

Kashif Saleem

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.

97
papers

1,920
citations

19
h-index

41
g-index

111
ext. papers

2,482
ext. citations

4
avg, IF

5.32
L-index

#	Paper	IF	Citations
97	Mobile-health: A review of current state in 2015. <i>Journal of Biomedical Informatics</i> , 2015 , 56, 265-72	10.2	485
96	. <i>IEEE Access</i> , 2016 , 4, 1375-1384	3.5	196
95	An IoT-based mobile gateway for intelligent personal assistants on mobile health environments. <i>Journal of Network and Computer Applications</i> , 2016 , 71, 194-204	7.9	114
94	Towards energy-aware fog-enabled cloud of things for healthcare. <i>Computers and Electrical Engineering</i> , 2018 , 67, 58-69	4.3	72
93	. <i>IEEE Access</i> , 2018 , 6, 464-478	3.5	61
92	Multiple ECG Fiducial Points-Based Random Binary Sequence Generation for Securing Wireless Body Area Networks. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017 , 21, 655-663	7.2	49
91	Performance evaluation of a Fog-assisted IoT solution for e-Health applications. <i>Future Generation Computer Systems</i> , 2019 , 97, 379-386	7.5	47
90	Ideas and Challenges for Securing Wireless Implantable Medical Devices: A Review. <i>IEEE Sensors Journal</i> , 2017 , 17, 562-576	4	46
89	Cooperation strategies for vehicular delay-tolerant networks. <i>IEEE Communications Magazine</i> , 2015 , 53, 88-94	9.1	43
88	Intelligent Personal Assistants Based on Internet of Things Approaches. <i>IEEE Systems Journal</i> , 2018 , 12, 1793-1802	4.3	38
87	Empirical Studies of Bio-Inspired Self-Organized Secure Autonomous Routing Protocol. <i>IEEE Sensors Journal</i> , 2014 , 14, 2232-2239	4	37
86	Human-oriented design of secure Machine-to-Machine communication system for e-Healthcare society. <i>Computers in Human Behavior</i> , 2015 , 51, 977-985	7.7	33
85	Postpartum depression prediction through pregnancy data analysis for emotion-aware smart systems. <i>Information Fusion</i> , 2019 , 47, 23-31	16.7	32
84	Security and privacy based access control model for internet of connected vehicles. <i>Future Generation Computer Systems</i> , 2019 , 97, 687-696	7.5	29
83	Cybersecurity and privacy issues for socially integrated mobile healthcare applications operating in a multi-cloud environment. <i>Health Informatics Journal</i> , 2019 , 25, 315-329	3	23
82	Design and deployment challenges in immersive and wearable technologies. <i>Behaviour and Information Technology</i> , 2017 , 36, 687-698	2.4	22
81	A Survey of Authentication Schemes in Telecare Medicine Information Systems. <i>Journal of Medical Systems</i> , 2017 , 41, 14	5.1	22

80	Energy efficient strategy for throughput improvement in wireless sensor networks. <i>Sensors</i> , 2015 , 15, 2473-95	3.8	21
79	On resilience of Wireless Mesh routing protocol against DoS attacks in IoT-based ambient assisted living applications 2015 ,		19
78	A survey on energy estimation and power modeling schemes for smartphone applications. <i>International Journal of Communication Systems</i> , 2017 , 30, e3234	1.7	18
77	Assessing routing strategies for cognitive radio sensor networks. <i>Sensors</i> , 2013 , 13, 13005-38	3.8	17
76	Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry. <i>IEEE Access</i> , 2018 , 6, 19140-19150	3.9	16
75	LOADng-IoT: An Enhanced Routing Protocol for Internet of Things Applications over Low Power Networks. <i>Sensors</i> , 2019 , 19,	3.8	16
74	Finding Healthcare Issues with Search Engine Queries and Social Network Data. <i>International Journal on Semantic Web and Information Systems</i> , 2017 , 13, 48-62	1.4	15
73	Secure sensors data acquisition and communication protection in eHealthcare: Review on the state of the art. <i>Telematics and Informatics</i> , 2018 , 35, 702-726	8.1	15
72	M4DN.IoT-A Networks and Devices Management Platform for Internet of Things. <i>IEEE Access</i> , 2019 , 7, 53305-53313	3.5	14
71	A Hierarchical Model to Evaluate the Quality of Web-Based E-Learning Systems. <i>Sustainability</i> , 2020 , 12, 4071	3.6	14
70	Reliability analysis of healthcare information systems: State of the art and future directions 2015 ,		13
69	Cost-Effective Encryption-Based Autonomous Routing Protocol for Efficient and Secure Wireless Sensor Networks. <i>Sensors</i> , 2016 , 16, 460	3.8	13
68	Improving the Performance of LOADng Routing Protocol in Mobile IoT Scenarios. <i>IEEE Access</i> , 2019 , 7, 107032-107046	3.5	12
67	A preeclampsia diagnosis approach using Bayesian networks 2016 ,		12
66	Security for Cyber-Physical Systems in Healthcare 2017 , 233-251		11
65	A Lightweight Key Freshness Scheme for Wireless Sensor Networks 2015 ,		11
64	Automated electronic approaches for detecting disease vectors mosquitoes through the wing-beat frequency. <i>Journal of Cleaner Production</i> , 2019 , 217, 767-775	10.3	10
63	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	1.9	10

