

# Kashif Saleem

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

2,920  
citations

279798

23  
h-index

197818

49  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3643  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mobile-health: A review of current state in 2015. Journal of Biomedical Informatics, 2015, 56, 265-272.	4.3	694
2	Cloud-Assisted IoT-Based SCADA Systems Security: A Review of the State of the Art and Future Challenges. IEEE Access, 2016, 4, 1375-1384.	4.2	303
3	An IoT-based mobile gateway for intelligent personal assistants on mobile health environments. Journal of Network and Computer Applications, 2016, 71, 194-204.	9.1	168
4	Towards energy-aware fog-enabled cloud of things for healthcare. Computers and Electrical Engineering, 2018, 67, 58-69.	4.8	112
5	Privacy Preservation in e-Healthcare Environments: State of the Art and Future Directions. IEEE Access, 2018, 6, 464-478.	4.2	95
6	Performance evaluation of a Fog-assisted IoT solution for e-Health applications. Future Generation Computer Systems, 2019, 97, 379-386.	7.5	85
7	Multiple ECG Fiducial Points-Based Random Binary Sequence Generation for Securing Wireless Body Area Networks. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 655-663.	6.3	65
8	Intelligent Personal Assistants Based on Internet of Things Approaches. IEEE Systems Journal, 2018, 12, 1793-1802.	4.6	58
9	Empirical Studies of Bio-Inspired Self-Organized Secure Autonomous Routing Protocol. IEEE Sensors Journal, 2014, 14, 2232-2239.	4.7	57
10	Ideas and Challenges for Securing Wireless Implantable Medical Devices: A Review. IEEE Sensors Journal, 2017, 17, 562-576.	4.7	56
11	Postpartum depression prediction through pregnancy data analysis for emotion-aware smart systems. Information Fusion, 2019, 47, 23-31.	19.1	51
12	Cooperation strategies for vehicular delay-tolerant networks. IEEE Communications Magazine, 2015, 53, 88-94.	6.1	49
13	Human-oriented design of secure Machine-to-Machine communication system for e-Healthcare society. Computers in Human Behavior, 2015, 51, 977-985.	8.5	43
14	Security and privacy based access control model for internet of connected vehicles. Future Generation Computer Systems, 2019, 97, 687-696.	7.5	39
15	Cybersecurity and privacy issues for socially integrated mobile healthcare applications operating in a multi-cloud environment. Health Informatics Journal, 2019, 25, 315-329.	2.1	37
16	Energy Efficient Strategy for Throughput Improvement in Wireless Sensor Networks. Sensors, 2015, 15, 2473-2495.	3.8	33
17	Design and deployment challenges in immersive and wearable technologies. Behaviour and Information Technology, 2017, 36, 687-698.	4.0	31
18	On resilience of Wireless Mesh routing protocol against DoS attacks in IoT-based ambient assisted living applications. , 2015, , .		30

