 2011, , .		6
46	Privacy-preserving outsourcing of brute-force key searches. , 2011, , .		5
47	Enabling secure VM-vTPM migration in private clouds. , 2011, , .		80
48	Low-Cost Client Puzzles Based on Modular Exponentiation. Lecture Notes in Computer Science, 2010, , 679-697.	1.0	13
49	Integrity Regions: Authentication through Presence in Wireless Networks. IEEE Transactions on Mobile Computing, 2010, 9, 1608-1621.	3.9	31
50	Small Coalitions: Lightweight Collaboration for Efficient P2P Downloads. , 2009, , .		2
51	Facilitating human-centric service delivery using a pluggable service development framework. International Journal of Ad Hoc and Ubiquitous Computing, 2009, 4, 223.	0.3	3
52	Secure Remote Execution of Sequential Computations. Lecture Notes in Computer Science, 2009, , 181-197.	1.0	16
53	A Secure Hybrid Reputation Management System for Super-Peer Networks. , 2008, , .		12
54	SuperTrust. , 2007, , .		12

#	ARTICLE	IF	CITATIONS
55	2D and 3D face localization for complex scenes. , 2007, , .		4
56	The AIT 2D Face Detection and Tracking System for CLEAR 2007. Lecture Notes in Computer Science, 2007, , 113-125.	1.0	1