Huichen Dai

List of Publications by Year
in descending order

21 papers	497 citations	2148532 4 h-index	2501632 4 g-index
21 all docs	21 docs citations	21 times ranked	361 citing authors

#	ARTICLE	IF	CITATIONS
1	P3R: Realizing Robust Routing for VANET Using Trajectory Prediction and Crossroad Recognition. , 2019, , .		0
2	Ultra-Fast Bloom Filters using SIMD Techniques. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 953-964.	4.0	10
3	OBMA: Minimizing Bitmap Data Structure with Fast and Uninterrupted Update Processing. , 2018, , .		6
4	Low Computational Cost Bloom Filters. IEEE/ACM Transactions on Networking, 2018, 26, 2254-2267.	2.6	8
5	BFAST: High-Speed and Memory-Efficient Approach for NDN Forwarding Engine. IEEE/ACM Transactions on Networking, 2017, 25, 1235-1248.	2.6	33
6	Statistical Optimal Hash-Based Longest Prefix Match. , 2017, , .		8
7	Ultra-Fast Bloom Filters using SIMD techniques. , 2017, , .		7
8	Analysis of tandem PIT and CS with non-zero download delay. , 2017, , .		5
9	CASE: Cache-assisted stretchable estimator for high speed per-flow measurement. , 2016, , .		13
10	Towards Zero-Time Wakeup of Line Cards in Power-Aware Routers. IEEE/ACM Transactions on Networking, 2016, 24, 1448-1461.	2.6	9
11	One-hashing bloom filter. , 2015, , .		19
12	BFAST: Unified and scalable index for NDN forwarding architecture. , 2015, , .		18
13	Towards line-speed and accurate on-line popularity monitoring on NDN routers. , 2014, , .		17
14	Fast name lookup for Named Data Networking. , 2014, , .		31
15	NameFilter: Achieving fast name lookup with low memory cost via applying two-stage Bloom filters. , 2013, , .		66
16	Mitigate DDoS attacks in NDN by interest traceback. , 2013, , .		94
17	A two-layer intra-domain routing scheme for named data networking. , 2012, , .		11
18	Improving the throughput and delay performance of network processors by applying push model. , 2012, , .		1

#	Article	IF	Citations
19	Scalable Name Lookup in NDN Using Effective Name Component Encoding. , 2012, , .		108
20	CLUE: Achieving Fast Update over Compressed Table for Parallel Lookup with Reduced Dynamic Redundancy. , 2012, , .		13
21	Parallel Name Lookup for Named Data Networking. , 2011, , .		20