#	ARTICLE	IF	CITATIONS
19	A survey on energy estimation and power modeling schemes for smartphone applications. International Journal of Communication Systems, 2017, 30, e3234.	2.5	30
20	A Survey of Authentication Schemes in Telecare Medicine Information Systems. Journal of Medical Systems, 2017, 41, 14.	3.6	27
21	M4DN.IoT-A Networks and Devices Management Platform for Internet of Things. IEEE Access, 2019, 7, 53305-53313.	4.2	27
22	Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry. IEEE Access, 2018, 6, 19140-19150.	4.2	26
23	A Hierarchical Model to Evaluate the Quality of Web-Based E-Learning Systems. Sustainability, 2020, 12, 4071.	3.2	25
24	Software-defined networking security for private data center networks and clouds: Vulnerabilities, attacks, countermeasures, and solutions. International Journal of Communication Systems, 2021, 34, e4706.	2.5	24
25	Subjective logic-based trust model for fog computing. Computer Communications, 2021, 178, 221-233.	5.1	24
26	Bio-Inspired Network Security for 5G-Enabled IoT Applications. IEEE Access, 2020, 8, 229152-229160.	4.2	24
27	Improving the Performance of LOADng Routing Protocol in Mobile IoT Scenarios. IEEE Access, 2019, 7, 107032-107046.	4.2	23
28	LOADng-IoT: An Enhanced Routing Protocol for Internet of Things Applications over Low Power Networks. Sensors, 2019, 19, 150.	3.8	23
29	Machine learning and decision support system on credit scoring. Neural Computing and Applications, 2020, 32, 9809-9826.	5.6	22
30	Assessing Routing Strategies for Cognitive Radio Sensor Networks. Sensors, 2013, 13, 13005-13038.	3.8	20
31	Reliability analysis of healthcare information systems: State of the art and future directions. , 2015, , .		20
32	Finding Healthcare Issues with Search Engine Queries and Social Network Data. International Journal on Semantic Web and Information Systems, 2017, 13, 48-62.	5.1	20
33	Framework for Sustainable Wireless Sensor Network Based Environmental Monitoring. Sustainability, 2022, 14, 8356.	3.2	20
34	Efficient low cost supervisory system for Internet of Things enabled smart home. , 2017, , .		18
35	Secure sensors data acquisition and communication protection in eHealthcare: Review on the state of the art. Telematics and Informatics, 2018, 35, 702-726.	5.8	18
36	Automated electronic approaches for detecting disease vectors mosquitoes through the wing-beat frequency. Journal of Cleaner Production, 2019, 217, 767-775.	9.3	18

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37	A preeclampsia diagnosis approach using Bayesian networks. , 2016, , .		17
38	A lightweight cyber security framework with context-awareness for pervasive computing environments. Sustainable Cities and Society, 2021, 66, 102610.	10.4	17
39	A Lightweight Key Freshness Scheme for Wireless Sensor Networks. , 2015, , .		16
40	Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks. Sensors, 2016, 16, 460.	3.8	15
41	A mutual exclusion algorithm for flying Ad Hoc networks. Computers and Electrical Engineering, 2019, 76, 82-93.	4.8	15
42	An inference mechanism using Bayes-based classifiers in pregnancy care. , 2016, , .		14
43	Security for Cyber-Physical Systems in Healthcare. , 2017, , 233-251.		14
44	Data Security Through Zero-Knowledge Proof and Statistical Fingerprinting in Vehicle-to-Healthcare Everything (V2HX) Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 3869-3879.	8.0	14
45	Security concerns of cloud-based healthcare systems: A perspective of moving from single-cloud to a multi-cloud infrastructure. , 2015, , .		13
46	Enhanced Ant Colony algorithm for self-optimized data assured routing in wireless sensor networks. , 2012, , .		12
47	Low delay and secure M2M communication mechanism for eHealthcare. , 2014, , .		12
48	Intrusion Detection System against Sink Hole Attack in Wireless Sensor Networks with Mobile Sink. , 2015, , .		12
49	Smart mobile system for pregnancy care using body sensors. , 2016, , .		12
50	Predicting hypertensive disorders in high-risk pregnancy using the random forest approach. , 2017, , .		12
51	An Intelligent Information Security Mechanism for the Network Layer of WSN: BIOSARP. Lecture Notes in Computer Science, 2011, , 118-126.	1.3	12
52	Secure transfer of environmental data to enhance human decision accuracy. Computers in Human Behavior, 2015, 51, 632-639.	8.5	11
53	Analyzing ant colony optimization based routing protocol against the hole problem for enhancing users' connectivity experience. Computers in Human Behavior, 2015, 51, 1340-1350.	8.5	11
54	An empirical study on acceptance of secure healthcare service in Malaysia, Pakistan, and Saudi Arabia: a mobile cloud computing perspective. Annales Des Telecommunications/Annals of Telecommunications, 2017, 72, 253-264.	2.5	11

