Michael Rabinovich

List of Publications by Year
in descending order

67 papers	1,442 citations	623734 14 h-index	552781 26 g-index
70 all docs	70 docs citations	70 times ranked	736 citing authors

#	Article	IF	Citations
1	Flash crowds and denial of service attacks. , 2002, , .		300
2	Time Constraints in Workflow Systems. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 1999, , 286-300.	0.3	100
3	Web proxy caching. Performance Evaluation Review, 1998, 26, 11-15.	0.6	89
4	On measuring the client-side DNS infrastructure. , 2013, , .		72
5	Not all hits are created equal: cooperative proxy caching over a wide-area network. Computer Networks, 1998, 30, 2253-2259.	1.0	69
6	RaDaR: a scalable architecture for a global Web hosting service. Computer Networks, 1999, 31, 1545-1561.	5.1	62
7	On modern DNS behavior and properties. Computer Communication Review, 2013, 43, 7-15.	1.8	61
8	Web caching and content distribution: a view from the interior. Computer Communications, 2001, 24, 222-231.	5.1	57
9	Measuring a commercial content delivery network. , 2011, , .		51
10	CDN brokering. Computer Communications, 2002, 25, 393-402.	5.1	41
11	Computing on the Edge: A Platform for Replicating Internet Applications. , 2004, , 57-77.		40
12	Anycast CDNS revisited. , 2008, , .		34
13	Towards capacity and profit optimization of video-on-demand services in a peer-assisted IPTV platform. Multimedia Systems, 2009, 15, 19-32.	4.7	33
14	Assessing DNS Vulnerability to Record Injection. Lecture Notes in Computer Science, 2014, , 214-223.	1.3	30
15	Capacity analysis of MediaGrid: a P2P IPTV platform for fiber to the node (FTTN) networks. IEEE Journal on Selected Areas in Communications, 2007, 25, 131-139.	14.0	25
16	A large-scale empirical analysis of email spam detection through network characteristics in a stand-alone enterprise. Computer Networks, 2014, 59, 101-121.	5.1	24
17	Content Delivery Networks: Protection or Threat?. Lecture Notes in Computer Science, 2009, , 371-389.	1.3	24
18	Improving fault tolerance and supporting partial writes in structured coterie protocols for replicated objects. , 1992, , .		19

#	Article	IF	Citations
19	Scalable update propagation in epidemic replicated databases. Lecture Notes in Computer Science, 1996, , 205-222.	1.3	19
20	DNS Resolvers Considered Harmful. , 2014, , .		19
21	Agility in virtualized utility computing. , 2007, , .		18
22	A Practical Architecture for an Anycast CDN. ACM Transactions on the Web, 2011, 5, 1-29.	2.5	17
23	Anycast-aware transport for content delivery networks. , 2009, , .		13
24	The anatomy of LDNS clusters. , 2013, , .		13
25	Improving fault tolerance and supporting partial writes in structured coterie protocols for replicated objects. SIGMOD Record, 1992, 21, 226-235.	1.2	12
26	A Look at the ECS Behavior of DNS Resolvers. , 2019, , .		12
27	Towards a Model of DNS Client Behavior. Lecture Notes in Computer Science, 2016, , 263-275.	1.3	12
28	Characterization of a Large Web Site Population with Implications for Content Delivery. World Wide Web, 2006, 9, 505-536.	4.0	11
29	Facilitating focused internet measurements. , 2007, , .		11
30	MyXDNS. , 2007, , .		9
31	Web Timeouts and Their Implications. Lecture Notes in Computer Science, 2010, , 211-221.	1.3	9
32	DEW. , 2003, , .		8
33	Agile resource management in a virtualized data center. , 2010, , .		8
34	DHTTP: An Efficient and Cache-Friendly Transfer Protocol for the Web. IEEE/ACM Transactions on Networking, 2004, 12, 1007-1020.	3.8	7
35	DipZoom: The Internet Measurements Marketplace. , 2006, , .		7
36	Performance Implications of Unilateral Enabling of IPv6. Lecture Notes in Computer Science, 2013, , 115-124.	1.3	7

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37	TCP Stretch Acknowledgements and Timestamps. Computer Communication Review, 2015, 45, 20-27.	1.8	7
38	Content delivery networks. Performance Evaluation Review, 2009, 37, 59-60.	0.6	6
39	Measuring the Internet. IEEE Internet Computing, 2016, 20, 6-8.	3.3	6
40	Efficient application placement in a dynamic hosting platform. , 2009, , .		6
41	Review of Web caching and replication by Michael Rabinovich and Oliver Spatscheck. Addison Wesley 2002.. SIGMOD Record, 2003, 32, 107-108.	1.2	6
42	FlashRoute. , 2020, , .		6
43	Assessing Support forÂDNS-over-TCP inÂtheÂWild. Lecture Notes in Computer Science, 2022, , 487-517.	1.3	5
44	Internet Path Stability: Exploring the Impact of MPLS Deployment. , 2016, , .		4
45	Network distance estimation with dynamic landmark triangles. , 2008, , .		4
46	Bringing Local DNS Servers Close to Their Clients. , 2011, , .		3
47	Pssst, over here: Communicating without fixed infrastructure. , 2012, , .		3
48	Practical challenge-response for DNS. Computer Communication Review, 2018, 48, 20-28.	1.8	3
49	Improving Communication through Overlay Detours: Pipe Dream or Actionable Insight?. , 2018, , .		3
50	On the stability and diversity of Internet routes in the MPLS era. Performance Evaluation, 2020, 138, 102084.	1.2	3
51	Asynchronous epoch management in replicated databases. Lecture Notes in Computer Science, 1993, , 115-128.	1.3	3
52	Facilitating focused internet measurements. Performance Evaluation Review, 2007, 35, 49-60.	0.6	2
53	Dynamic landmark triangles: A simple and efficient mechanism for inter-host latency estimation. Computer Networks, 2011, 55, 1864-1879.	5.1	2
54	Client-Centric Content Delivery Network. , 2016, , .		2

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55	Internet With Transient Destination-Controlled Addressing. IEEE/ACM Transactions on Networking, 2016, 24, 731-744.	3.8	2
56	NoCDN. , 2017, , .		2
57	On Community-Oriented Internet Measurement. , 2008, , 112-121.		2
58	Weeding spammers at the root: A precise approach to spam reduction. , 2008, , .		1
59	Evasive Internet: Reducing Internet Vulnerability through Transient Addressing. , 2010, , .		1
60	On grappling with meta-information in the internet. Computer Communication Review, 2011, 41, 13-23.	1.8	1
61	Engineers or Scientists?. IEEE Internet Computing, 2011, 15, 4-6.	3.3	1
62	The Reproducibility versus Debuggability of Research. IEEE Internet Computing, 2014, 18, 4-6.	3.3	1
63	Towards Informed Web Content Delivery. Lecture Notes in Computer Science, 2004, , 232-248.	1.3	1
64	Computer Science Research Community: The Death Spiral?. IEEE Internet Computing, 2012, 16, 4-6.	3.3	0
65	Mega Data Center for Elastic Internet Applications. , 2014, , .		0
66	Rethinking Home Networks in the Ultrabroadband Era. , 2019, , .		0
67	Overlay Networking and Resiliency. Computer Communications and Networks, 2010, , 221-251.	0.8	0