

Young Ho Park

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.

79
papers

1,550
citations

24
h-index

35
g-index

86
ext. papers

2,325
ext. citations

3.9
avg, IF

5.67
L-index

#	Paper	IF	Citations
79	Design of Secure and Lightweight Authentication Protocol for Wearable Devices Environment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2018 , 22, 1310-1322	7.2	103
78	AKM-IoV: Authenticated Key Management Protocol in Fog Computing-Based Internet of Vehicles Deployment. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8804-8817	10.7	91
77	Three-Factor User Authentication and Key Agreement Using Elliptic Curve Cryptosystem in Wireless Sensor Networks. <i>Sensors</i> , 2016 , 16,	3.8	65
76	. <i>IEEE Access</i> , 2017 , 5, 14966-14980	3.5	64
75	Certificateless-Signcryption-Based Three-Factor User Access Control Scheme for IoT Environment. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 3184-3197	10.7	56
74	Provably Secure ECC-Based Device Access Control and Key Agreement Protocol for IoT Environment. <i>IEEE Access</i> , 2019 , 7, 55382-55397	3.5	54
73	BAKMP-IoMT: Design of Blockchain Enabled Authenticated Key Management Protocol for Internet of Medical Things Deployment. <i>IEEE Access</i> , 2020 , 8, 95956-95977	3.5	51
72	IoMT Malware Detection Approaches: Analysis and Research Challenges. <i>IEEE Access</i> , 2019 , 7, 182459-182476	3.5	45
71	Intrusion Detection Protocols in Wireless Sensor Networks Integrated to Internet of Things Deployment: Survey and Future Challenges. <i>IEEE Access</i> , 2020 , 8, 3343-3363	3.5	42
70	Design of an Anonymity-Preserving Group Formation Based Authentication Protocol in Global Mobility Networks. <i>IEEE Access</i> , 2018 , 6, 20673-20693	3.5	41
69	Secure Authentication Protocol for Wireless Sensor Networks in Vehicular Communications. <i>Sensors</i> , 2018 , 18,	3.8	37
68	. <i>IEEE Access</i> , 2019 , 7, 85627-85644	3.5	36
67	Authentication Protocols in Internet of Vehicles: Taxonomy, Analysis, and Challenges. <i>IEEE Access</i> , 2020 , 8, 54314-54344	3.5	34
66	Secure Three-Factor Authentication Protocol for Multi-Gateway IoT Environments. <i>Sensors</i> , 2019 , 19,	3.8	30
65	A Dynamic Privacy-Preserving Key Management Protocol for V2G in Social Internet of Things. <i>IEEE Access</i> , 2019 , 7, 76812-76832	3.5	30
64	A Secure Charging System for Electric Vehicles Based on Blockchain. <i>Sensors</i> , 2019 , 19,	3.8	30
63	A Secure Lightweight Three-Factor Authentication Scheme for IoT in Cloud Computing Environment. <i>Sensors</i> , 2019 , 19,	3.8	28

