Mohamed Baza

List of Publications by Year
in descending order

23 papers	518 citations	1937685 4 h-index	1588992 8 g-index
23 all docs	23 docs citations	23 times ranked	418 citing authors

#	Article	IF	Citations
1	B-Ride: Ride Sharing With Privacy-Preservation, Trust and Fair Payment Atop Public Blockchain. IEEE Transactions on Network Science and Engineering, 2021, 8, 1214-1229.	6.4	95
2	Blockchain-based Firmware Update Scheme Tailored for Autonomous Vehicles. , 2019, , .		62
3	Privacy-Preserving Blockchain-Based Energy Trading Schemes for Electric Vehicles. IEEE Transactions on Vehicular Technology, 2021, 70, 9369-9384.	6.3	61
4	Privacy-Preserving Smart Parking System Using Blockchain and Private Information Retrieval. , 2019, , .		58
5	Blockchain-Based Charging Coordination Mechanism for Smart Grid Energy Storage Units. , 2019, , .		52
6	Detecting Sybil Attacks Using Proofs of Work and Location in VANETs. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 39-53.	5.4	48
7	A Light Blockchain-Powered Privacy-Preserving Organization Scheme for Ride Sharing Services. , 2020, , .		37
8	Towards Secure Smart Parking System Using Blockchain Technology. , 2020, , .		32
9	On Sharing Models Instead of Data using Mimic learning for Smart Health Applications. , 2020, , .		15
10	A Blockchain-Based Energy Trading Scheme for Electric Vehicles. , 2021, , .		11
11	Privacy-Preserving and Collusion-Resistant Charging Coordination Schemes for Smart Grids. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 2226-2243.	5.4	8
12	Blockchain-Based Ride-Sharing System with Accurate Matching and Privacy-Preservation. , 2021, , .		7
13	Mimic Learning to Generate a Shareable Network Intrusion Detection Model. , 2020, , .		6
14	An Efficient and Reliable Lightweight PUF for IoT-based Applications. , 2021, , .		5
15	Blockchain-Based Distributed Key Management Approach Tailored for Smart Grid. Advanced Sciences and Technologies for Security Applications, 2020, , 237-263.	0.5	5
16	Incentivized and Secure Blockchain-based Firmware Update and Dissemination for Autonomous Vehicles. , 2020, , 475-493.		4
17	Multidata-Owner Searchable Encryption Scheme Over Medical Cloud Data With Efficient Access Control. IEEE Systems Journal, 2022, 16, 5067-5078.	4.6	4
18	Secure and Efficient AKA Scheme and Uniform Handover Protocol for 5G Network Using Blockchain. IEEE Open Journal of the Communications Society, 2021, 2, 2616-2627.	6.9	4

#	Article	IF	Citations
19	Optimizing joint probabilistic caching and channel access for clustered D2D networks. Journal of Communications and Networks, 2021, , 1-9.	2.6	3
20	Clock Gating-Assisted Malware (CGAM): Leveraging Clock Gating On ARM Cortex M* For Attacking Subsystems Availability. , 2021, , .		1
21	CSES: Customized Searchable Encryption Scheme with Efficient Key Management Over Medical Cloud Data. , 2021, , .		0
22	Efficient Privacy-preserving Charging Coordination with Linkability-resistance in the Smart Grid. , 2021, , .		0
23	On the Performance of Mobile Cellular-Connected Drones Under Practical Antenna Configurations. IEEE Transactions on Vehicular Technology, 2022, 71, 7548-7560.	6.3	0