

# Kashif Saleem

## List of Publications by Year in descending order

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Version: 2024-02-01

110  
papers

2,920  
citations

279487

23  
h-index

197535

49  
g-index

111  
all docs

111  
docs citations

111  
times ranked

3643  
citing authors

#	ARTICLE	IF	CITATIONS
1	PSSCC: Provably secure communication framework for crowdsourced industrial Internet of Things environments. <i>Software - Practice and Experience</i> , 2022, 52, 744-755.	2.5	8
2	Framework for Sustainable Wireless Sensor Network Based Environmental Monitoring. <i>Sustainability</i> , 2022, 14, 8356.	1.6	20
3	A lightweight cyber security framework with context-awareness for pervasive computing environments. <i>Sustainable Cities and Society</i> , 2021, 66, 102610.	5.1	17
4	Software-defined networking security for private data center networks and clouds: Vulnerabilities, attacks, countermeasures, and solutions. <i>International Journal of Communication Systems</i> , 2021, 34, e4706.	1.6	24
5	Corrections to "Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry" IEEE Access, 2021, 9, 79628-79628.	2.6	0
6	Data Security Through Zero-Knowledge Proof and Statistical Fingerprinting in Vehicle-to-Healthcare Everything (V2HX) Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 3869-3879.	4.7	14
7	Subjective logic-based trust model for fog computing. <i>Computer Communications</i> , 2021, 178, 221-233.	3.1	24
8	Classification Methods Applied to Credit Scoring With Collateral. <i>IEEE Systems Journal</i> , 2020, 14, 4557-4566.	2.9	4
9	Machine learning and decision support system on credit scoring. <i>Neural Computing and Applications</i> , 2020, 32, 9809-9826.	3.2	22
10	A microservice recommendation mechanism based on mobile architecture. <i>Journal of Network and Computer Applications</i> , 2020, 152, 102510.	5.8	9
11	A Hierarchical Model to Evaluate the Quality of Web-Based E-Learning Systems. <i>Sustainability</i> , 2020, 12, 4071.	1.6	25
12	Computational Learning Approaches for Personalized Pregnancy Care. <i>IEEE Network</i> , 2020, 34, 106-111.	4.9	3
13	Bio-Inspired Network Security for 5G-Enabled IoT Applications. <i>IEEE Access</i> , 2020, 8, 229152-229160.	2.6	24
14	Performance Evaluation of Recurrent Neural Networks for Short-Term Investment Decision in Stock Market. <i>Lecture Notes in Networks and Systems</i> , 2020, , 247-261.	0.5	0
15	<i>A Special Section on</i> Innovations in Large Scale Healthcare Application Development. <i>Journal of Medical Imaging and Health Informatics</i> , 2020, 10, 2342-2344.	0.2	0
16	Postpartum depression prediction through pregnancy data analysis for emotion-aware smart systems. <i>Information Fusion</i> , 2019, 47, 23-31.	11.7	51
17	Windows Monitoring and Control for Smart Homes based on Internet of Things. , 2019, , .		1
18	Improving the Performance of LOADng Routing Protocol in Mobile IoT Scenarios. <i>IEEE Access</i> , 2019, 7, 107032-107046.	2.6	23

#	ARTICLE	IF	CITATIONS
19	Cloud of Things for Healthcare: A Survey from Energy Efficiency Perspective. , 2019, , .		7
20	MARC: A Novel Framework for Detecting MITM Attacks in eHealthcare BLE Systems. Journal of Medical Systems, 2019, 43, 324.	2.2	11
21	A Framework to Determine Applicationsâ€™ Authenticity. Procedia Computer Science, 2019, 155, 268-275.	1.2	1
22	Automated electronic approaches for detecting disease vectors mosquitoes through the wing-beat frequency. Journal of Cleaner Production, 2019, 217, 767-775.	4.6	18
23	Forensic Analysis of LinkedInâ€™s Desktop Application on Windows 10 OS. Advances in Intelligent Systems and Computing, 2019, , 57-62.	0.5	3
24	Smart Food Security System Using IoT and Big Data Analytics. Advances in Intelligent Systems and Computing, 2019, , 253-258.	0.5	11
25	A mutual exclusion algorithm for flying Ad Hoc networks. Computers and Electrical Engineering, 2019, 76, 82-93.	3.0	15
26	Security and privacy based access control model for internet of connected vehicles. Future Generation Computer Systems, 2019, 97, 687-696.	4.9	39
27	M4DN.IoT-A Networks and Devices Management Platform for Internet of Things. IEEE Access, 2019, 7, 53305-53313.	2.6	27
28	Performance evaluation of a Fog-assisted IoT solution for e-Health applications. Future Generation Computer Systems, 2019, 97, 379-386.	4.9	85
29	A Mobile Health System to Empower Healthcare Services in Remote Regions. , 2019, , .		2
30	LOADng-IoT: An Enhanced Routing Protocol for Internet of Things Applications over Low Power Networks. Sensors, 2019, 19, 150.	2.1	23
31	Misty cloudsâ€™A layered cloud platform for online user anonymity in Social Internet of Things. Future Generation Computer Systems, 2019, 92, 812-820.	4.9	4
32	Cybersecurity and privacy issues for socially integrated mobile healthcare applications operating in a multi-cloud environment. Health Informatics Journal, 2019, 25, 315-329.	1.1	37
33	A Critical Analysis of Mobility Management Related Issues of Wireless Sensor Networks in Cyber Physical Systems. IEEE Access, 2018, 6, 16363-16376.	2.6	9
34	Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry. IEEE Access, 2018, 6, 19140-19150.	2.6	26
35	Towards energy-aware fog-enabled cloud of things for healthcare. Computers and Electrical Engineering, 2018, 67, 58-69.	3.0	112
36	Intelligent Personal Assistants Based on Internet of Things Approaches. IEEE Systems Journal, 2018, 12, 1793-1802.	2.9	58

