

# Afaq Muhammad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1762357/publications.pdf>

Version: 2024-02-01

27  
papers

545  
citations

1040056

9  
h-index

1058476

14  
g-index

27  
all docs

27  
docs citations

27  
times ranked

385  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Blockchain and Machine Learning-Based Drug Supply Chain Management and Recommendation System for Smart Pharmaceutical Industry. Electronics (Switzerland), 2020, 9, 852.	3.1	149
2	SD-IoV: SDN enabled routing for internet of vehicles in road-aware approach. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 1265-1280.	4.9	69
3	Slicing the Core Network and Radio Access Network Domains through Intent-Based Networking for 5G Networks. Electronics (Switzerland), 2020, 9, 1710.	3.1	45
4	Network Slice Lifecycle Management for 5G Mobile Networks: An Intent-Based Networking Approach. IEEE Access, 2021, 9, 80128-80146.	4.2	44
5	Intent-Based End-to-End Network Service Orchestration System for Multi-Platforms. Sustainability, 2020, 12, 2782.	3.2	37
6	Towards 5G network slicing for vehicular ad-hoc networks: An end-to-end approach. Computer Communications, 2020, 149, 252-258.	5.1	32
7	An efficient SDN-based LTE-WiFi spectrum aggregation system for heterogeneous 5G networks. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3943.	3.9	27
8	An adaptive approach to vehicle trajectory prediction using multimodel Kalman filter. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3734.	3.9	21
9	Road-Aware Estimation Model for Path Duration in Internet of Vehicles (IoV). Wireless Personal Communications, 2019, 109, 715-738.	2.7	20
10	Intent-Based Orchestration of Network Slices and Resource Assurance using Machine Learning. , 2020, , ,		17
11	IBNSlicing: Intent-Based Network Slicing Framework for 5G Networks using Deep Learning. , 2020, , ,		15
12	Visualization of elephant flows and QoS provisioning in SDN-based networks. , 2015, , ,		14
13	Intent-based networking with proactive load distribution in data center using IBN manager and Smart Path manager. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 4855-4872.	4.9	13
14	Network Data Analytics Function for IBN-based Network Slice Lifecycle Management. , 2021, , ,		8
15	Service Function Chaining and Traffic Steering in SDN using Graph Neural Network. , 2020, , ,		7
16	Ensemble Learning-based Network Data Analytics for Network Slice Orchestration and Management: An Intent-Based Networking Mechanism. , 2022, , ,		7
17	Spatio-temporal sEMG image enhancement and motor unit action potential (MUAP) detection: algorithms and their analysis. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3809-3819.	4.9	5
18	Performance analysis of vertical handover techniques based on IEEE 802.21: Media independent handover standard. Transactions on Emerging Telecommunications Technologies, 2021, 32, e3695.	3.9	5

#	ARTICLE	IF	CITATIONS
19	A two-relay asymmetric diamond cooperative diversity system over Rayleigh fading channels. , 2014, , .		3
20	Towards the automatic segmentation of HEp-2 cells in indirect immunofluorescence images using an efficient filtering based approach. Multimedia Tools and Applications, 2020, 79, 34325-34337.	3.9	3
21	An ML Based Anomaly Detection System in real-time data streams. , 2021, , .		2
22	Designing and implementation of energy-efficient wireless photovoltaic monitoring system. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3685.	3.9	1
23	Mobility Performance Enhancement in Small Cells Cluster of 5G Network: A Handover Overhead Reduction Approach. , 2020, , .		1
24	sFlow-based resource utilization monitoring in clouds. , 2016, , .		0
25	Energy loss prediction in nonoriented materials using machine learning techniques: A novel approach. Transactions on Emerging Telecommunications Technologies, 2022, 33, e3797.	3.9	0
26	A Road-aware Approach for Hierarchical Routing in IoV based on Intents and Q-values. , 2021, , .		0
27	Machine Learning-based Cache Optimization on MEC Platform. , 2021, , .		0