

# Muhammad Khurram Khan

## List of Publications by Year in Descending Order

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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.

345  
papers

10,862  
citations

57  
h-index

87  
g-index

373  
ext. papers

13,426  
ext. citations

4.1  
avg, IF

7.1  
L-index

#	Paper	IF	Citations
345	Smart sentiment analysis system for pain detection using cutting edge techniques in a smart healthcare framework.. <i>Cluster Computing</i> , <b>2022</b> , 1-17	2.1	2
344	A privacy-preserving authentication scheme based on Elliptic Curve Cryptography and using Quotient Filter in fog-enabled VANET. <i>Ad Hoc Networks</i> , <b>2022</b> , 128, 102782	4.8	2
343	DeFLoc: Deep Learning Assisted Indoor Vehicle Localization Atop FM Fingerprint Map. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2022</b> , 1-12	6.1	1
342	ASCP-IoMT: AI-Enabled Lightweight Secure Communication Protocol for Internet of Medical Things. <i>IEEE Access</i> , <b>2022</b> , 1-1	3.5	0
341	Privacy-Preserving Federated Machine Learning Solutions for Enhanced Security of Critical Energy Infrastructures. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	1
340	Hand-based multibiometric systems: state-of-the-art and future challenges. <i>PeerJ Computer Science</i> , <b>2021</b> , 7, e707	2.7	1
339	Private blockchain-envisioned multi-authority CP-ABE-based user access control scheme in IIoT. <i>Computer Communications</i> , <b>2021</b> , 169, 99-113	5.1	14
338	Comment on Lightweight Secure Message Broadcasting Protocol for Vehicle-to-Vehicle Communication. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 1366-1368	4.3	1
337	Verifiable dynamic ranked search with forward privacy over encrypted cloud data. <i>Peer-to-Peer Networking and Applications</i> , <b>2021</b> , 14, 2977-2991	3.1	5
336	A robust provable-secure privacy-preserving authentication protocol for Industrial Internet of Things. <i>Peer-to-Peer Networking and Applications</i> , <b>2021</b> , 14, 1548-1571	3.1	3
335	Analysis and Improvement of a Certificateless Signature Scheme for Resource-Constrained Scenarios. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 1074-1078	3.8	5
334	Trust Management in Social Internet of Things: Architectures, Recent Advancements, and Future Challenges. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 7768-7788	10.7	6
333	Privacy-preserving Data Aggregation against Malicious Data Mining Attack for IoT-enabled Smart Grid. <i>ACM Transactions on Sensor Networks</i> , <b>2021</b> , 17, 1-25	2.9	1
332	EPRT: An Efficient Privacy-Preserving Medical Service Recommendation and Trust Discovery Scheme for eHealth System. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-24	3.8	3
331	Efficient Certificateless Aggregate Signature With Conditional Privacy Preservation in IoV. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 245-256	4.3	40
330	Comments on Insider Attack Protection: Lightweight Password-Based Authentication Techniques Using ECC. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 877-880	4.3	5
329	Designing Anonymous Signature-Based Authenticated Key Exchange Scheme for Internet of Things-Enabled Smart Grid Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 4425-4436	11.9	18