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55	A Systematic Review of Security Mechanisms for Big Data in Health and New Alternatives for Hospitals. <i>Wireless Communications and Mobile Computing</i> , 2017, 2017, 1-6.	1.2	11
56	MARC: A Novel Framework for Detecting MITM Attacks in eHealthcare BLE Systems. <i>Journal of Medical Systems</i> , 2019, 43, 324.	3.6	11
57	Smart Food Security System Using IoT and Big Data Analytics. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 253-258.	0.6	11
58	A Survey of Distributed Certificate Authorities in MANETs. <i>Annals of Emerging Technologies in Computing</i> , 2018, 2, 11-18.	1.3	11
59	Analysis of the Scalability and Stability of an ACO Based Routing Protocol for Wireless Sensor Networks. , 2015, , .		10
60	Biological inspired self-optimized routing algorithm for wireless sensor networks. , 2009, , .		9
61	Efficient Random Key Based Encryption System for Data Packet Confidentiality in WSNs. , 2013, , .		9
62	Data Warehousing Based Computer Forensics Investigation Framework. , 2015, , .		9
63	Performance Evaluation of Predictive Classifiers for Pregnancy Care. , 2016, , .		9
64	Survey on cybersecurity issues in wireless mesh networks based eHealthcare. , 2016, , .		9
65	A Critical Analysis of Mobility Management Related Issues of Wireless Sensor Networks in Cyber Physical Systems. <i>IEEE Access</i> , 2018, 6, 16363-16376.	4.2	9
66	A microservice recommendation mechanism based on mobile architecture. <i>Journal of Network and Computer Applications</i> , 2020, 152, 102510.	9.1	9
67	Biological inspired secure autonomous routing mechanism for wireless sensor networks. <i>International Journal of Intelligent Information and Database Systems</i> , 2011, 5, 313.	0.3	8
68	Analysis of Denial of Service Impact on Data Routing in Mobile eHealth Wireless Mesh Network. <i>Mobile Information Systems</i> , 2016, 2016, 1-19.	0.6	8
69	Performance evaluation of LOADng routing protocol in IoT P2P and MP2P applications. , 2016, , .		8
70	A composite routing metric for wireless sensor networks in AAL-IoT. , 2016, , .		8
71	AZSPM: Autonomic Zero-Knowledge Security Provisioning Model for Medical Control Systems in Fog Computing Environments. , 2017, , .		8
72	PSSCC: Provably secure communication framework for crowdsourced industrial Internet of Things environments. <i>Software - Practice and Experience</i> , 2022, 52, 744-755.	3.6	8

#	ARTICLE	IF	CITATIONS
73	Empirical Studies of ECG Multiple Fiducial-Points Based Binary Sequence Generation (MFBSG) Algorithm in E-Health Sensor Platform. , 2016, , .		7
74	A bio-inspired secure IPv6 communication protocol for Internet of Things. , 2017, , .		7
75	Cloud of Things for Healthcare: A Survey from Energy Efficiency Perspective. , 2019, , .		7
76	Proposed Nature Inspired Self-Organized Secure Autonomous Mechanism for WSNs. , 2009, , .		6
77	A Review of Secure Routing Approaches for Current and Next-Generation Wireless Multimedia Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 2015, 1-22.	2.2	6
78	Self-optimized autonomous routing protocol for wireless sensor networks with cross layer architecture. , 2009, , .		5
79	Cross layer based biological inspired self-organized routing protocol for wireless sensor network. , 2009, , .		5
80	AUTHENTICATION OF FINGERPRINT BIOMETRICS ACQUIRED USING A CELLPHONE CAMERA: A REVIEW. International Journal of Wavelets, Multiresolution and Information Processing, 2013, 11, 1350033.	1.3	5
81	Energy efficient information assured routing based on hybrid optimization algorithm for WSNs. , 2013, , .		4
82	Misty cloudsâ€”A layered cloud platform for online user anonymity in Social Internet of Things. Future Generation Computer Systems, 2019, 92, 812-820.	7.5	4
83	Classification Methods Applied to Credit Scoring With Collateral. IEEE Systems Journal, 2020, 14, 4557-4566.	4.6	4
84	Benefits of Establishing Makerspaces in Distributed Development Environment. Advances in Intelligent Systems and Computing, 2018, , 621-625.	0.6	4
85	A real-time empirical study of BIOSARP based wireless sensor network testbed. , 2012, , .		3
86	Internet of things mobile gateway services for intelligent personal assistants. , 2015, , .		3
87	U-prove based security framework for mobile device authentication in eHealth networks. , 2016, , .		3
88	Forensic Analysis of LinkedInâ€™s Desktop Application on Windows 10 OS. Advances in Intelligent Systems and Computing, 2019, , 57-62.	0.6	3
89	Computational Learning Approaches for Personalized Pregnancy Care. IEEE Network, 2020, 34, 106-111.	6.9	3
90	Introduction to the Special Issue on Communication, Computing, and Networking in Cyber-Physical Systems. Scalable Computing, 2017, 18, .	1.0	3

