

# Muhammad Shuaib Siddiqui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6346919/publications.pdf>

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24  
papers

299  
citations

1163117

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1281871

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g-index

28  
all docs

28  
docs citations

28  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of a Security and Trust Framework for 5G Multi-domain Scenarios. Journal of Network and Systems Management, 2022, 30, 1.	4.9	9
2	Validating a 5G-Enabled Neutral Host Framework in City-Wide Deployments. Sensors, 2021, 21, 8103.	3.8	9
3	An SDN-Based Solution for Horizontal Auto-Scaling and Load Balancing of Transparent VNF Clusters. Sensors, 2021, 21, 8283.	3.8	5
4	On 5G network slice modelling: Service-, resource-, or deployment-driven?. Computer Communications, 2020, 149, 232-240.	5.1	19
5	AI-driven Zero-touch Operations, Security and Trust in Multi-operator 5G Networks: a Conceptual Architecture. , 2020, , .		23
6	SLA Management Procedures in 5G Slicing-based Systems. , 2020, , .		10
7	Network Slicing-aware NFV Orchestration for 5G Service Platforms. , 2019, , .		18
8	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
9	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
10	A Genetic Algorithm for VNF Provisioning in NFV-Enabled Cloud/MEC RAN Architectures. Applied Sciences (Switzerland), 2018, 8, 2614.	2.5	18
11	Virtualized Dynamic transcoding service for adaptive streaming video over HTTP in 5G systems. , 2018, , .		1
12	Service Specific Management and Orchestration for a Content Delivery Network. , 2018, , .		2
13	Identity and Access Control for micro-services based 5G NFV platforms. , 2018, , .		14
14	5G City: A Novel 5G-Enabled Architecture for Ultra-High Definition and Immersive Media on City Infrastructure. , 2018, , .		10
15	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
16	Techno Economic Assessment of Immersive Video Services in 5G Converged Optical/Wireless Networks. , 2018, , .		2
17	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
18	Devops based service orchestration in 5G virtualised networks - SONATA project demo. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	SDN/NFV based caching solution for future mobile network (5G). , 2017, , .		7
20	Service orchestration leveraging software networks and DevOps in 5G. , 2017, , .		1
21	Leading innovations towards 5G: Europe's perspective in 5G infrastructure public-private partnership (5G-PPP). , 2017, , .		6
22	Dynamic QoS/QoE assurance in realistic NFV-enabled 5G Access Networks. , 2017, , .		11
23	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
24	DevOps for network function virtualisation: an architectural approach. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1206-1215.	3.9	35