

# Wazir Zada Khan

## List of Publications by Year in descending order

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Version: 2024-02-01

81  
papers

3,551  
citations

236925

25  
h-index

161849

54  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3318  
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge computing: A survey. Future Generation Computer Systems, 2019, 97, 219-235.	7.5	634
2	Mobile Phone Sensing Systems: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 402-427.	39.4	464
3	Industrial internet of things: Recent advances, enabling technologies and open challenges. Computers and Electrical Engineering, 2020, 81, 106522.	4.8	289
4	Unmanned Aerial Vehicles in Smart Agriculture: Applications, Requirements, and Challenges. IEEE Sensors Journal, 2021, 21, 17608-17619.	4.7	243
5	An ensemble machine learning approach through effective feature extraction to classify fake news. Future Generation Computer Systems, 2021, 117, 47-58.	7.5	213
6	Securing Smart Cities through Blockchain Technology: Architecture, Requirements, and Challenges. IEEE Network, 2020, 34, 8-14.	6.9	141
7	Wireless Sensor Networks in oil and gas industry: Recent advances, taxonomy, requirements, and open challenges. Journal of Network and Computer Applications, 2018, 113, 87-97.	9.1	111
8	A Systematic Review on Clone Node Detection in Static Wireless Sensor Networks. IEEE Access, 2020, 8, 65450-65461.	4.2	99
9	A reliable Internet of Things based architecture for oil and gas industry. , 2017, , .		71
10	Have You Been a Victim of COVID-19-Related Cyber Incidents? Survey, Taxonomy, and Mitigation Strategies. IEEE Access, 2020, 8, 124134-124144.	4.2	67
11	A deep neural networks based model for uninterrupted marine environment monitoring. Computer Communications, 2020, 157, 64-75.	5.1	65
12	<scp>Sentia€eSystem</scp>: A sentimentâ€based <scp>eSystem</scp>â€using hybridized fuzzy and deep neural network for measuring customer satisfaction. Software - Practice and Experience, 2021, 51, 571-594.	3.6	65
13	Exact String Matching Algorithms: Survey, Issues, and Future Research Directions. IEEE Access, 2019, 7, 69614-69637.	4.2	64
14	Detecting Human Driver Inattentive and Aggressive Driving Behavior Using Deep Learning: Recent Advances, Requirements and Open Challenges. IEEE Access, 2020, 8, 105008-105030.	4.2	54
15	Blockchain-based Initiatives: Current state and challenges. Computer Networks, 2021, 198, 108395.	5.1	49
16	Towards Real-Time Energy Management of Multi-Microgrid Using a Deep Convolution Neural Network and Cooperative Game Approach. IEEE Access, 2020, 8, 161377-161395.	4.2	45
17	Industrial Wastewater Management using Blockchain Technology: Architecture, Requirements, and Future Directions. IEEE Internet of Things Magazine, 2020, 3, 38-43.	2.6	45
18	A context-aware privacy-preserving method for IoT-based smart city using Software Defined Networking. Computers and Security, 2019, 87, 101470.	6.0	44