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37	Secure sensors data acquisition and communication protection in eHealthcare: Review on the state of the art. Telematics and Informatics, 2018, 35, 702-726.	3.5	18
38	Privacy Preservation in e-Healthcare Environments: State of the Art and Future Directions. IEEE Access, 2018, 6, 464-478.	2.6	95
39	Benefits of Establishing Makerspaces in Distributed Development Environment. Advances in Intelligent Systems and Computing, 2018, , 621-625.	0.5	4
40	A Survey of Distributed Certificate Authorities in MANETs. Annals of Emerging Technologies in Computing, 2018, 2, 11-18.	1.0	11
41	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.	3.9	65
42	Design and deployment challenges in immersive and wearable technologies. Behaviour and Information Technology, 2017, 36, 687-698.	2.5	31
43	Security for Cyber-Physical Systems in Healthcare. , 2017, , 233-251.		14
44	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.	1.6	11
45	A Survey of Authentication Schemes in Telecare Medicine Information Systems. Journal of Medical Systems, 2017, 41, 14.	2.2	27
46	Ideas and Challenges for Securing Wireless Implantable Medical Devices: A Review. IEEE Sensors Journal, 2017, 17, 562-576.	2.4	56
47	Predicting hypertensive disorders in high-risk pregnancy using the random forest approach. , 2017, , .		12
48	Efficient low cost supervisory system for Internet of Things enabled smart home. , 2017, , .		18
49	A survey on energy estimation and power modeling schemes for smartphone applications. International Journal of Communication Systems, 2017, 30, e3234.	1.6	30
50	AZSPM: Autonomic Zero-Knowledge Security Provisioning Model for Medical Control Systems in Fog Computing Environments. , 2017, , .		8
51	A bio-inspired secure IPv6 communication protocol for Internet of Things. , 2017, , .		7
52	A Systematic Review of Security Mechanisms for Big Data in Health and New Alternatives for Hospitals. Wireless Communications and Mobile Computing, 2017, 2017, 1-6.	0.8	11
53	Finding Healthcare Issues with Search Engine Queries and Social Network Data. International Journal on Semantic Web and Information Systems, 2017, 13, 48-62.	2.2	20
54	Towards Ranking IoT Middleware Platforms Based on Quantitative and Qualitative Metrics. , 2017, , .		1

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55	Socio-Technical Challenges and Mitigation Guidelines in Developing Mobile Healthcare Applications. Journal of Medical Imaging and Health Informatics, 2017, 7, 704-712.	0.2	1
56	Introduction to the Special Issue on Communication, Computing, and Networking in Cyber-Physical Systems. Scalable Computing, 2017, 18, .	0.7	3
57	Analysis of Denial of Service Impact on Data Routing in Mobile eHealth Wireless Mesh Network. Mobile Information Systems, 2016, 2016, 1-19.	0.4	8
58	Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks. Sensors, 2016, 16, 460.	2.1	15
59	An inference mechanism using Bayes-based classifiers in pregnancy care. , 2016, , .		14
60	Empirical Studies of ECG Multiple Fiducial-Points Based Binary Sequence Generation (MFBSG) Algorithm in E-Health Sensor Platform. , 2016, , .		7
61	Performance Evaluation of Predictive Classifiers for Pregnancy Care. , 2016, , .		9
62	U-prove based security framework for mobile device authentication in eHealth networks. , 2016, , .		3
63	An IoT-based mobile gateway for intelligent personal assistants on mobile health environments. Journal of Network and Computer Applications, 2016, 71, 194-204.	5.8	168
64	Cloud-Assisted IoT-Based SCADA Systems Security: A Review of the State of the Art and Future Challenges. IEEE Access, 2016, 4, 1375-1384.	2.6	303
65	A preeclampsia diagnosis approach using Bayesian networks. , 2016, , .		17
66	Survey on cybersecurity issues in wireless mesh networks based eHealthcare. , 2016, , .		9
67	Performance evaluation of LOADng routing protocol in IoT P2P and MP2P applications. , 2016, , .		8
68	A composite routing metric for wireless sensor networks in AAL-IoT. , 2016, , .		8
69	Smart mobile system for pregnancy care using body sensors. , 2016, , .		12
70	Leveraging adjusted user behavior in the detection and prevention of outgoing malicious SMSs in Android devices. Computers in Human Behavior, 2016, 59, 9-17.	5.1	1
71	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
72	Introduction to the Special Issue on Reliability and Security of e-Health Information Systems. Scalable Computing, 2016, 17, .	0.7	0