#	ARTICLE	IF	CITATIONS
91	Cross layer error-control scheme for video quality support over 802.11b wireless LAN. , 2009, , .		2
92	Third line of defense strategy to fight against SMS-based malware in android smartphones. , 2014, , .		2
93	A Mobile Health System to Empower Healthcare Services in Remote Regions. , 2019, , .		2
94	Proposed Technique for Transport Protocol in Wireless Sensor Network (WSN) for Multimedia Application. Jurnal Teknologi (Sciences and Engineering), 2014, 58, .	0.4	2
95	QoS provisioning for real time services on DiffServ aware IPv6 optical network using IXP-2400 Intel Network. , 2008, , .		1
96	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
97	CARPM: Cross Layer Ant Based Routing Protocol for Wireless Multimedia Sensor Network. Lecture Notes in Computer Science, 2015, , 83-94.	1.3	1
98	Leveraging adjusted user behavior in the detection and prevention of outgoing malicious SMSs in Android devices. Computers in Human Behavior, 2016, 59, 9-17.	8.5	1
99	Preventive Policy Enforcement with Minimum User Intervention Against SMS Malware in Android Devices. Arabian Journal for Science and Engineering, 2016, 41, 479-493.	1.1	1
100	Towards Ranking IoT Middleware Platforms Based on Quantitative and Qualitative Metrics. , 2017, , .		1
101	Windows Monitoring and Control for Smart Homes based on Internet of Things. , 2019, , .		1
102	A Framework to Determine Applicationsâ€™ Authenticity. Procedia Computer Science, 2019, 155, 268-275.	2.0	1
103	Socio-Technical Challenges and Mitigation Guidelines in Developing Mobile Healthcare Applications. Journal of Medical Imaging and Health Informatics, 2017, 7, 704-712.	0.3	1
104	QoS provisioning for real time services for IPv6 DiffServ network using IXP-2400 intel network processor. , 2007, , .		0
105	Bio-inspired self-organized secure autonomous routing protocol for WSN. , 2008, , .		0
106	Corrections to â€œRisk Analysis of Cloud Sourcing in Healthcare and Public Health Industryâ€œ. IEEE Access, 2021, 9, 79628-79628.	4.2	0
107	Proposed Hybrid MAC Layer Design for Priority Application Usage in Wireless Sensor Network (WSN). Jurnal Teknologi (Sciences and Engineering), 2014, 58, .	0.4	0
108	Introduction to the Special Issue on Reliability and Security of e-Health Information Systems. Scalable Computing, 2016, 17, .	1.0	0

#	ARTICLE	IF	CITATIONS
109	Performance Evaluation of Recurrent Neural Networks for Short-Term Investment Decision in Stock Market. Lecture Notes in Networks and Systems, 2020, , 247-261.	0.7	0
110	<i>A Special Section on</i> Innovations in Large Scale Healthcare Application Development. Journal of Medical Imaging and Health Informatics, 2020, 10, 2342-2344.	0.3	0