62	Efficient low cost supervisory system for Internet of Things enabled smart home 2017 ,		10
61	Enhanced Ant Colony algorithm for self-optimized data assured routing in wireless sensor networks 2012 ,		10
60	. <i>IEEE Access</i> , 2020 , 8, 229152-229160	3.5	10
59	An Intelligent Information Security Mechanism for the Network Layer of WSN: BIOSARP. <i>Lecture Notes in Computer Science</i> , 2011 , 118-126	0.9	10
58	Machine learning and decision support system on credit scoring. <i>Neural Computing and Applications</i> , 2020 , 32, 9809-9826	4.8	10
57	A mutual exclusion algorithm for flying Ad Hoc networks. <i>Computers and Electrical Engineering</i> , 2019 , 76, 82-93	4.3	9
56	Intrusion Detection System against Sink Hole Attack in Wireless Sensor Networks with Mobile Sink 2015 ,		9
55	Secure transfer of environmental data to enhance human decision accuracy. <i>Computers in Human Behavior</i> , 2015 , 51, 632-639	7.7	9
54	Low delay and secure M2M communication mechanism for eHealthcare 2014 ,		9
53	An empirical study on acceptance of secure healthcare service in Malaysia, Pakistan, and Saudi Arabia: a mobile cloud computing perspective. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2017 , 72, 253-264	2	8
52	Survey on cybersecurity issues in wireless mesh networks based eHealthcare 2016 ,		8
51	Predicting hypertensive disorders in high-risk pregnancy using the random forest approach 2017 ,		8
50	2015 ,		8
49	Analyzing ant colony optimization based routing protocol against the hole problem for enhancing user's connectivity experience. <i>Computers in Human Behavior</i> , 2015 , 51, 1340-1350	7.7	8
48	An inference mechanism using Bayes-based classifiers in pregnancy care 2016 ,		8
47	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 ¹⁷		8
46	Analysis of the Scalability and Stability of an ACO Based Routing Protocol for Wireless Sensor Networks 2015 ,		7
45	Smart mobile system for pregnancy care using body sensors 2016 ,		7

44	Biological inspired self-optimized routing algorithm for wireless sensor networks 2009 ,		7
43	Smart Food Security System Using IoT and Big Data Analytics. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 253-258	0.4	6
42	Data Warehousing Based Computer Forensics Investigation Framework 2015 ,		6
41	Performance evaluation of LOADng routing protocol in IoT P2P and MP2P applications 2016 ,		6
40	MARC: A Novel Framework for Detecting MITM Attacks in eHealthcare BLE Systems. <i>Journal of Medical Systems</i> , 2019 , 43, 324	5.1	6
39	Efficient Random Key Based Encryption System for Data Packet Confidentiality in WSNs 2013 ,		6
38	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	6
37	Analysis of Denial of Service Impact on Data Routing in Mobile eHealth Wireless Mesh Network. <i>Mobile Information Systems</i> , 2016 , 2016, 1-19	1.4	6
36	Performance Evaluation of Predictive Classifiers for Pregnancy Care 2016 ,		6
35	A lightweight cyber security framework with context-awareness for pervasive computing environments. <i>Sustainable Cities and Society</i> , 2021 , 66, 102610	10.1	6
34	PSSCC: Provably secure communication framework for crowdsourced industrial Internet of Things environments. <i>Software - Practice and Experience</i> , 2020 ,	2.5	5
33	A composite routing metric for wireless sensor networks in AAL-IoT 2016 ,		5
32	AZSPM: Autonomic Zero-Knowledge Security Provisioning Model for Medical Control Systems in Fog Computing Environments 2017 ,		5
31	Self-optimized autonomous routing protocol for wireless sensor networks with cross layer architecture 2009 ,		5
30	A Survey of Distributed Certificate Authorities in MANETs. <i>Annals of Emerging Technologies in Computing</i> , 2018 , 2, 11-18	1.2	5
29	2016 ,		5
28	Subjective logic-based trust model for fog computing. <i>Computer Communications</i> , 2021 , 178, 221-233	5.1	5
27	. <i>IEEE Access</i> , 2018 , 6, 16363-16376	3.5	4