328	Secure content-based image retrieval using modified Euclidean distance for encrypted features. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e4013	1.9	4
327	From smart parking towards autonomous valet parking: A survey, challenges and future Works. <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 175, 102935	7.9	15
326	Dissecting bitcoin blockchain: Empirical analysis of bitcoin network (2009-2020). <i>Journal of Network and Computer Applications</i> , <b>2021</b> , 177, 102940	7.9	14
325	Augmenting Cybersecurity in Autonomous Vehicles: Innovative Recommendations for Aspiring Entrepreneurs. <i>IEEE Consumer Electronics Magazine</i> , <b>2021</b> , 10, 111-116	3.2	7
324	ECC-CoAP: Elliptic Curve Cryptography Based Constraint Application Protocol for Internet of Things. <i>Wireless Personal Communications</i> , <b>2021</b> , 116, 1867-1896	1.9	11
323	An improved privacy preserving remote user authentication scheme for agricultural wireless sensor network. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2021</b> , 32, e4218	1.9	5
322	Histogram-Based Intrusion Detection and Filtering Framework for Secure and Safe In-Vehicle Networks. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 1-14	6.1	6
321	Sensor Cloud Frameworks: State-of-the-Art, Taxonomy, and Research Issues. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	7
320	Efficient Privacy-Preserving Authentication Scheme with Fine-grained Error Location for Cloud-based VANET. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	2
319	An Efficient Privacy-Preserving Aggregation Scheme for Multi-dimensional Data in IoT. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	4
318	Consumer, Commercial and Industrial IoT (In)Security: Attack Taxonomy and Case Studies. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	16
317	. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	3
316	Resource Efficient Geo-Textual Hierarchical Clustering Framework for Social IoT Applications. <i>IEEE Sensors Journal</i> , <b>2021</b> , 1-1	4	11
315	Provably Secure Authentication Protocol for Mobile Clients in IoT Environment using Puncturable Pseudorandom Function. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 1-1	10.7	1
314	A New Remote Fuzzy User Password Authentication Scheme Using Sub-tree for Cloud Computing. <i>International Journal of Circuits, Systems and Signal Processing</i> , <b>2021</b> , 15, 92-105	1.3	
313	A Pairing Free Identity Based Two Party Authenticated Key Agreement Protocol Using Hexadecimal Extended ASCII Elliptic Curve Cryptography. <i>Wireless Personal Communications</i> , <b>2021</b> , 118, 3045-3061	1.9	2
312	Security and Privacy in IoT Smart Healthcare. <i>IEEE Internet Computing</i> , <b>2021</b> , 25, 37-48	2.4	16
311	. <i>IEEE Systems Journal</i> , <b>2021</b> , 15, 4431-4438	4.3	22

310	Ransomware: Recent advances, analysis, challenges and future research directions. <i>Computers and Security</i> , <b>2021</b> , 111, 102490	4.9	10
309	Emerging IoT Applications in Sustainable Smart Cities for COVID-19: Network Security and Data Preservation Challenges with Future Directions. <i>Sustainable Cities and Society</i> , <b>2021</b> , 75, 103311	10.1	8
308	Palmprint-Palmvein Fusion Recognition Based on Deep Hashing Network. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	1
307	MHADBOR : AI-enabled Administrative Distance based Opportunistic Load Balancing Scheme for an Agriculture Internet of Things Network. <i>IEEE Micro</i> , <b>2021</b> , 1-1	1.8	16
306	Optimizing the Lifetime of Software Defined Wireless Sensor Network via Reinforcement Learning. <i>IEEE Access</i> , <b>2021</b> , 9, 259-272	3.5	8
305	A Survey on Blockchain Technology: Evolution, Architecture and Security. <i>IEEE Access</i> , <b>2021</b> , 9, 61048-61073	10.3	34
304	Proof of X-repute blockchain consensus protocol for IoT systems. <i>Computers and Security</i> , <b>2020</b> , 95, 101874	4.1	23
303	Blockchain-based identity management systems: A review. <i>Journal of Network and Computer Applications</i> , <b>2020</b> , 166, 102731	7.9	53
302	A novel authentication and key-agreement scheme for satellite communication network. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2020</b> , 32, e3894	1.9	7
301	Joint-learning segmentation in Internet of drones (IoD)-based monitor systems. <i>Computer Communications</i> , <b>2020</b> , 152, 54-62	5.1	5
300	Situation-Aware Deep Reinforcement Learning Link Prediction Model for Evolving Criminal Networks. <i>IEEE Access</i> , <b>2020</b> , 8, 16550-16559	3.5	13
299	DCAP: A Secure and Efficient Decentralized Conditional Anonymous Payment System Based on Blockchain. <i>IEEE Transactions on Information Forensics and Security</i> , <b>2020</b> , 15, 2440-2452	8	46
298	Improving the Security of LTE-R for High-Speed Railway: From the Access Authentication View. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2020</b> , 1-15	6.1	3
297	Bat algorithmBased beamforming for mmWave massive MIMO systems. <i>International Journal of Communication Systems</i> , <b>2020</b> , 33, e4182	1.7	3
296	RSEAP: RFID based secure and efficient authentication protocol for vehicular cloud computing. <i>Vehicular Communications</i> , <b>2020</b> , 22, 100213	5.7	21
295	Comprehensive Survey on Big Data Privacy Protection. <i>IEEE Access</i> , <b>2020</b> , 8, 20067-20079	3.5	15
294	Applications of blockchain in ensuring the security and privacy of electronic health record systems: A survey. <i>Computers and Security</i> , <b>2020</b> , 97, 101966	4.9	92
293	Comprehensive Review of Cybercrime Detection Techniques. <i>IEEE Access</i> , <b>2020</b> , 8, 137293-137311	3.5	20

