Paulo Salvador

List of Publications by Year
in descending order

79 papers	509 citations	1874746 5 h-index	1113639 15 g-index
80 all docs	80 docs citations	80 times ranked	439 citing authors

#	Article	IF	Citations
1	Physical Layer Anomaly Detection Mechanisms in IoT Networks. , 2020, , .		3
2	Root Cause Analysis of Reduced Accessibility in 4G Networks. Lecture Notes in Computer Science, 2020, , 117-133.	1.0	2
3	Detecting Internet-Scale Traffic Redirection Attacks Using Latent Class Models. Advances in Intelligent Systems and Computing, 2020, , 370-380.	0.5	0
4	Client Side Localization of BGP Hijack Attacks with a Quasi-realistic Internet Graph. Communications in Computer and Information Science, 2019, , 1-15.	0.4	1
5	Modular Platform for Customer-Side Detection of BGP Redirection Attacks. , 2018, , .		1
6	Socially-Aware Multimedia Dissemination in Personal Mobile Networks. Wireless Personal Communications, 2017, 97, 2295-2328.	1.8	0
7	Supporting Unified Distributed Management and Autonomic Decisions: Design, Implementation and Deployment. Journal of Network and Systems Management, 2017, 25, 416-456.	3.3	3
8	Extracting Information from Interval Data Using Symbolic Principal Component Analysis. Austrian Journal of Statistics, 2017, 46, 79-87.	0.2	6
9	A Quasi-realistic Internet Graph. , 2017, , .		1
10	Do we need a perfect ground-truth for benchmarking Internet traffic classifiers?. , 2015, , .		4
11	Multiscale Internet Statistics: Unveiling the Hidden Behavior. CIM Series in Mathematical Sciences, 2015, , 317-338.	0.4	0
12	Detecting DDoS attacks at the source using multiscaling analysis. , 2014, , .		2
13	Framework for collecting social network events. , 2014, , .		1
14	A peer-to-peer system for large scale traffic measurements. , 2014, , .		0
15	Customer-side detection of Internet-scale traffic redirection. , 2014, , .		5
16	A Facebook event collector framework for profile monitoring purposes. , 2014, , .		2
17	Statistical characterization of P2P-TV services and users. Telecommunication Systems, 2014, 55, 363-376.	1.6	3
18	DICOM interception system for independent image backup. , 2014, , .		1

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19	Differentiation of HTTP Applications Based on Multiscale Analysis. Recent Advances in Communications and Networking Technology, 2014, 2, 12-25.	0.1	0
20	Using multiscale traffic analysis to detect WPS attacks. , 2013, , .		6
21	Localization system for wireless networks. , 2013, , .		3
22	On the analysis of dissemination management information through an Eyesight perspective. , 2013, , .		2
23	A genetic algorithm approach to improve network nodes association. , 2013, , .		1
24	A Spanning Tree Protocol over mobile wireless ad hoc networks. , 2013, , .		1
25	Multi-Scale Profiling of Internet Traffic. Recent Patents on Telecommunicatione, 2013, 1, 109-129.	0.1	0
26	Robust feature selection and robust PCA for internet traffic anomaly detection. , 2012, , .		57
27	Self-organizing decentralized wireless management through social-based metrics. , 2012, , .		1
28	Improving MAC layer association through social-based metrics in mobile networks. , 2012, 50, 91-98.		8
29	Analyzing the behavior of top spam botnets. , 2012, , .		2
30	Statistical Characterization of the Botnets C&C Traffic. Procedia Technology, 2012, 1, 158-166.	1.1	4
31	Characterization and Modeling of Top Spam Botnets. Network Protocols and Algorithms, 2012, 4, .	1.0	1
32	Classification of Hidden Users' Profiles in Wireless Communications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 3-16.	0.2	2
33	Nodes Discovery in the In-Network Management Communication Framework. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 145-157.	0.2	4
34	FTP@VDTN — A file transfer application for Vehicular Delay-Tolerant Networks. , 2011, , .		6
35	Can multiscale traffic analysis be used to differentiate Internet applications?. Telecommunication Systems, 2011, 48, 19-30.	1.6	2
36	IPTV service based on a content-zapping paradigm. Multimedia Systems, 2011, 17, 351-364.	3.0	4

