Gil Einziger

List of Publications by Year
in descending order

36 papers	698 citations	1307594 7 h-index	1125743 13 g-index
36 all docs	36 docs citations	36 times ranked	411 citing authors

#	Article	IF	Citations
1	Memento: Making Sliding Windows Efficient for Heavy Hitters. IEEE/ACM Transactions on Networking, 2022, 30, 1440-1453.	3.8	0
2	Lightweight Robust Size Aware Cache Management. ACM Transactions on Storage, 2022, 18, 1-23.	2.1	0
3	False Negative Awareness in Indicator-Based Caching Systems. IEEE/ACM Transactions on Networking, 2022, 30, 2674-2687.	3.8	3
4	SALSA: Self-Adjusting Lean Streaming Analytics. , 2021, , .		10
5	Access Strategies for Network Caching. IEEE/ACM Transactions on Networking, 2021, 29, 609-622.	3.8	4
6	Routing-Oblivious Network-Wide Measurements. IEEE/ACM Transactions on Networking, 2021, 29, 2386-2398.	3.8	5
7	On the Power of False Negative Awareness in Indicator-based Caching Systems. , 2021, , .		2
8	Faster and More Accurate Measurement through Additive-Error Counters. , 2020, , .		9
9	Designing Heavy-Hitter Detection Algorithms for Programmable Switches. IEEE/ACM Transactions on Networking, 2020, 28, 1172-1185.	3.8	36
10	Cooperative Network-wide Flow Selection. , 2020, , .		5
11	Reducing Service Deployment Cost Through VNF Sharing. IEEE/ACM Transactions on Networking, 2019, 27, 2363-2376.	3.8	44
12	Counting With Tinytable: Every Bit Counts!. IEEE Access, 2019, 7, 166292-166309.	4.2	10
13	Faster Placement of Virtual Machines through Adaptive Caching. , 2019, , .		14
14	Randomized Admission Policy for Efficient Top-k, Frequency, and Volume Estimation. IEEE/ACM Transactions on Networking, 2019, 27, 1432-1445.	3.8	13
15	Succinct Summing over Sliding Windows. Algorithmica, 2019, 81, 2072-2091.	1.3	1
16	Verifying Robustness of Gradient Boosted Models. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 2446-2453.	4.9	17
17	q-MAX. , 2019, , .		5
18	Network-wide routing-oblivious heavy hitters. , 2018, , .		18

#	Article	IF	Citations
19	Memento. , 2018, , .		20
20	Adaptive Software Cache Management. , 2018, , .		23
21	Fast flow volume estimation. Pervasive and Mobile Computing, 2018, 48, 101-117.	3.3	6
22	Scheduling Advertisement Delivery in Vehicular Networks. IEEE Transactions on Mobile Computing, 2018, 17, 2882-2897.	5.8	17
23	ICE Buckets: Improved Counter Estimation for Network Measurement. IEEE/ACM Transactions on Networking, 2018, 26, 1165-1178.	3.8	4
24	TinySetâ€"An Access Efficient Self Adjusting Bloom Filter Construction. IEEE/ACM Transactions on Networking, 2017, 25, 2295-2307.	3.8	29
25	Constant Time Updates in Hierarchical Heavy Hitters. , 2017, , .		93
26	Randomized admission policy for efficient top-k and frequency estimation. , 2017, , .		48
27	Constant Time Weighted Frequency Estimation for Virtual Network Functionalities. , 2017, , .		11
28	Optimal elephant flow detection. , 2017, , .		41
29	Heavy hitters in streams and sliding windows. , 2016, , .		93
30	Counting with TinyTable. , 2016, , .		24
31	Independent counter estimation buckets. , 2015, , .		17
32	TinySet - An Access Efficient Self Adjusting Bloom Filter Construction. , 2015, , .		4
33	Counting with TinyTable: Every bit counts!. , 2015, , .		7
34	A formal analysis of conservative update based approximate counting. , 2015, , .		6
35	TinyLFU: A Highly Efficient Cache Admission Policy. , 2014, , .		52
36	Kaleidoscope: Adding colors to Kademlia. , 2013, , .		7