Arijit Karati

List of Publications by Year
in descending order

26 papers	680 citations	840585 11 h-index	752573 20 g-index
26 all docs	26 docs citations	26 times ranked	677 citing authors

#	Article	IF	Citations
1	Provably Secure and Lightweight Certificateless Signature Scheme for IIoT Environments. IEEE Transactions on Industrial Informatics, 2018, 14, 3701-3711.	7.2	157
2	Provably Secure Identity-Based Signcryption Scheme for Crowdsourced Industrial Internet of Things Environments. IEEE Internet of Things Journal, 2018, 5, 2904-2914.	5.5	111
3	A Standard Mutual Authentication Protocol for Cloud Computing Based Health Care System. Journal of Medical Systems, 2017, 41, 50.	2.2	75
4	A pairing-free and provably secure certificateless signature scheme. Information Sciences, 2018, 450, 378-391.	4.0	61
5	Provably Secure and Generalized Signcryption With Public Verifiability for Secure Data Transmission Between Resource-Constrained IoT Devices. IEEE Internet of Things Journal, 2019, 6, 10431-10440.	5.5	45
6	A Two-Factor RSA-Based Robust Authentication System for Multiserver Environments. Security and Communication Networks, 2017, 2017, 1-15.	1.0	37
7	Quantum-Defended Blockchain-Assisted Data Authentication Protocol for Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 3255-3266.	3.9	35
8	LAAC: Lightweight Lattice-Based Authentication and Access Control Protocol for E-Health Systems in IoT Environments. IEEE Systems Journal, 2021, 15, 3620-3627.	2.9	25
9	Provably Secure and Lightweight Identity-Based Authenticated Data Sharing Protocol for Cyber-Physical Cloud Environment. IEEE Transactions on Cloud Computing, 2021, 9, 318-330.	3.1	24
10	Provably Secure Threshold-Based ABE Scheme Without Bilinear Map. Arabian Journal for Science and Engineering, 2016, 41, 3201-3213.	1.1	22
11	Provably secure and authenticated data sharing protocol for IoTâ€based crowdsensing network. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3315.	2.6	11
12	Efficient and provably secure random oracleâ€free adaptive identityâ€based encryption with shortâ€signature scheme. Security and Communication Networks, 2016, 9, 4060-4074.	1.0	10
13	Reliable Data Sharing by Certificateless Encryption Supporting Keyword Search Against Vulnerable KGC in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2022, 18, 3661-3669.	7.2	10
14	Intelligent Routing in Wireless Sensor Network Based on African Buffalo Optimization. Springer Tracts in Nature-inspired Computing, 2020, , 119-142.	1.2	9
15	Design of a secure file storage and access protocol for cloud-enabled Internet of Things environment. Computers and Electrical Engineering, 2021, 94, 107298.	3.0	7
16	Design of an enhanced authentication protocol and its verification using AVISPA. , 2016, , .		6
17	A practical identity based signcryption scheme from bilinear pairing. , 2016, , .		6
18	An Efficient Pairing-Free Certificateless Signcryption Without Secure Channel Communication During Secret Key Issuance â˜†. Procedia Computer Science, 2020, 171, 110-119.	1.2	6

#	Article	IF	Citations
19	A Multiple End-Devices Authentication Scheme for LoRaWAN. Electronics (Switzerland), 2022, 11, 797.	1.8	6
20	Secure Remote Login Scheme with Password and Smart Card Update Facilities. Advances in Intelligent Systems and Computing, 2016, , 495-505.	0.5	4
21	Cryptanalysis and improvement of a mutual user authentication scheme for the Internet of Things. , 2018, , .		4
22	Cryptanalysis of Zheng Et al.'s Pairing-Free Secure IBE Scheme. , 2015, , .		3
23	Cryptanalysis and Improvement of a Certificateless Short Signature Scheme using Bilinear Pairing. , 2016, , .		3
24	Malicious node detection using ID-based authentication technique. , 2016, , .		1
25	Reliable file transfer protocol with producer anonymity for Named Data Networking. Journal of Information Security and Applications, 2021, 59, 102851.	1.8	1
26	Enhancement of FTP-NDN Supporting Nondesignated Receivers. Communications in Computer and Information Science, 2019, , 590-598.	0.4	1