

Hari Balakrishnan

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

15,465
citations

304743

22
h-index

501196

28
g-index

44
all docs

44
docs citations

44
times ranked

5706
citing authors

#	ARTICLE	IF	CITATIONS
1	Chord. , 2001, , .		5,519
2	Chord. Computer Communication Review, 2001, 31, 149-160.	1.8	1,780
3	Resilient overlay networks. , 2001, , .		1,127
4	Title is missing!. Wireless Networks, 2002, 8, 481-494.	3.0	883
5	CryptDB. , 2011, , .		819
6	Negotiation-Based Protocols for Disseminating Information in Wireless Sensor Networks. Wireless Networks, 2002, 8, 169-185.	3.0	795
7	Improving reliable transport and handoff performance in cellular wireless networks. Wireless Networks, 1995, 1, 469-481.	3.0	514
8	Looking up data in P2P systems. Communications of the ACM, 2003, 46, 43-48.	4.5	488
9	An end-to-end approach to host mobility. , 2000, , .		408
10	Analysis of the evolution of peer-to-peer systems. , 2002, , .		237
11	Resilient overlay networks. Operating Systems Review (ACM), 2001, 35, 131-145.	1.9	210
12	TCP ex machina. , 2013, , .		205
13	PPR. , 2007, , .		201
14	An integrated congestion management architecture for Internet hosts. , 1999, , .		170
15	A layered naming architecture for the internet. , 2004, , .		163
16	Improving loss resilience with multi-radio diversity in wireless networks. , 2005, , .		163
17	TCP ex machina. Computer Communication Review, 2013, 43, 123-134.	1.8	160
18	CryptDB. Communications of the ACM, 2012, 55, 103-111.	4.5	146

#	ARTICLE	IF	CITATIONS
19	Symbol-level network coding for wireless mesh networks. Computer Communication Review, 2008, 38, 401-412.	1.8	142
20	A comparison of mechanisms for improving TCP performance over wireless links. Computer Communication Review, 1996, 26, 256-269.	1.8	138
21	Fault-tolerance in the borealis distributed stream processing system. ACM Transactions on Database Systems, 2008, 33, 1-44.	2.8	120
22	The design and implementation of an intentional naming system. Operating Systems Review (ACM), 1999, 33, 186-201.	1.9	105
23	Retrospective on Aurora. VLDB Journal, 2004, 13, 370-383.	4.1	93
24	Cross-layer wireless bit rate adaptation. Computer Communication Review, 2009, 39, 3-14.	1.8	91
25	Handoffs in Cellular Wireless Networks: The Daedalus Implementation and Experience. Wireless Personal Communications, 1997, 4, 141-162.	2.7	88
26	An integrated congestion management architecture for Internet hosts. Computer Communication Review, 1999, 29, 175-187.	1.8	83
27	Rateless spinal codes. , 2011, , .		78
28	The effects of asymmetry on TCP performance. Mobile Networks and Applications, 1999, 4, 219-241.	3.3	76
29	OverQoS. Computer Communication Review, 2003, 33, 11-16.	1.8	68
30	PPR. Computer Communication Review, 2007, 37, 409-420.	1.8	54
31	Spinal codes. Computer Communication Review, 2012, 42, 49-60.	1.8	51
32	Airblue. , 2010, , .		47
33	Resilient overlay networks. Computer Communication Review, 2002, 32, 66-66.	1.8	43
34	XStream: a Signal-Oriented Data Stream Management System. , 2008, , .		39
35	A layered naming architecture for the internet. Computer Communication Review, 2004, 34, 343-352.	1.8	33
36	No symbol left behind. , 2012, , .		30

#	ARTICLE	IF	CITATIONS
37	DNS performance and the effectiveness of caching. Computer Communication Review, 2002, 32, 74-74.	1.8	25
38	Measuring the effects of internet path faults on reactive routing. Performance Evaluation Review, 2003, 31, 126-137.	0.6	22
39	Dynamic behavior of slowly-responsive congestion control algorithms. Computer Communication Review, 2001, 31, 263-274.	1.8	15
40	Analyzing stability in wide-area network performance. Performance Evaluation Review, 1997, 25, 2-12.	0.6	12
41	End-to-end transmission control by modeling uncertainty about the network state. , 2011, , .		10
42	Experience with an evolving overlay network testbed. Computer Communication Review, 2003, 33, 13-19.	1.8	8
43	Towards a logic for wide-area Internet routing. Computer Communication Review, 2003, 33, 289-300.	1.8	6
44	When the Sensors Hit the Roads (Invited Talk). , 2007, , .		0