Nick Duffield

List of Publications by Year
in descending order

19 papers	**1,591** citations	1163117 **8** h-index	1281871 **11** g-index
19 all docs	**19** docs citations	**19** times ranked	**671** citing authors

#	ARTICLE	IF	CITATIONS
1	Graph reconstruction from path correlation data. Inverse Problems, 2019, 35, 015001.	2.0	3
2	On sampling from massive graph streams. Proceedings of the VLDB Endowment, 2017, 10, 1430-1441.	3.8	46
3	On the Tradeoff between Stability and Fit. ACM Transactions on Algorithms, 2016, 13, 1-24.	1.0	5
4	Cuckoo sampling: Robust collection of flow aggregates under a fixed memory budget. , 2012, , .		4
5	Opportunistic Flow-Level Latency Estimation Using Consistent NetFlow. IEEE/ACM Transactions on Networking, 2012, 20, 139-152.	3.8	1
6	Efficient Stream Sampling for Variance-Optimal Estimation of Subset Sums. SIAM Journal on Computing, 2011, 40, 1402-1431.	1.0	18
7	Multiobjective Monitoring for SLA Compliance. IEEE/ACM Transactions on Networking, 2010, 18, 652-665.	3.8	33
8	A Geometric Approach to Improving Active Packet Loss Measurement. IEEE/ACM Transactions on Networking, 2008, 16, 307-320.	3.8	50
9	Accurate and efficient SLA compliance monitoring. Computer Communication Review, 2007, 37, 109-120.	1.8	30
10	Network Tomography of Binary Network Performance Characteristics. IEEE Transactions on Information Theory, 2006, 52, 5373-5388.	2.4	190
11	Flow sampling under hard resource constraints. Performance Evaluation Review, 2004, 32, 85-96.	0.6	29
12	Sampling for Passive Internet Measurement: A Review. Statistical Science, 2004, 19, 472.	2.8	118
13	Estimating flow distributions from sampled flow statistics. , 2003, , .		176
14	Predicting resource usage and estimation accuracy in an IP flow measurement collection infrastructure. , 2003, , .		55
15	Simple network performance tomography. , 2003, , .		77
16	Properties and prediction of flow statistics from sampled packet streams. , 2002, , .		154
17	Network tomography on general topologies. , 2002, , .		151
18	On the constancy of internet path properties. , 2001, , .		324

#	ARTICLE	IF	CITATIONS
19	Charging from sampled network usage. , 2001, , .		127