#	ARTICLE	IF	CITATIONS
19	Trust Management in Social Internet of Things: Architectures, Recent Advancements, and Future Challenges. IEEE Internet of Things Journal, 2021, 8, 7768-7788.	8.7	40
20	Detection and Mitigation of Node Replication Attacks in Wireless Sensor Networks: A Survey. International Journal of Distributed Sensor Networks, 2013, 9, 149023.	2.2	37
21	A Comprehensive Study of Email Spam Botnet Detection. IEEE Communications Surveys and Tutorials, 2015, 17, 2271-2295.	39.4	36
22	Void Hole Avoidance for Reliable Data Delivery in IoT Enabled Underwater Wireless Sensor Networks. Sensors, 2018, 18, 3271.	3.8	36
23	Data and Privacy: Getting Consumers to Trust Products Enabled by the Internet of Things. IEEE Consumer Electronics Magazine, 2019, 8, 35-38.	2.3	36
24	Blockchain-Based Energy Trading and Load Balancing Using Contract Theory and Reputation in a Smart Community. IEEE Access, 2020, 8, 222168-222186.	4.2	35
25	Communal Acts of IoT Consumers: A Potential Threat to Security and Privacy. IEEE Transactions on Consumer Electronics, 2019, 65, 64-72.	3.6	32
26	An automated vehicle parking monitoring and management system using ANPR cameras. , 2015, , .		30
27	When social objects collaborate: Concepts, processing elements, attacks and challenges. Computers and Electrical Engineering, 2017, 58, 397-411.	4.8	27
28	An intelligent oil and gas well monitoring system based on Internet of Things. , 2017, , .		25
29	A Framework for Edge-Assisted Healthcare Data Analytics using Federated Learning. , 2020, , .		25
30	Antlion re-sampling based deep neural network model for classification of imbalanced multimodal stroke dataset. Multimedia Tools and Applications, 2022, 81, 41429-41453.	3.9	24
31	Enabling Consumer Trust Upon Acceptance of IoT Technologies Through Security and Privacy Model. Lecture Notes in Electrical Engineering, 2016, , 111-117.	0.4	22
32	Distributed Clone Detection in Static Wireless Sensor Networks: Random Walk with Network Division. PLoS ONE, 2015, 10, e0123069.	2.5	20
33	Avoiding Void Holes and Collisions with Reliable and Interference-Aware Routing in Underwater WSNs. Sensors, 2018, 18, 3038.	3.8	20
34	The Selective Forwarding Attack in Sensor Networks: Detections and Countermeasures. International Journal of Wireless and Microwave Technologies, 2012, 2, 33-44.	1.0	20
35	An overview of evaluation metrics for routing protocols in wireless sensor networks. , 2012, , .		19
36	Oil and Gas monitoring using Wireless Sensor Networks: Requirements, issues and challenges. , 2016, , .		17

#	ARTICLE	IF	CITATIONS
37	Recent advances in blockchain technology: a survey on applications and challenges. International Journal of Ad Hoc and Ubiquitous Computing, 2021, 38, 82.	0.5	17
38	A New Random Walk for Replica Detection in WSNs. PLoS ONE, 2016, 11, e0158072.	2.5	16
39	Blockchain Based Enhanced ERP Transaction Integrity Architecture and PoET Consensus. Computers, Materials and Continua, 2022, 70, 1089-1109.	1.9	16
40	Detecting and Mitigating the Dissemination of Fake News: Challenges and Future Research Opportunities. IEEE Transactions on Computational Social Systems, 2024, , 1-14.	4.4	16
41	Scrutinising well-known countermeasures against clone node attack in mobile wireless sensor networks. International Journal of Grid and Utility Computing, 2013, 4, 119.	0.2	15
42	Detecting replicated nodes in Wireless Sensor Networks using random walks and network division. , 2014, , .		14
43	Five acts of consumer behavior: A potential security and privacy threat to Internet of Things. , 2018, , .		14
44	A cost analysis framework for claimer reporter witness based clone detection schemes in WSNs. Journal of Network and Computer Applications, 2016, 63, 68-85.	9.1	13
45	Electricity Load Forecasting in Smart Grids Using Support Vector Machine. Advances in Intelligent Systems and Computing, 2020, , 1-13.	0.6	13
46	A Reliable Public Safety Framework for Industrial Internet of Things (IIoT). , 2020, , .		11
47	Linear Discriminant Analysis-Based Dynamic Indoor Localization Using Bluetooth Low Energy (BLE). Sustainability, 2020, 12, 10627.	3.2	10
48	HSDDD: A Hybrid Scheme for the Detection of Distracted Driving through Fusion of Deep Learning and Handcrafted Features. Sensors, 2022, 22, 1864.	3.8	10
49	CampusSense "A smart vehicle parking monitoring and management system using ANPR cameras and android phones. , 2017, , .		9
50	Propagation of Fake News on Social Media: Challenges and Opportunities. Lecture Notes in Computer Science, 2020, , 345-353.	1.3	9
51	Monitoring gas and oil fields with reliable wireless sensing and Internet of Things. , 2017, , .		8
52	An Efficient CNN and KNN Data Analytics for Electricity Load Forecasting in the Smart Grid. Advances in Intelligent Systems and Computing, 2019, , 592-603.	0.6	7
53	Enhanced and Lock-Free Tendermint Blockchain Protocol. , 2019, , .		7
54	Mobile RFID in Internet of Things: Security attacks, privacy risks, and countermeasures. , 2016, , .		6

