

Arijit Karati

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.

26

papers

428

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ext. papers

539

ext. citations

4.5

avg, IF

4.47

L-index

#	Paper	IF	Citations
26	Provably Secure and Lightweight Certificateless Signature Scheme for IIoT Environments. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 3701-3711	11.9	107
25	Provably Secure Identity-Based Signcryption Scheme for Crowdsourced Industrial Internet of Things Environments. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2904-2914	10.7	69
24	A Standard Mutual Authentication Protocol for Cloud Computing Based Health Care System. <i>Journal of Medical Systems</i> , 2017 , 41, 50	5.1	57
23	A pairing-free and provably secure certificateless signature scheme. <i>Information Sciences</i> , 2018 , 450, 378-391	7.7	46
22	Provably Secure and Generalized Signcryption With Public Verifiability for Secure Data Transmission Between Resource-Constrained IoT Devices. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 10431-10440 ²⁶	10.7	107
21	A Two-Factor RSA-Based Robust Authentication System for Multiserver Environments. <i>Security and Communication Networks</i> , 2017 , 2017, 1-15	1.9	25
20	Provably Secure and Lightweight Identity-Based Authenticated Data Sharing Protocol for Cyber-Physical Cloud Environment. <i>IEEE Transactions on Cloud Computing</i> , 2021 , 9, 318-330	3.3	19
19	Provably Secure Threshold-Based ABE Scheme Without Bilinear Map. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 3201-3213		12
18	Efficient and provably secure random oracle-free adaptive identity-based encryption with short-signature scheme. <i>Security and Communication Networks</i> , 2016 , 9, 4060-4074	1.9	10
17	Provably secure and authenticated data sharing protocol for IoT-based crowdsensing network. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3315	1.9	10
16	LAAC: Lightweight Lattice-Based Authentication and Access Control Protocol for E-Health Systems in IoT Environments. <i>IEEE Systems Journal</i> , 2021 , 15, 3620-3627	4.3	6
15	Intelligent Routing in Wireless Sensor Network Based on African Buffalo Optimization. <i>Springer Tracts in Nature-inspired Computing</i> , 2020 , 119-142	1.8	5
14	Cryptanalysis and improvement of a mutual user authentication scheme for the Internet of Things 2018 ,		4
13	Design of an enhanced authentication protocol and its verification using AVISPA 2016 ,		4
12	Secure Remote Login Scheme with Password and Smart Card Update Facilities. <i>Advances in Intelligent Systems and Computing</i> , 2016 , 495-505	0.4	4
11	An Efficient Pairing-Free Certificateless Signcryption Without Secure Channel Communication During Secret Key Issuance ?. <i>Procedia Computer Science</i> , 2020 , 171, 110-119	1.6	3
10	A practical identity based signcryption scheme from bilinear pairing 2016 ,		3

9	Cryptanalysis and Improvement of a Certificateless Short Signature Scheme using Bilinear Pairing 2016,		3
8	Quantum-Defended Blockchain-Assisted Data Authentication Protocol for Internet of Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	3
7	Reliable Data Sharing by Certificateless Encryption Supporting Keyword Search Against Vulnerable KGC in Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	3
6	Cryptanalysis of Zheng Et al.'s Pairing-Free Secure IBE Scheme 2015,		2
5	Design of a secure file storage and access protocol for cloud-enabled Internet of Things environment. <i>Computers and Electrical Engineering</i> , 2021 , 94, 107298	4.3	2
4	A Multiple End-Devices Authentication Scheme for LoRaWAN. <i>Electronics (Switzerland)</i> , 2022 , 11, 797	2.6	2
3	Enhancement of FTP-NDN Supporting Nondesignated Receivers. <i>Communications in Computer and Information Science</i> , 2019 , 590-598	0.3	1
2	Reliable file transfer protocol with producer anonymity for Named Data Networking. <i>Journal of Information Security and Applications</i> , 2021 , 59, 102851	3.5	1
1	Malicious node detection using ID-based authentication technique 2016,		1