62	2PAKEP: Provably Secure and Efficient Two-Party Authenticated Key Exchange Protocol for Mobile Environment. <i>IEEE Access</i> , 2018 , 6, 30225-30241	3.5	28
61	IoV-SMAP: Secure and Efficient Message Authentication Protocol for IoV in Smart City Environment. <i>IEEE Access</i> , 2020 , 8, 167875-167886	3.5	28
60	Provably Secure and Efficient Authentication Protocol for Roaming Service in Global Mobility Networks. <i>IEEE Access</i> , 2017 , 5, 25110-25125	3.5	27
59	LDAKM-ElIoT: Lightweight Device Authentication and Key Management Mechanism for Edge-Based IoT Deployment. <i>Sensors</i> , 2019 , 19,	3.8	27
58	Provably Secure Multi-Server Authentication Protocol Using Fuzzy Commitment. <i>IEEE Access</i> , 2018 , 6, 38578-38594	3.5	25
57	Design of Secure Authentication Protocol for Cloud-Assisted Telecare Medical Information System Using Blockchain. <i>IEEE Access</i> , 2020 , 8, 192177-192191	3.5	25
56	PEVRM: Probabilistic Evolution Based Version Recommendation Model for Mobile Applications. <i>IEEE Access</i> , 2021 , 9, 20819-20827	3.5	25
55	On the Design of Secure and Efficient Three-Factor Authentication Protocol Using Honey List for Wireless Sensor Networks. <i>IEEE Access</i> , 2020 , 8, 107046-107062	3.5	24
54	. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1736-1751	6.8	24
53	On the Design of Fine Grained Access Control With User Authentication Scheme for Telecare Medicine Information Systems. <i>IEEE Access</i> , 2017 , 5, 7012-7030	3.5	23
52	Blockchain-Enabled Certificate-Based Authentication for Vehicle Accident Detection and Notification in Intelligent Transportation Systems. <i>IEEE Sensors Journal</i> , 2021 , 21, 15824-15838	4	22
51	Design of Secure Protocol for Cloud-Assisted Electronic Health Record System Using Blockchain. <i>Sensors</i> , 2020 , 20,	3.8	20
50	LAKS-NVT: Provably Secure and Lightweight Authentication and Key Agreement Scheme Without Verification Table in Medical Internet of Things. <i>IEEE Access</i> , 2020 , 8, 119387-119404	3.5	20
49	An Efficient, Anonymous and Robust Authentication Scheme for Smart Home Environments. <i>Sensors</i> , 2020 , 20,	3.8	19
48	A Secure and Lightweight Authentication Protocol for IoT-Based Smart Homes. <i>Sensors</i> , 2021 , 21,	3.8	19
47	Privacy-Preserving Lightweight Authentication Protocol for Demand Response Management in Smart Grid Environment. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1758	2.6	16
46	WSN-SLAP: Secure and Lightweight Mutual Authentication Protocol for Wireless Sensor Networks. <i>Sensors</i> , 2021 , 21,	3.8	16
45	A Provably Secure and Lightweight Identity-Based Two-Party Authenticated Key Agreement Protocol for IIoT Environments. <i>IEEE Systems Journal</i> , 2021 , 15, 1732-1741	4.3	15

44	Authenticated Key Agreement Scheme With User Anonymity and Untraceability for 5G-Enabled Softwarized Industrial Cyber-Physical Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-15	6.1	15
43	Designing Efficient Sinkhole Attack Detection Mechanism in Edge-Based IoT Deployment. <i>Sensors</i> , 2020 , 20,	3.8	14
42	Secure biometric-based authentication scheme with smart card revocation/reissue for wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2016 , 12, 155014771665860	1.7	14
41	Secure and Efficient Honey List-Based Authentication Protocol for Vehicular Ad Hoc Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 2412-2425	4.9	14
40	Design of Blockchain-Based Lightweight V2I Handover Authentication Protocol for VANET. <i>IEEE Transactions on Network Science and Engineering</i> , 2022 , 1-1	4.9	13
39	SLUA-WSN: Secure and Lightweight Three-Factor-Based User Authentication Protocol for Wireless Sensor Networks. <i>Sensors</i> , 2020 , 20,	3.8	13
38	Design of Secure Decentralized Car-Sharing System Using Blockchain. <i>IEEE Access</i> , 2021 , 9, 54796-54810	3.5	13
37	HEAP: An Efficient and Fault-Tolerant Authentication and Key Exchange Protocol for Hadoop-Assisted Big Data Platform. <i>IEEE Access</i> , 2018 , 6, 75342-75382	3.5	13
36	A Selective Group Authentication Scheme for IoT-Based Medical Information System. <i>Journal of Medical Systems</i> , 2017 , 41, 48	5.1	12
35	Security analysis and enhancements of an improved multi-factor biometric authentication scheme. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771772430	1.7	11
34	. <i>IEEE Access</i> , 2017 , 5, 27707-27721	3.5	11
33	Secure user authentication scheme with novel server mutual verification for multiserver environments. <i>International Journal of Communication Systems</i> , 2019 , 32, e3929	1.7	10
32	Multi-Authority CP-ABE-Based user access control scheme with constant-size key and ciphertext for IoT deployment. <i>Journal of Information Security and Applications</i> , 2020 , 53, 102503	3.5	10
31	Secure ECC-Based Three-Factor Mutual Authentication Protocol for Telecare Medical Information System. <i>IEEE Access</i> , 2022 , 10, 11511-11526	3.5	10
30	AI-Enabled Blockchain-Based Access Control for Malicious Attacks Detection and Mitigation in IoE. <i>IEEE Consumer Electronics Magazine</i> , 2021 , 10, 82-92	3.2	9
29	A Secure and Efficient Three-Factor Authentication Protocol in Global Mobility Networks. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 3565	2.6	8
28	Comments on λ LAM: Anonymous Lightweight Authentication Mechanism for SDN Enabled Smart Homes. <i>IEEE Access</i> , 2021 , 9, 49154-49159	3.5	8
27	Lightweight Three-Factor-Based Privacy- Preserving Authentication Scheme for IoT-Enabled Smart Homes. <i>IEEE Access</i> , 2021 , 9, 126186-126197	3.5	8

