

# Pedro Casas

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

617  
citations

1163117

8  
h-index

1281871

11  
g-index

23  
all docs

23  
docs citations

23  
times ranked

533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adaptive and Reinforcement Learning Approaches for Online Network Monitoring and Analysis. IEEE Transactions on Network and Service Management, 2021, 18, 1832-1849.	4.9	5
2	Content Matters: Clustering Web Pages for QoE Analysis With WebCLUST. IEEE Access, 2021, 9, 123873-123888.	4.2	4
3	ViCrypt to the Rescue: Real-Time, Machine-Learning-Driven Video-QoE Monitoring for Encrypted Streaming Traffic. IEEE Transactions on Network and Service Management, 2020, 17, 2007-2023.	4.9	29
4	Scoring High. , 2020, , .		2
5	A Survey on Big Data for Network Traffic Monitoring and Analysis. IEEE Transactions on Network and Service Management, 2019, 16, 800-813.	4.9	100
6	Considering User Behavior in the Quality of Experience Cycle: Towards Proactive QoE-Aware Traffic Management. IEEE Communications Letters, 2019, 23, 1145-1148.	4.1	25
7	Stream-based Machine Learning for Real-time QoE Analysis of Encrypted Video Streaming Traffic. , 2019, , .		35
8	A Fair Share for All: TCP-Inspired Adaptation Logic for QoE Fairness Among Heterogeneous HTTP Adaptive Video Streaming Clients. IEEE Transactions on Network and Service Management, 2019, 16, 475-488.	4.9	9
9	ADAM & RAL: Adaptive Memory Learning and Reinforcement Active Learning for Network Monitoring. , 2019, , .		2
10	Ensemble-learning Approaches for Network Security and Anomaly Detection. , 2017, , .		60
11	GML learning, a generic machine learning model for network measurements analysis. , 2017, , .		16
12	Grasping Popular Applications in Cellular Networks With Big Data Analytics Platforms. IEEE Transactions on Network and Service Management, 2016, 13, 681-695.	4.9	8
13	Online Social Networks anatomy: On the analysis of Facebook and WhatsApp in cellular networks. , 2015, , .		10
14	Vivisecting WhatsApp in Cellular Networks: Servers, Flows, and Quality of Experience. Lecture Notes in Computer Science, 2015, , 49-63.	1.3	17
15	Vivisecting whatsapp through large-scale measurements in mobile networks. Computer Communication Review, 2015, 44, 133-134.	1.8	15
16	Large-scale network traffic monitoring with DBStream, a system for rolling big data analysis. , 2014, , .		38
17	YouTube in the move: Understanding the performance of YouTube in cellular networks. , 2014, , .		11
18	DBStream: An online aggregation, filtering and processing system for network traffic monitoring. , 2014, , .		17

#	ARTICLE	IF	CITATIONS
19	Characterizing web services provisioning via CDNs: The case of Facebook. , 2014, , .		8
20	Quality of Experience in Cloud services: Survey and measurements. Computer Networks, 2014, 68, 149-165.	5.1	86
21	IP mining: Extracting knowledge from the dynamics of the Internet addressing space. , 2013, , .		18
22	YOUQMON. Performance Evaluation Review, 2013, 41, 44-46.	0.6	79
23	HTTPtag: a flexible on-line HTTP classification system for operational 3g networks. , 2013, , .		23