#	ARTICLE	IF	CITATIONS
73	On resilience of Wireless Mesh routing protocol against DoS attacks in IoT-based ambient assisted living applications. , 2015, , .		30
74	Security concerns of cloud-based healthcare systems: A perspective of moving from single-cloud to a multi-cloud infrastructure. , 2015, , .		13
75	Internet of things mobile gateway services for intelligent personal assistants. , 2015, , .		3
76	Reliability analysis of healthcare information systems: State of the art and future directions. , 2015, , .		20
77	CARPM: Cross Layer Ant Based Routing Protocol for Wireless Multimedia Sensor Network. Lecture Notes in Computer Science, 2015, , 83-94.	1.0	1
78	Secure transfer of environmental data to enhance human decision accuracy. Computers in Human Behavior, 2015, 51, 632-639.	5.1	11
79	Cooperation strategies for vehicular delay-tolerant networks. IEEE Communications Magazine, 2015, 53, 88-94.	4.9	49
80	Analyzing ant colony optimization based routing protocol against the hole problem for enhancing user's connectivity experience. Computers in Human Behavior, 2015, 51, 1340-1350.	5.1	11
81	Data Warehousing Based Computer Forensics Investigation Framework. , 2015, , .		9
82	A Lightweight Key Freshness Scheme for Wireless Sensor Networks. , 2015, , .		16
83	Analysis of the Scalability and Stability of an ACO Based Routing Protocol for Wireless Sensor Networks. , 2015, , .		10
84	Mobile-health: A review of current state in 2015. Journal of Biomedical Informatics, 2015, 56, 265-272.	2.5	694
85	Energy Efficient Strategy for Throughput Improvement in Wireless Sensor Networks. Sensors, 2015, 15, 2473-2495.	2.1	33
86	Intrusion Detection System against Sink Hole Attack in Wireless Sensor Networks with Mobile Sink. , 2015, , .		12
87	Human-oriented design of secure Machine-to-Machine communication system for e-Healthcare society. Computers in Human Behavior, 2015, 51, 977-985.	5.1	43
88	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.	1.3	6
89	Low delay and secure M2M communication mechanism for eHealthcare. , 2014, , .		12
90	Third line of defense strategy to fight against SMS-based malware in android smartphones. , 2014, , .		2

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91	Empirical Studies of Bio-Inspired Self-Organized Secure Autonomous Routing Protocol. IEEE Sensors Journal, 2014, 14, 2232-2239.	2.4	57
92	Proposed Technique for Transport Protocol in Wireless Sensor Network (WSN) for Multimedia Application. Jurnal Teknologi (Sciences and Engineering), 2014, 58, .	0.3	2
93	Proposed Hybrid MAC Layer Design for Priority Application Usage in Wireless Sensor Network (WSN). Jurnal Teknologi (Sciences and Engineering), 2014, 58, .	0.3	0
94	Efficient Random Key Based Encryption System for Data Packet Confidentiality in WSNs. , 2013, , .		9
95	Energy efficient information assured routing based on hybrid optimization algorithm for WSNs. , 2013, , .		4
96	Assessing Routing Strategies for Cognitive Radio Sensor Networks. Sensors, 2013, 13, 13005-13038.	2.1	20
97	AUTHENTICATION OF FINGERPRINT BIOMETRICS ACQUIRED USING A CELLPHONE CAMERA: A REVIEW. International Journal of Wavelets, Multiresolution and Information Processing, 2013, 11, 1350033.	0.9	5
98	Enhanced Ant Colony algorithm for self-optimized data assured routing in wireless sensor networks. , 2012, , .		12
99	A real-time empirical study of BIOSARP based wireless sensor network testbed. , 2012, , .		3
100	Biological inspired secure autonomous routing mechanism for wireless sensor networks. International Journal of Intelligent Information and Database Systems, 2011, 5, 313.	0.3	8
101	An Intelligent Information Security Mechanism for the Network Layer of WSN: BIOSARP. Lecture Notes in Computer Science, 2011, , 118-126.	1.0	12
102	Self-optimized autonomous routing protocol for wireless sensor networks with cross layer architecture. , 2009, , .		5
103	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
104	Cross layer error-control scheme for video quality support over 802.11b wireless LAN. , 2009, , .		2
105	Biological inspired self-optimized routing algorithm for wireless sensor networks. , 2009, , .		9
106	Proposed Nature Inspired Self-Organized Secure Autonomous Mechanism for WSNs. , 2009, , .		6
107	Cross layer based biological inspired self-organized routing protocol for wireless sensor network. , 2009, , .		5
108	Bio-inspired self-organized secure autonomous routing protocol for WSN. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
109	QoS provisioning for real time services on DiffServ aware IPv6 optical network using IXP-2400 Intel Network. , 2008, , .		1
110	QoS provisioning for real time services for IPv6 DiffServ network using IXP-2400 intel network processor. , 2007, , .		0