26	Cloud of Things for Healthcare: A Survey from Energy Efficiency Perspective 2019 ,		4
25	A bio-inspired secure IPv6 communication protocol for Internet of Things 2017 ,		4
24	Energy efficient information assured routing based on hybrid optimization algorithm for WSNs 2013 ,		4
23	AUTHENTICATION OF FINGERPRINT BIOMETRICS ACQUIRED USING A CELLPHONE CAMERA: A REVIEW. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2013 , 11, 1350033 ^{0.9}		4
22	Proposed Nature Inspired Self-Organized Secure Autonomous Mechanism for WSNs 2009 ,		4
21	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3869-3879	6.1	4
20	Internet of things mobile gateway services for intelligent personal assistants 2015 ,		3
19	Cross layer based biological inspired self-organized routing protocol for wireless sensor network 2009 ,		3
18	A Review of Secure Routing Approaches for Current and Next-Generation Wireless Multimedia Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 2015, 1-22	1.7	3
17	Introduction to the Special Issue on Communication, Computing, and Networking in Cyber-Physical Systems. <i>Scalable Computing</i> , 2017 , 18,	2.4	3
16	Benefits of Establishing Makerspaces in Distributed Development Environment. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 621-625	0.4	3
15	A microservice recommendation mechanism based on mobile architecture. <i>Journal of Network and Computer Applications</i> , 2020 , 152, 102510	7.9	3
14	Computational Learning Approaches for Personalized Pregnancy Care. <i>IEEE Network</i> , 2020 , 34, 106-111	11.4	2
13	Cross layer error-control scheme for video quality support over 802.11b wireless LAN 2009 ,		2
12	Misty cloudsA layered cloud platform for online user anonymity in Social Internet of Things. <i>Future Generation Computer Systems</i> , 2019 , 92, 812-820	7.5	2
11	Forensic Analysis of LinkedIn Desktop Application on Windows 10 OS. <i>Advances in Intelligent Systems and Computing</i> , 2019 , 57-62	0.4	1
10	Leveraging adjusted user behavior in the detection and prevention of outgoing malicious SMSs in Android devices. <i>Computers in Human Behavior</i> , 2016 , 59, 9-17	7.7	1
9	Third line of defense strategy to fight against SMS-based malware in android smartphones 2014 ,		1

8	A real-time empirical study of BIOSARP based wireless sensor network testbed 2012 ,	1
7	A Mobile Health System to Empower Healthcare Services in Remote Regions 2019 ,	1
6	Classification Methods Applied to Credit Scoring With Collateral. <i>IEEE Systems Journal</i> , 2020 , 14, 4557-4566	1
5	A Framework to Determine Applications' Authenticity. <i>Procedia Computer Science</i> , 2019 , 155, 268-275	1.6 0
4	Preventive Policy Enforcement with Minimum User Intervention Against SMS Malware in Android Devices. <i>Arabian Journal for Science and Engineering</i> , 2016 , 41, 479-493	
3	CARPM: Cross Layer Ant Based Routing Protocol for Wireless Multimedia Sensor Network. <i>Lecture Notes in Computer Science</i> , 2015 , 83-94	0.9
2	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
1	Corrections to Risk Analysis of Cloud Sourcing in Healthcare and Public Health Industry <i>IEEE Access</i> , 2021 , 9, 79628-79628	3.5