Rui Valadas

List of Publications by Year
in descending order

31 papers	**315** citations	1478505 **6** h-index	1281871 **11** g-index
32 all docs	**32** docs citations	**32** times ranked	**237** citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale Fitting Procedure Using Markov Modulated Poisson Processes. Telecommunication Systems, 2003, 23, 123-148.	2.5	104
2	Robust feature selection and robust PCA for internet traffic anomaly detection. , 2012, , .		57
3	Modeling IP traffic: joint characterization of packet arrivals and packet sizes using BMAPs. Computer Networks, 2004, 44, 335-352.	5.1	56
4	Framework for Zombie Detection Using Neural Networks. , 2009, , .		21
5	Modeling Network Traffic with Multifractal Behavior. Telecommunication Systems, 2003, 24, 339-362.	2.5	11
6	Markovian Modelling of Internet Traffic. Lecture Notes in Computer Science, 2011, , 98-124.	1.3	10
7	IP-based access networks for broadband multimedia services. , 2003, 41, 146-154.		9
8	Modeling Self-similar Traffic through Markov Modulated Poisson Processes over Multiple Time Scales. Lecture Notes in Computer Science, 2003, , 550-560.	1.3	6
9	Accurate estimation of capacities and cross-traffic of all links in a path using ICMP timestamps. Telecommunication Systems, 2006, 33, 89-115.	2.5	6
10	Identification of Peer-to-Peer Applications' Flow Patterns. , 2008, , .		5
11	Do we need a perfect ground-truth for benchmarking Internet traffic classifiers?. , 2015, , .		4
12	Joint characterization of the packet arrival and packet size processes of multifractal traffic based on stochastic L-systems. Teletraffic Science and Engineering, 2003, , 561-570.	0.4	3
13	Modeling self-similar traffic over multiple time scales based on hierarchical Markovian and L-System models. Computer Communications, 2010, 33, S3-S10.	5.1	3
14	Markovian approach for modeling IP traffic behavior on several time scales. , 2003, , .		2
15	Framework based on stochastic L-Systems for modeling IP traffic with multifractal behavior. , 2003, , .		2
16	Framework based on stochastic L-Systems for modeling IP traffic with multifractal behavior. Computer Communications, 2004, 27, 1799-1811.	5.1	2
17	Local Area Network Modeling for Performance Prediction. , 2007, , .		2
18	Identifying differentiating characteristics of internet applications using Principal Component Analysis. , 2008, , .		2

#	Article	IF	Citations
19	Predicting QoS Characteristics on Wireless Networks. , 2007, , .		1
20	Just-in-time with enhanced fairness (JITef). , 2014, , .		1
21	FairWLAN â€" IP Level QoS Mechanism for Large Wireless LANs. Procedia Technology, 2014, 17, 705-712.	1.1	1
22	Experimental evaluation of FairWLAN. , 2014, , .		1
23	Performance of Hierarchical Aggregation in Differentiated Services Networks. Telecommunication Systems, 2004, 27, 47-66.	2.5	0
24	Multi-time-Scale Traffic Modeling Using Markovian and L-Systems Models. Lecture Notes in Computer Science, 2004, , 297-306.	1.3	0
25	Decomposition of network flows with applications to cluster analysis of internet access traffic. , 0, , .		0
26	Joint Modeling of MANET Characteristics for QoS Prediction. Proceedings - International Symposium on Computers and Communications, 2007, , .	0.0	0
27	Stability of flow features for the identification of Internet applications. , 2014, , .		0
28	A peer-to-peer system for large scale traffic measurements. , 2014, , .		0
29	Agent-based platform for continuous measurement of Internet access quality of service. , 2014, , .		0
30	Anomaly detection of Internet traffic using robust feature selection based on kernel density estimation. , 2015, , .		0
31	Modeling IP Traffic Behavior through Markovian Models. , 2008, , 305-315.		0