Muhammad Shuaib Siddiqui

List of Publications by Year
in descending order

24 papers	299 citations	1163117 8 h-index	1281871 11 g-index
28 all docs	28 docs citations	28 times ranked	377 citing authors

#	Article	IF	Citations
1	Deploying a Novel 5G-Enabled Architecture on City Infrastructure for Ultra-High Definition and Immersive Media Production and Broadcasting. IEEE Transactions on Broadcasting, 2019, 65, 392-403.	3.2	36
2	DevOps for network function virtualisation: an architectural approach. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1206-1215.	3.9	35
3	On the Need of Joint Bandwidth and NFV Resource Orchestration: A Realistic 5G Access Network Use Case. IEEE Communications Letters, 2018, 22, 145-148.	4.1	27
4	AI-driven Zero-touch Operations, Security and Trust in Multi-operator 5G Networks: a Conceptual Architecture. , 2020, , .		23
5	On 5G network slice modelling: Service-, resource-, or deployment-driven?. Computer Communications, 2020, 149, 232-240.	5.1	19
6	A Genetic Algorithm for VNF Provisioning in NFV-Enabled Cloud/MEC RAN Architectures. Applied Sciences (Switzerland), 2018, 8, 2614.	2.5	18
7	Network Slicing-aware NFV Orchestration for 5G Service Platforms. , 2019, , .		18
8	Assessment of socio-techno-economic factors affecting the market adoption and evolution of 5G networks: Evidence from the 5G-PPP CHARISMA project. Telematics and Informatics, 2017, 34, 572-589.	5.8	17
9	Identity and Access Control for micro-services based 5G NFV platforms. , 2018, , .		14
10	Hierarchical, virtualised and distributed intelligence 5G architecture for low†latency and secure applications. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1233-1241.	3.9	13
11	Dynamic QoS/QoE assurance in realistic NFV-enabled 5G Access Networks. , 2017, , .		11
12	5G City: A Novel 5G-Enabled Architecture for Ultra-High Definition and Immersive Media on City Infrastructure. , 2018, , .		10
13	SLA Management Procedures in 5G Slicing-based Systems. , 2020, , .		10
14	Design of a Security and Trust Framework for 5G Multi-domain Scenarios. Journal of Network and Systems Management, 2022, 30, 1.	4.9	9
15	Validating a 5G-Enabled Neutral Host Framework in City-Wide Deployments. Sensors, 2021, 21, 8103.	3.8	9
16	SDN/NFV based caching solution for future mobile network (5G). , 2017, , .		7
17	Leading innovations towards 5G: Europe's perspective in 5G infrastructure public-private partnership (5G-PPP). , 2017, , .		6
18	Are 5G Networks and the Neutral Host Model the Solution to the Shrinking Telecom Market. IFIP Advances in Information and Communication Technology, 2018, , 70-77.	0.7	5

#	Article	IF	Citations
19	An SDN-Based Solution for Horizontal Auto-Scaling and Load Balancing of Transparent VNF Clusters. Sensors, 2021, 21, 8283.	3.8	5
20	Service Specific Management and Orchestration for a Content Delivery Network. , 2018, , .		2
21	Techno Economic Assessment of Immersive Video Services in 5G Converged Optical/Wireless Networks. , 2018, , .		2
22	Devops based service orchestration in 5G virtualised networks - SONATA project demo. , 2017, , .		1
23	Service orchestration leveraging software networks and DevOps in 5G. , 2017, , .		1
24	Virtualized Dynamic transcoding service for adaptive streaming video over HTTP in 5G systems. , 2018, , .		1