292	IEEE Access Special Section Editorial: Mobile Edge Computing and Mobile Cloud Computing: Addressing Heterogeneity and Energy Issues of Compute and Network Resources. <i>IEEE Access</i> , <b>2020</b> , 8, 163769-163774	3.5	3
291	Volunteer Computing in Connected Vehicles: Opportunities and Challenges. <i>IEEE Network</i> , <b>2020</b> , 34, 212-218	11.4	5
290	A Secure Three-Factor User Authentication Protocol With Forward Secrecy for Wireless Medical Sensor Network Systems. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 39-50	4.3	74
289	An efficient certificateless aggregate signature scheme for the Internet of Vehicles. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2020</b> , 31, e3708	1.9	20
288	PoRX: A reputation incentive scheme for blockchain consensus of IIoT. <i>Future Generation Computer Systems</i> , <b>2020</b> , 102, 140-151	7.5	69
287	g-RAT   A Novel Graphical Randomized Authentication Technique for Consumer Smart Devices. <i>IEEE Transactions on Consumer Electronics</i> , <b>2019</b> , 65, 215-223	4.8	13
286	Data and Privacy: Getting Consumers to Trust Products Enabled by the Internet of Things. <i>IEEE Consumer Electronics Magazine</i> , <b>2019</b> , 8, 35-38	3.2	24
285	Cloud-Based Wireless Body Area Networks: Managing Data for Better Health Care. <i>IEEE Consumer Electronics Magazine</i> , <b>2019</b> , 8, 55-59	3.2	11
284	Questioning Key Compromise Attack on Ostad-Sharif et al.'s Authentication and Session key Generation Scheme for Healthcare Applications. <i>IEEE Access</i> , <b>2019</b> , 7, 39717-39720	3.5	39
283	A survey on software defined networking enabled smart buildings: Architecture, challenges and use cases. <i>Journal of Network and Computer Applications</i> , <b>2019</b> , 137, 62-77	7.9	23
282	An identity-based encryption technique using subtree for fuzzy user data sharing under cloud computing environment. <i>Soft Computing</i> , <b>2019</b> , 23, 13127-13138	3.5	16
281	A scene image classification technique for a ubiquitous visual surveillance system. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 5791-5818	2.5	5
280	An efficient certificateless key exchange protocol for heterogeneous networks in human-centered IoT systems. <i>International Journal of Communication Systems</i> , <b>2019</b> , e4093	1.7	0
279	Trust and reputation for Internet of Things: Fundamentals, taxonomy, and open research challenges. <i>Journal of Network and Computer Applications</i> , <b>2019</b> , 145, 102409	7.9	38
278	CrowdSwitch: Crowdsensing Based Switch between Multiple Cellular Operators in Subways <b>2019</b> ,		3
277	. <i>IEEE Access</i> , <b>2019</b> , 7, 26558-26570	3.5	3
276	. <i>IEEE Access</i> , <b>2019</b> , 7, 184797-184807	3.5	15
275	Understanding Multi-Path Routing Algorithms in Datacenter Networks <b>2019</b> ,		1