#	ARTICLE	IF	CITATIONS
55	Digital Hadith authentication: Recent advances, open challenges, and future directions. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3977.	3.9	6
56	Blockchain-based green big data visualization: BGV. Complex & Intelligent Systems, 2022, 8, 3707-3718.	6.5	6
57	A survey on android security: development and deployment hindrance and best practices. Telkomnika (Telecommunication Computing Electronics and Control), 2020, 18, 485.	0.8	6
58	[COMSCAN]. , 2009, , .		5
59	Well-Organized Bully Leader Election Algorithm for Distributed System. , 2018, , .		5
60	Survey on Internet of Things and 4G. , 2019, , .		5
61	Aircraft Classification Based on PCA and Feature Fusion Techniques in Convolutional Neural Network. IEEE Access, 2021, 9, 161683-161694.	4.2	5
62	Error detection of malicious user attack in cognitive radio networks. , 2017, , .		4
63	Position Vectors Based Efficient Indoor Positioning System. Computers, Materials and Continua, 2021, 67, 1781-1799.	1.9	4
64	Extended Kalman Filter-Based Power Line Interference Canceller for Electrocardiogram Signal. Big Data, 2022, 10, 34-53.	3.4	4
65	Digital Labels: Influencing Consumers Trust and Raising Cybersecurity Awareness for Adopting Autonomous Vehicles. , 2021, , .		4
66	A three-dimensional clustered peer-to-peer overlay protocol for mobile ad hoc networks. Computers and Electrical Engineering, 2021, 94, 107364.	4.8	3
67	System-Level Performance Analysis of Cooperative Multiple Unmanned Aerial Vehicles for Wildfire Surveillance Using Agent-Based Modeling. Sustainability, 2022, 14, 5927.	3.2	3
68	Detecting clones in wireless sensor networks using Single Stage Memory Random Walk with Network Division. , 2014, , .		2
69	Thin Client Technology for Higher Education at Universities of Saudi Arabia: Implementation, Challenges and Lesson Learned. , 2017, , .		2
70	Enhanced Fingerprinting Based Indoor Positioning Using Machine Learning. Computers, Materials and Continua, 2021, 69, 1631-1652.	1.9	2
71	Secure & robust RED (SR-RED). , 2013, , .		1
72	Detecting clones in wireless sensor networks using constrained random walk. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
73	Internet of Things based Physical and Environmental Monitoring System for Data Centers. , 2018, , .		1
74	Editorial of cross-layer design issues, challenges and opportunities for future intelligent heterogeneous networks. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 4207-4208.	4.9	1
75	Evaluation of Natural Language Software Interfaces to Databases. Intelligent Automation and Soft Computing, 2022, 32, 285-299.	2.1	1
76	Personalized Information Retrieval from Friendship Strength of Social Media Comments. Intelligent Automation and Soft Computing, 2022, 32, 15-30.	2.1	1
77	Ethical Aspects of Internet of Things from Islamic Perspective. , 2017, , .		0
78	Malicious User Attack in Cognitive Radio Networks. Telkomnika (Telecommunication Computing) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 .	0.8	0
79	Content Integrity Techniques for Digital Quran. , 2020, , .		0
80	Performance Comparison of Qurâ€™anic Search Engines. , 2020, , .		0
81	Error rate detection due to primary user emulation attack in cognitive radio networks. International Journal of Electrical and Computer Engineering, 2020, 10, 5385.	0.7	0