

Murat Karakus

List of Publications by Year in descending order

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17
papers

695
citations

1683934

5
h-index

2053595

5
g-index

17
all docs

17
docs citations

17
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	QoSChain: Provisioning Inter-AS QoS in Software-Defined Networks With Blockchain. IEEE Transactions on Network and Service Management, 2021, 18, 1706-1717.	3.2	11
2	RoutingChain: A Proof-of-Concept Model for a Blockchain-Enabled QoS-Based Inter-AS Routing in SDN. , 2020, , .		5
3	Economic Analysis of Software Defined Networking (SDN) Under Various Network Failure Scenarios. , 2019, , .		3
4	An economic framework for analysis of network architectures: SDN and MPLS cases. Journal of Network and Computer Applications, 2019, 136, 132-146.	5.8	7
5	Economic Viability of Software Defined Networking (SDN). Computer Networks, 2018, 135, 81-95.	3.2	18
6	Economic Impact Analysis of Control Plane Architectures in Software Defined Networking (SDN). , 2018, , .		0
7	Service Cost in Software Defined Networking (SDN). , 2017, , .		4
8	Quality of Service (QoS) in Software Defined Networking (SDN): A survey. Journal of Network and Computer Applications, 2017, 80, 200-218.	5.8	286
9	A survey: Control plane scalability issues and approaches in Software-Defined Networking (SDN). Computer Networks, 2017, 112, 279-293.	3.2	270
10	A Scalability Metric for Control Planes in Software Defined Networks (SDNs). , 2016, , .		17
11	Economic Viability of QoS in Software Defined Networks (SDNs). , 2016, , .		3
12	A Scalable Inter-AS QoS Routing Architecture in Software Defined Network (SDN). , 2015, , .		21
13	Low-complexity 3D target tracking in Wireless Aerial Sensor Networks. , 2014, , .		7
14	Teaching computing and programming fundamentals via App Inventor for Android. , 2012, , .		15
15	Assessment of a frugal, virtual and green computing lab infrastructure of the future. , 2012, , .		3
16	Virtualized lab infrastructure on a budget for various computing and engineering courses. , 2012, , .		4
17	Implementing IT0/CS0 with scratch, app inventor for android, and lego mindstorms. , 2011, , .		21