274	SPSR-FSPG: A Fast Simulative Password Set Generation Algorithm. <i>IEEE Access</i> , <b>2019</b> , 7, 155107-155119	3.5	
273	The Internet of Things: A Review of Enabled Technologies and Future Challenges. <i>IEEE Access</i> , <b>2019</b> , 7, 7606-7640	3.5	99
272	. <i>IEEE Transactions on Consumer Electronics</i> , <b>2019</b> , 65, 64-72	4.8	18
271	. <i>IEEE Access</i> , <b>2019</b> , 7, 29763-29787	3.5	104
270	A survey on privacy protection in blockchain system. <i>Journal of Network and Computer Applications</i> , <b>2019</b> , 126, 45-58	7.9	302
269	Towards augmented proactive cyberthreat intelligence. <i>Journal of Parallel and Distributed Computing</i> , <b>2019</b> , 124, 47-59	4.4	5
268	Deep features-based speech emotion recognition for smart affective services. <i>Multimedia Tools and Applications</i> , <b>2019</b> , 78, 5571-5589	2.5	63
267	Energy Management in RFID-Sensor Networks: Taxonomy and Challenges. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 250-266	10.7	24
266	Recent advancements in garbled computing: How far have we come towards achieving secure, efficient and reusable garbled circuits. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 108, 1-19	7.9	7
265	Wireless Sensor Networks in oil and gas industry: Recent advances, taxonomy, requirements, and open challenges. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 113, 87-97	7.9	64
264	A Newly Developed Ground Truth Dataset for Visual Saliency in Videos. <i>IEEE Access</i> , <b>2018</b> , 6, 20855-20867	3.5	5
263	Caching in Information-Centric Networking: Strategies, Challenges, and Future Research Directions. <i>IEEE Communications Surveys and Tutorials</i> , <b>2018</b> , 20, 1443-1474	37.1	79
262	Joint Admission Control and Resource Allocation in Edge Computing for Internet of Things. <i>IEEE Network</i> , <b>2018</b> , 32, 72-79	11.4	82
261	A Lightweight Authenticated Encryption Scheme Based on Chaotic SCML for Railway Cloud Service. <i>IEEE Access</i> , <b>2018</b> , 6, 711-722	3.5	61
260	Authentication Protocols for Implantable Medical Devices: Taxonomy, Analysis and Future Directions. <i>IEEE Consumer Electronics Magazine</i> , <b>2018</b> , 7, 57-65	3.2	23
259	Intelligent Technique for Seamless Vertical Handover in Vehicular Networks. <i>Mobile Networks and Applications</i> , <b>2018</b> , 23, 1462-1477	2.9	6
258	Five acts of consumer behavior: A potential security and privacy threat to Internet of Things <b>2018</b> ,		7
257	A robust and anonymous patient monitoring system using wireless medical sensor networks. <i>Future Generation Computer Systems</i> , <b>2018</b> , 80, 483-495	7.5	154

256	An anonymous and provably secure biometric-based authentication scheme using chaotic maps for accessing medical drop box data. <i>Journal of Supercomputing</i> , <b>2018</b> , 74, 3685-3703	2.5	10
255	Efficient Privacy-Aware Authentication Scheme for Mobile Cloud Computing Services. <i>IEEE Systems Journal</i> , <b>2018</b> , 12, 1621-1631	4.3	97
254	A novel audio forensic data-set for digital multimedia forensics. <i>Australian Journal of Forensic Sciences</i> , <b>2018</b> , 50, 525-542	1.1	8
253	Digital multimedia audio forensics: past, present and future. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 1009-1040	2.5	23
252	A provably secure biometrics-based authenticated key agreement scheme for multi-server environments. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 2359-2389	2.5	30
251	An enhanced lightweight anonymous biometric based authentication scheme for TMIS. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 5503-5524	2.5	34
250	SIMDOM: A framework for SIMD instruction translation and offloading in heterogeneous mobile architectures. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2018</b> , 29, e3174	1.9	16
249	Certificateless searchable public key encryption scheme for mobile healthcare system. <i>Computers and Electrical Engineering</i> , <b>2018</b> , 65, 413-424	4.3	41
248	A robust and efficient bilinear pairing based mutual authentication and session key verification over insecure communication. <i>Multimedia Tools and Applications</i> , <b>2018</b> , 77, 11041-11066	2.5	10
247	Design of Secure and Lightweight Authentication Protocol for Wearable Devices Environment. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2018</b> , 22, 1310-1322	7.2	103
246	A secure chaotic map-based remote authentication scheme for telecare medicine information systems. <i>Future Generation Computer Systems</i> , <b>2018</b> , 84, 149-159	7.5	38
245	Rigorous Analysis and Evaluation of Specific Absorption Rate (SAR) for Mobile Multimedia Healthcare. <i>IEEE Access</i> , <b>2018</b> , 6, 29602-29610	3.5	22
244	EPA-CPPA: An efficient, provably-secure and anonymous conditional privacy-preserving authentication scheme for vehicular ad hoc networks. <i>Vehicular Communications</i> , <b>2018</b> , 13, 104-113	5.7	41
243	. <i>IEEE Access</i> , <b>2018</b> , 6, 44591-44606	3.5	4
242	Security Analysis of Smartphone and Cloud Computing Authentication Frameworks and Protocols. <i>IEEE Access</i> , <b>2018</b> , 6, 34527-34542	3.5	10
241	Structures and data preserving homomorphic signatures. <i>Journal of Network and Computer Applications</i> , <b>2018</b> , 102, 58-70	7.9	3
240	An efficient ECC-based provably secure three-factor user authentication and key agreement protocol for wireless healthcare sensor networks. <i>Computers and Electrical Engineering</i> , <b>2018</b> , 69, 534-554	4.3	113
239	Medical Image Analysis using Convolutional Neural Networks: A Review. <i>Journal of Medical Systems</i> , <b>2018</b> , 42, 226	5.1	334

