Giuseppe Aceto

List of Publications by Year
in descending order

23 papers	2,087 citations	567281 15 h-index	996975 15 g-index
23 all docs	23 docs citations	23 times ranked	2017 citing authors

#	Article	IF	Citations
1	XAI Meets Mobile Traffic Classification: Understanding and Improving Multimodal Deep Learning Architectures. IEEE Transactions on Network and Service Management, 2021, 18, 4225-4246.	4.9	102
2	Characterization and Prediction of Mobile-App Traffic Using Markov Modeling. IEEE Transactions on Network and Service Management, 2021, 18, 907-925.	4.9	45
3	DISTILLER: Encrypted traffic classification via multimodal multitask deep learning. Journal of Network and Computer Applications, 2021, 183-184, 102985.	9.1	68
4	Encrypted Multitask Traffic Classification via Multimodal Deep Learning. , 2021, , .		2
5	Unveiling MIMETIC: Interpreting Deep Learning Traffic Classifiers via XAI Techniques. , 2021, , .		1
6	Packet-level prediction of mobile-app traffic using multitask Deep Learning. Computer Networks, 2021, 200, 108529.	5.1	20
7	Characterizing and Modeling Traffic of Communication and Collaboration Apps Bloomed With COVID-19 Outbreak. , 2021, , .		1
8	Mobile Network Traffic Prediction Using High Order Markov Chains Trained At Multiple Granularity. , 2021, , .		2
9	Classification of Communication and Collaboration Apps via Advanced Deep-Learning Approaches. , 2021, , .		6
10	Anonymity Services Tor, I2P, JonDonym: Classifying in the Dark (Web). IEEE Transactions on Dependable and Secure Computing, 2020, 17, 662-675.	5.4	62
11	Toward effective mobile encrypted traffic classification through deep learning. Neurocomputing, 2020, 409, 306-315.	5.9	90
12	Industry 4.0 and Health: Internet of Things, Big Data, and Cloud Computing for Healthcare 4.0. Journal of Industrial Information Integration, 2020, 18, 100129.	6.4	365
13	A Big Data-Enabled Hierarchical Framework for Traffic Classification. IEEE Transactions on Network Science and Engineering, 2020, 7, 2608-2619.	6.4	19
14	Know your Big Data Trade-offs when Classifying Encrypted Mobile Traffic with Deep Learning. , 2019, , .		28
15	MIMETIC: Mobile encrypted traffic classification using multimodal deep learning. Computer Networks, 2019, 165, 106944.	5.1	179
16	A Survey on Information and Communication Technologies for Industry 4.0: State-of-the-Art, Taxonomies, Perspectives, and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 3467-3501.	39.4	216
17	Mobile Encrypted Traffic Classification Using Deep Learning: Experimental Evaluation, Lessons Learned, and Challenges. IEEE Transactions on Network and Service Management, 2019, 16, 445-458.	4.9	333
18	MIRAGE: Mobile-app Traffic Capture and Ground-truth Creation. , 2019, , .		38

#	Article	IF	Citations
19	The role of Information and Communication Technologies in healthcare: taxonomies, perspectives, and challenges. Journal of Network and Computer Applications, 2018, 107, 125-154.	9.1	256
20	A comprehensive survey on internet outages. Journal of Network and Computer Applications, 2018, 113, 36-63.	9.1	47
21	Multi-classification approaches for classifying mobile app traffic. Journal of Network and Computer Applications, 2018, 103, 131-145.	9.1	140
22	Traffic Classification of Mobile Apps through Multi-Classification. , 2017, , .		19
23	Internet Censorship detection: A survey. Computer Networks, 2015, 83, 381-421.	5.1	48