

Jennifer Rexford

List of Publications by Year in descending order

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42
papers

13,278
citations

759233

12
h-index

839539

18
g-index

42
all docs

42
docs citations

42
times ranked

6020
citing authors

#	ARTICLE	IF	CITATIONS
1	Data-plane security applications in adversarial settings. Computer Communication Review, 2022, 52, 2-9.	1.8	1
2	Experience-driven research on programmable networks. Computer Communication Review, 2021, 51, 10-17.	1.8	12
3	REDACT. Computer Communication Review, 2021, 51, 15-22.	1.8	0
4	Elmo: Source Routed Multicast for Public Clouds. IEEE/ACM Transactions on Networking, 2020, 28, 2587-2600.	3.8	4
5	PacketScope. , 2020, , .		17
6	Elastic Switch Programming with P4All. , 2020, , .		7
7	Cooperative Rule Caching for SDN Switches. , 2020, , .		5
8	Elmo. , 2019, , .		28
9	Accurate Traffic Splitting on Commodity Switches. , 2018, , .		8
10	Sonata. , 2018, , .		159
11	Network-Wide Heavy Hitter Detection with Commodity Switches. , 2018, , .		65
12	A Scalable VPN Gateway for Multi-Tenant Cloud Services. Computer Communication Review, 2018, 48, 49-55.	1.8	9
13	Whippersnapper. , 2017, , .		44
14	Dapper. , 2017, , .		65
15	Concise Encoding of Flow Attributes in SDN Switches. , 2017, , .		14
16	Heavy-Hitter Detection Entirely in the Data Plane. , 2017, , .		266
17	HotCocoa. , 2017, , .		17
18	PISCES. , 2016, , .		110

#	ARTICLE	IF	CITATIONS
19	SNAP. , 2016, , .		120
20	HULA. , 2016, , .		245
21	Alpaca. , 2015, , .		8
22	A network-state management service. Computer Communication Review, 2015, 44, 563-574.	1.8	18
23	The road to SDN. Computer Communication Review, 2014, 44, 87-98.	1.8	574
24	P4. Computer Communication Review, 2014, 44, 87-95.	1.8	1,871
25	A network-state management service. , 2014, , .		58
26	Transparent, Live Migration of a Software-Defined Network. , 2014, , .		35
27	The Road to SDN. Queue, 2013, 11, 20-40.	1.1	215
28	Abstractions for network update. Computer Communication Review, 2012, 42, 323-334.	1.8	106
29	Practical Network-Wide Compression of IP Routing Tables. IEEE Transactions on Network and Service Management, 2012, 9, 446-458.	4.9	15
30	Frenetic. ACM SIGPLAN Notices, 2011, 46, 279-291.	0.2	298
31	Consistent updates for software-defined networks. , 2011, , .		133
32	Frenetic. , 2010, , .		61
33	Scalable flow-based networking with DIFANE. Computer Communication Review, 2010, 40, 351-362.	1.8	273
34	Design for Optimizability: Traffic Management of a Future Internet. Computer Communications and Networks, 2010, , 3-18.	0.8	2
35	OpenFlow. Computer Communication Review, 2008, 38, 69-74.	1.8	6,934
36	Floodless in seattle. , 2008, , .		151

#	ARTICLE	IF	CITATIONS
37	Virtual routers on the move. <i>Computer Communication Review</i> , 2008, 38, 231-242.	1.8	129
38	Don't optimize existing protocols, design optimizable protocols. <i>Computer Communication Review</i> , 2007, 37, 53-58.	1.8	8
39	How to lease the internet in your spare time. <i>Computer Communication Review</i> , 2007, 37, 61-64.	1.8	420
40	A clean slate 4D approach to network control and management. <i>Computer Communication Review</i> , 2005, 35, 41-54.	1.8	465
41	The case for separating routing from routers. , 2004, , .		197
42	Dynamics of hot-potato routing in IP networks. , 2004, , .		111