238	A novel biometric-based password authentication scheme for client-server environment using ECC and fuzzy extractor. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2018</b> , 27, 138	0.7	7
237	A New Transitively Closed Undirected Graph Authentication Scheme for Blockchain-Based Identity Management Systems. <i>IEEE Access</i> , <b>2018</b> , 6, 28203-28212	3.5	44
236	An anonymous biometric-based remote user-authenticated key agreement scheme for multimedia systems. <i>International Journal of Communication Systems</i> , <b>2017</b> , 30, e2946	1.7	21
235	An improved smart card based authentication scheme for session initiation protocol. <i>Peer-to-Peer Networking and Applications</i> , <b>2017</b> , 10, 92-105	3.1	53
234	A pairing-free certificateless digital multisignature scheme using elliptic curve cryptography. <i>International Journal of Computer Mathematics</i> , <b>2017</b> , 94, 39-55	1.2	11
233	Cloud resource allocation schemes: review, taxonomy, and opportunities. <i>Knowledge and Information Systems</i> , <b>2017</b> , 50, 347-381	2.4	49
232	Pairing-based CP-ABE with constant-size ciphertexts and secret keys for cloud environment. <i>Computer Standards and Interfaces</i> , <b>2017</b> , 54, 3-9	3.5	53
231	A lightweight anonymous authentication scheme for consumer roaming in ubiquitous networks with provable security. <i>International Journal of Communication Systems</i> , <b>2017</b> , 30, e3019	1.7	68
230	Millimeter-Wave Wireless Communications for IoT-Cloud Supported Autonomous Vehicles: Overview, Design, and Challenges <b>2017</b> , 55, 62-68		135
229	Cloud-Based Intrusion Detection and Response System: Open Research Issues, and Solutions. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 399-423	2.5	17
228	An efficient chaos-based 2-party key agreement protocol with provable security. <i>International Journal of Communication Systems</i> , <b>2017</b> , 30, e3288	1.7	6
227	A Standard Mutual Authentication Protocol for Cloud Computing Based Health Care System. <i>Journal of Medical Systems</i> , <b>2017</b> , 41, 50	5.1	57
226	. <i>IEEE Access</i> , <b>2017</b> , 5, 3273-3283	3.5	51
225	ABC-PSO for vertical handover in heterogeneous wireless networks. <i>Neurocomputing</i> , <b>2017</b> , 256, 63-81	5.4	25
224	Digital Quran Computing: Review, Classification, and Trend Analysis. <i>Arabian Journal for Science and Engineering</i> , <b>2017</b> , 42, 3077-3102	2.5	5
223	Security analysis of a publicly verifiable data possession scheme for remote storage. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 4923-4930	2.5	4
222	A secure and efficient public auditing scheme using RSA algorithm for cloud storage. <i>Journal of Supercomputing</i> , <b>2017</b> , 73, 5285-5309	2.5	11
221	Secure Authentication Scheme for Medicine Anti-Counterfeiting System in IoT Environment. <i>IEEE Internet of Things Journal</i> , <b>2017</b> , 4, 1634-1646	10.7	54



