

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	TCP ex machina. , 2013, , .		205
2	TCP ex machina. Computer Communication Review, 2013, 43, 123-134.	1.8	160
3	CryptDB. Communications of the ACM, 2012, 55, 103-111.	4.5	146
4	No symbol left behind. , 2012, , .		30
5	Spinal codes. Computer Communication Review, 2012, 42, 49-60.	1.8	51
6	Rateless spinal codes. , 2011, , .		78
7	CryptDB. , 2011, , .		819
8	End-to-end transmission control by modeling uncertainty about the network state. , 2011, , .		10
9	Airblue. , 2010, , .		47
10	Cross-layer wireless bit rate adaptation. Computer Communication Review, 2009, 39, 3-14.	1.8	91
11	XStream: a Signal-Oriented Data Stream Management System. , 2008, , .		39
12	Fault-tolerance in the borealis distributed stream processing system. ACM Transactions on Database Systems, 2008, 33, 1-44.	2.8	120
13	Symbol-level network coding for wireless mesh networks. Computer Communication Review, 2008, 38, 401-412.	1.8	142
14	PPR. , 2007, , .		201
15	PPR. Computer Communication Review, 2007, 37, 409-420.	1.8	54
16	When the Sensors Hit the Roads (Invited Talk). , 2007, , .		0
17	Improving loss resilience with multi-radio diversity in wireless networks. , 2005, , .		163
18	A layered naming architecture for the internet. , 2004, , .		163

#	ARTICLE	IF	CITATIONS
19	A layered naming architecture for the internet. Computer Communication Review, 2004, 34, 343-352.	1.8	33
20	Retrospective on Aurora. VLDB Journal, 2004, 13, 370-383.	4.1	93
21	Looking up data in P2P systems. Communications of the ACM, 2003, 46, 43-48.	4.5	488
22	Towards a logic for wide-area Internet routing. Computer Communication Review, 2003, 33, 289-300.	1.8	6
23	OverQoS. Computer Communication Review, 2003, 33, 11-16.	1.8	68
24	Measuring the effects of internet path faults on reactive routing. Performance Evaluation Review, 2003, 31, 126-137.	0.6	22
25	Experience with an evolving overlay network testbed. Computer Communication Review, 2003, 33, 13-19.	1.8	8
26	Analysis of the evolution of peer-to-peer systems. , 2002, , .		237
27	DNS performance and the effectiveness of caching. Computer Communication Review, 2002, 32, 74-74.	1.8	25
28	Resilient overlay networks. Computer Communication Review, 2002, 32, 66-66.	1.8	43
29	Negotiation-Based Protocols for Disseminating Information in Wireless Sensor Networks. Wireless Networks, 2002, 8, 169-185.	3.0	795
30	Title is missing!. Wireless Networks, 2002, 8, 481-494.	3.0	883
31	Chord. Computer Communication Review, 2001, 31, 149-160.	1.8	1,780
32	Chord. , 2001, , .		5,519
33	Resilient overlay networks. , 2001, , .		1,127
34	Resilient overlay networks. Operating Systems Review (ACM), 2001, 35, 131-145.	1.9	210
35	Dynamic behavior of slowly-responsive congestion control algorithms. Computer Communication Review, 2001, 31, 263-274.	1.8	15
36	An end-to-end approach to host mobility. , 2000, , .		408

#	ARTICLE	IF	CITATIONS
37	An integrated congestion management architecture for Internet hosts. , 1999, , .		170
38	The design and implementation of an intentional naming system. Operating Systems Review (ACM), 1999, 33, 186-201.	1.9	105
39	The effects of asymmetry on TCP performance. Mobile Networks and Applications, 1999, 4, 219-241.	3.3	76
40	An integrated congestion management architecture for Internet hosts. Computer Communication Review, 1999, 29, 175-187.	1.8	83
41	Analyzing stability in wide-area network performance. Performance Evaluation Review, 1997, 25, 2-12.	0.6	12
42	Handoffs in Cellular Wireless Networks: The Daedalus Implementation and Experience. Wireless Personal Communications, 1997, 4, 141-162.	2.7	88
43	A comparison of mechanisms for improving TCP performance over wireless links. Computer Communication Review, 1996, 26, 256-269.	1.8	138
44	Improving reliable transport and handoff performance in cellular wireless networks. Wireless Networks, 1995, 1, 469-481.	3.0	514