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37	Analysis of the internet domain names re-registration market. Procedia Computer Science, 2011, 3, 325-335.	1.2	2
38	Multimedia content aggregator applied to an IPTV content-zapping service. , 2011, , .		3
39	Detection of Illicit Network Activities Based on Multivariate Gaussian Fitting of Multi-Scale Traffic Characteristics. , 2011, , .		13
40	Markovian Modelling of Internet Traffic. Lecture Notes in Computer Science, 2011, , 98-124.	1.0	10
41	Markov Modulated Bi-variate Gaussian Processes for Mobility Modeling and Location Prediction. Lecture Notes in Computer Science, 2011, , 227-240.	1.0	3
42	A Botnet Detection System Based on Neural Networks. , 2010, , .		22
43	Modeling self-similar traffic over multiple time scales based on hierarchical Markovian and L-System models. Computer Communications, 2010, 33, S3-S10.	3.1	3
44	Improving the Traffic Prediction Capability of Neural Networks Using Sliding Window and Multi-task Learning Mechanisms. , 2010, , .		10
45	A cooperative Hide and Seek discovery over In Network Management. , 2010, , .		7
46	P2P-TV Service and User Characterization. , 2010, , .		4
47	IPTV Service with Automatic Channels Personalization. , 2010, , .		3
48	Improvement of Messages Delivery Time on Vehicular Delay-Tolerant Networks. , 2009, , .		22
49	Framework for Zombie Detection Using Neural Networks. , 2009, , .		21
50	Markovian Models for Medical Signals on Wireless Sensor Networks. , 2009, , .		2
51	Discriminating Internet Applications based on Multiscale Analysis. , 2009, , .		1
52	Peer-Level Analysis of Distributed Multimedia Content Sharing. Lecture Notes in Computer Science, 2009, , 81-95.	1.0	2
53	On the Dependencies between Internet Flow Characteristics. Lecture Notes in Computer Science, 2009, , 68-80.	1.0	1
54	Towards the On-line Identification of Peer-to-peer Flow Patterns. Journal of Networks, 2009, 4, .	0.4	0

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55	Identification of Peer-to-Peer Applications' Flow Patterns. , 2008, , .		5
56	Identifying differentiating characteristics of internet applications using Principal Component Analysis. , 2008, , .		2
57	Study on geographical distribution and availability of BitTorrent peers sharing video files. , 2008, , .		7
58	A Framework for Detecting Internet Applications. Lecture Notes in Computer Science, 2008, , 455-464.	1.0	1
59	Joint Modeling of MANET Characteristics for QoS Prediction. Proceedings - International Symposium on Computers and Communications, 2007, , .	0.0	0
60	Local Area Network Modeling for Performance Prediction. , 2007, , .		2
61	Predicting QoS Characteristics on Wireless Networks. , 2007, , .		1
62	Cluster Analysis of Internet Users Based on Hourly Traffic Utilization. IEICE Transactions on Communications, 2007, E90-B, 1594-1607.	0.4	4
63	Detecting Internet Applications using Neural Networks. , 2006, , .		2
64	Predicting the quality of service of wireless LANs using neural networks. , 2006, , .		5
65	Active Traffic Monitoring for Heterogeneous Environments. Lecture Notes in Computer Science, 2005, , 603-610.	1.0	2
66	Using neural networks to classify Internet users. , 2005, , .		5
67	Networking - ICN 2005. Lecture Notes in Computer Science, 2005, , .	1.0	4
68	Framework based on stochastic L-Systems for modeling IP traffic with multifractal behavior. Computer Communications, 2004, 27, 1799-1811.	3.1	2
69	Modeling IP traffic: joint characterization of packet arrivals and packet sizes using BMAPs. Computer Networks, 2004, 44, 335-352.	3.2	56
70	Multi-time-Scale Traffic Modeling Using Markovian and L-Systems Models. Lecture Notes in Computer Science, 2004, , 297-306.	1.0	0
71	Multiscale Fitting Procedure Using Markov Modulated Poisson Processes. Telecommunication Systems, 2003, 23, 123-148.	1.6	104
72	Modeling Network Traffic with Multifractal Behavior. Telecommunication Systems, 2003, 24, 339-362.	1.6	11

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73	Modeling Self-similar Traffic through Markov Modulated Poisson Processes over Multiple Time Scales. Lecture Notes in Computer Science, 2003, , 550-560.	1.0	6
74	Markovian approach for modeling IP traffic behavior on several time scales. , 2003, , .		2
75	Framework based on stochastic L-Systems for modeling IP traffic with multifractal behavior. , 2003, , .		2
76	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
77	Classification of internet users using discriminant analysis and neural networks. , 0, , .		14
78	A privacy‐focused approach for anomaly detection in IoT networks. International Journal of Network Management, 0, , e2154.	1.4	1
79	Prediction of low accessibility in 4G networks. Annales Des Telecommunications/Annals of Telecommunications, 0, , 1.	1.6	0