220	Cross-VM cache-based side channel attacks and proposed prevention mechanisms: A survey. <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 93, 259-279	7.9	20
219	A secure and efficient identity-based mutual authentication scheme with smart card using elliptic curve cryptography. <i>International Journal of Communication Systems</i> , <b>2017</b> , 30, e3333	1.7	11
218	A software agent enabled biometric security algorithm for secure file access in consumer storage devices. <i>IEEE Transactions on Consumer Electronics</i> , <b>2017</b> , 63, 53-61	4.8	24
217	A reliable Internet of Things based architecture for oil and gas industry <b>2017</b> ,		42
216	A high-level domain-specific language for SIEM (design, development and formal verification). <i>Cluster Computing</i> , <b>2017</b> , 20, 2423-2437	2.1	2
215	A secure framework for digital Quran certification <b>2017</b> ,		2
214	Sustainable Incentive Mechanisms for Mobile Crowdsensing: Part 1 <b>2017</b> , 55, 60-61		1
213	Towards next-generation heterogeneous mobile data stream mining applications: Opportunities, challenges, and future research directions. <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 79, 1-24	7.9	31
212	Information collection centric techniques for cloud resource management: Taxonomy, analysis and challenges. <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 100, 80-94	7.9	14
211	Reducing Power Consumption in Wireless Body Area Networks A novel data segregation and classification technique. <i>IEEE Consumer Electronics Magazine</i> , <b>2017</b> , 6, 38-47	3.2	19
210	A Two-Factor RSA-Based Robust Authentication System for Multiserver Environments. <i>Security and Communication Networks</i> , <b>2017</b> , 2017, 1-15	1.9	25
209	Cloud monitoring: A review, taxonomy, and open research issues. <i>Journal of Network and Computer Applications</i> , <b>2017</b> , 98, 11-26	7.9	21
208	Toward Secure Software Defined Vehicular Networks: Taxonomy, Requirements, and Open Issues <b>2017</b> , 55, 110-118		35
207	. <i>IEEE Vehicular Technology Magazine</i> , <b>2017</b> , 12, 55-64	9.9	119
206	A Secure Trust Model Based on Fuzzy Logic in Vehicular Ad Hoc Networks With Fog Computing. <i>IEEE Access</i> , <b>2017</b> , 5, 15619-15629	3.5	119
205	Formal modeling and verification of security controls for multimedia systems in the cloud. <i>Multimedia Tools and Applications</i> , <b>2017</b> , 76, 22845-22870	2.5	4
204	An efficient authentication and key agreement scheme with user anonymity for roaming service in smart city. <i>Personal and Ubiquitous Computing</i> , <b>2017</b> , 21, 791-805	2.1	19
203	Towards a set aggregation-based data integrity scheme for smart grids. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2017</b> , 72, 551-561	2	10