26	Designing Fine-grained Access Control for Software Defined Networks using Private Blockchain. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
25	Block-CLAP: Blockchain-Assisted Certificateless Key Agreement Protocol for Internet of Vehicles in Smart Transportation. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 8092-8107	6.8	7
24	A lightweight three-factor authentication protocol for digital rights management system. <i>Peer-to-Peer Networking and Applications</i> , 2020 , 13, 1340-1356	3.1	6
23	Anonymous Cluster-Based MANETs with Threshold Signature. <i>International Journal of Distributed Sensor Networks</i> , 2013 , 9, 374713	1.7	6
22	Secure Key Agreement and Authentication Protocol for Message Confirmation in Vehicular Cloud Computing. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 6268	2.6	6
21	On the Design of Lightweight and Secure Mutual Authentication System for Global Roaming in Resource-Limited Mobility Networks. <i>IEEE Access</i> , 2021 , 9, 12879-12895	3.5	6
20	Comments on \square SSAKA-MS: An Improved Three-Factor Symmetric-Key Based Secure AKA Scheme for Multi-Server Environments \square <i>IEEE Access</i> , 2020 , 8, 193375-193379	3.5	5
19	Lightweight Failover Authentication Mechanism for IoT-Based Fog Computing Environment. <i>Electronics (Switzerland)</i> , 2021 , 10, 1417	2.6	5
18	A Secure, Lightweight, and Anonymous User Authentication Protocol for IoT Environments. <i>Sustainability</i> , 2021 , 13, 9241	3.6	5
17	Provably Secure Three-Factor-Based Mutual Authentication Scheme with PUF for Wireless Medical Sensor Networks. <i>Sensors</i> , 2021 , 21,	3.8	5
16	Robust Authentication Protocol for Dynamic Charging System of Electric Vehicles. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 1-1	6.8	4
15	Design of Secure Handover Authentication Scheme for Urban Air Mobility Environments. <i>IEEE Access</i> , 2022 , 10, 42529-42541	3.5	4
14	A Secure Authentication and Key Establishment Scheme for Wearable Devices 2019 ,		3
13	Authentications and Key Management in 3G-WLAN Interworking. <i>Mobile Networks and Applications</i> , 2011 , 16, 394-407	2.9	3
12	SCS-WoT: Secure Communication Scheme for Web of Things Deployment. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
11	On the Security of a Secure and Lightweight Authentication Scheme for Next Generation IoT Infrastructure. <i>IEEE Access</i> , 2021 , 9, 71856-71867	3.5	3
10	BPPS:Blockchain-Enabled Privacy-Preserving Scheme for Demand-Response Management in Smart Grid Environments. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022 , 1-1	3.9	3
9	A Secure Multi-Factor Remote User Authentication Scheme for Cloud-IoT Applications 2019 ,		2

8	A Secure Key Aggregate Searchable Encryption with Multi Delegation in Cloud Data Sharing Service. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8841	2.6	2
7	A Robust Authentication Protocol for Wireless Medical Sensor Networks Using Blockchain and Physically Unclonable Functions. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	2
6	Private Blockchain-Based AI-Envisioned Home Monitoring Framework in IoMT-Enabled COVID-19 Environment. <i>IEEE Consumer Electronics Magazine</i> , 2021 , 1-1	3.2	1
5	Blockchain-Envisioned Secure Authentication Approach in AIoT: Applications, Challenges, and Future Research. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-19	1.9	1
4	iGCACS-IoD: An Improved Certificate-Enabled Generic Access Control Scheme for Internet of Drones Deployment. <i>IEEE Access</i> , 2021 , 9, 87024-87048	3.5	1
3	Blockchain-Envisioned Provably Secure Multivariate Identity-Based Multi-Signature Scheme for Internet of Vehicles Environment. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	1
2	A Provably Secure Mobile User Authentication Scheme for Big Data Collection in IoT-Enabled Maritime Intelligent Transportation System. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-11	6.1	0
1	On the Security of a Lightweight and Secure Access Authentication Scheme for Both UE and mMTC Devices in 5G Networks. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4265	2.6	