202	. <i>IEEE Wireless Communications</i> , <b>2017</b> , 24, 74-80	13.4	30
201	When social objects collaborate: Concepts, processing elements, attacks and challenges. <i>Computers and Electrical Engineering</i> , <b>2017</b> , 58, 397-411	4.3	19
200	On the design of a secure user authentication and key agreement scheme for wireless sensor networks. <i>Concurrency Computation Practice and Experience</i> , <b>2017</b> , 29, e3930	1.4	25
199	. <i>IEEE Communications Surveys and Tutorials</i> , <b>2017</b> , 19, 303-324	37.1	91
198	A Dynamic ID-Based Generic Framework for Anonymous Authentication Scheme for Roaming Service in Global Mobility Networks. <i>Wireless Personal Communications</i> , <b>2017</b> , 93, 383-407	1.9	38
197	Attribute-based data access control in mobile cloud computing: Taxonomy and open issues. <i>Future Generation Computer Systems</i> , <b>2017</b> , 72, 273-287	7.5	46
196	An Improved Remote User Authentication Scheme Using Elliptic Curve Cryptography. <i>Wireless Personal Communications</i> , <b>2017</b> , 96, 5355-5373	1.9	37
195	Efficient RFID Authentication Using Elliptic Curve Cryptography for the Internet of Things. <i>Wireless Personal Communications</i> , <b>2017</b> , 96, 5253-5266	1.9	25
194	An enhanced mutual authentication and key agreement scheme for mobile user roaming service in global mobility networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2017</b> , 72, 131-144	1.4	23
193	Analysis of Vector Code Offloading Framework in Heterogeneous Cloud and Edge Architectures. <i>IEEE Access</i> , <b>2017</b> , 5, 24542-24554	3.5	13
192	On Software-Defined Wireless Network (SDWN) Network Virtualization: Challenges and Open Issues. <i>Computer Journal</i> , <b>2017</b> , 60, 1510-1519	1.3	6
191	Fog Computing Over IoT: A Secure Deployment and Formal Verification. <i>IEEE Access</i> , <b>2017</b> , 5, 27132-27144	1.4	26
190	Sustainable Incentive Mechanisms for Mobile Crowdsensing: Part 2 <b>2017</b> , 55, 118-119		1
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24	Multimodal face and fingerprint biometrics authentication on space-limited tokens. <i>Neurocomputing</i> , <b>2008</b> , 71, 3026-3031	5.4	33
23	Classical and chaotic encryption techniques for the security of satellite images <b>2008</b> ,		7

22	Chaotic hash-based fingerprint biometric remote user authentication scheme on mobile devices. <i>Chaos, Solitons and Fractals</i> , <b>2008</b> , 35, 519-524	9.3	129
21	Cryptanalysis and Security Enhancement of Two Password Authentication Schemes with Smart Cards <b>2007</b> ,		2
20	Chaotic secure content-based hidden transmission of biometric templates. <i>Chaos, Solitons and Fractals</i> , <b>2007</b> , 32, 1749-1759	9.3	49
19	Improving the security of a flexible biometrics remote user authentication scheme <i>Computer Standards and Interfaces</i> , <b>2007</b> , 29, 82-85	3.5	114
18	Cryptanalysis and improvement on two efficient remote user authentication scheme using smart cards. <i>Computer Standards and Interfaces</i> , <b>2007</b> , 29, 507-512	3.5	97
17	Robust Hiding of Fingerprint-Biometric Data into Audio Signals. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 702-712	0.9	27
16	An Intelligent Fingerprint-Biometric Image Scrambling Scheme. <i>Lecture Notes in Computer Science</i> , <b>2007</b> , 1141-1151	0.9	6
15	An Efficient and Practical Fingerprint-Based Remote User Authentication Scheme with Smart Cards. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 260-268	0.9	24
14	Implementing Templates Security in Remote Biometric Authentication Systems <b>2006</b> ,		4
13	Enhancing the Transmission Security of Content-Based Hidden Biometric Data. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 214-223	0.9	1
12	Implementing Biometric Security in Intelligent Transportation Systems (ITS) <b>2005</b> ,		2
11	Securing Biometric Templates for Reliable Identity Authentication. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 723-732	0.9	2
10	Protecting Biometric Data for Personal Identification. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 629-638	0.9	15
9	An object detection-based few-shot learning approach for multimedia quality assessment. <i>Multimedia Systems</i> ,1	2.2	0
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7	On the Security of A Secure Anonymous Identity-Based Scheme in New Authentication Architecture for Mobile Edge Computing. <i>Wireless Personal Communications</i> ,1	1.9	1
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5	Systematic survey of mobile payments, protocols, and security infrastructure. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1	3.7	5

4	A survey on the blockchain techniques for the Internet of Vehicles security. <i>Transactions on Emerging Telecommunications Technologies</i> ,e4317	1.9	3
3	Radiological image retrieval technique using multi-resolution texture and shape features. <i>Multimedia Tools and Applications</i> ,1	2.5	0
2	Computational intelligence based secure three-party CBIR scheme for medical data for cloud-assisted healthcare applications. <i>Multimedia Tools and Applications</i> ,1	2.5	3
1	Harnessing intelligent technologies to curb COVID-19 pandemic: taxonomy and open challenges. <i>Computing (Vienna/New York)</i> ,1	2.2	1