Marinho Barcellos

List of Publications by Year
in descending order

40 papers	1,185 citations	1307594 7 h-index	1058476 14 g-index
41 all docs	41 docs citations	41 times ranked	1415 citing authors

#	Article	IF	Citations
1	Edge-centric Computing. Computer Communication Review, 2015, 45, 37-42.	1.8	749
2	Survivor: An enhanced controller placement strategy for improving SDN survivability. , 2014, , .		138
3	Attacking a Swarm with a Band of Liars: evaluating the impact of attacks on BitTorrent. , 2007, , .		24
4	Effects of colluding Sybil nodes in message falsification attacks for vehicular platooning. , 2017, , .		23
5	Verification of P4 programs in feasible time using assertions. , 2018, , .		22
6	Flexible and secure service discovery in ubiquitous computing. Journal of Network and Computer Applications, 2010, 33, 128-140.	9.1	19
7	Decentralized proof of location in vehicular Ad Hoc networks. Computer Communications, 2019, 147, 98-110.	5.1	18
8	DoS-resilient virtual networks through multipath embedding and opportunistic recovery. , 2013, , .		17
9	Flexible security in peer-to-peer applications: Enabling new opportunities beyond file sharing. Computer Networks, 2007, 51, 4797-4815.	5.1	16
10	ASTORIA: A framework for attack simulation and evaluation in smart grids. , 2016, , .		14
11	Picking a Partner. , 2018, , .		12
12	No more backups: Toward efficient embedding of survivable virtual networks. , 2013, , .		10
13	Providing producer mobility support in NDN through proactive data replication. , 2016, , .		10
14	Achieving minimum bandwidth guarantees and work-conservation in large-scale, SDN-based datacenter networks. Computer Networks, 2017, 127, 109-125.	5.1	10
15	Protecting BitTorrent: Design and Evaluation of Effective Countermeasures against DoS Attacks. , 2008, , .		9
16	On the impact of sybil attacks in cooperative driving scenarios. , 2017, , .		9
17	Mitigating Position Falsification Attacks in Vehicular Platooning. , 2018, , .		9
18	Opportunistic resilience embedding (ORE): Toward cost-efficient resilient virtual networks. Computer Networks, 2015, 89, 59-77.	5.1	8

#	Article	IF	Citations
19	A toolset for efficient privacy-oriented virtual network embedding and its instantiation on SDN/OpenFlow-based substrates. Computer Communications, 2016, 82, 13-27.	5.1	8
20	TorrentLab: investigating BitTorrent through simulation and live experiments. , 2008, , .		7
21	A conservative strategy to protect P2P file sharing systems from pollution attacks. Concurrency Computation Practice and Experience, 2011, 23, 117-141.	2.2	6
22	Dynam-IX. , 2018, , .		6
23	Beyond network simulators: Fostering novel distributed applications and protocols through extendible design. Journal of Network and Computer Applications, 2012, 35, 328-339.	9.1	5
24	PredCloud: Providing predictable network performance in large-scale OpenFlow-enabled cloud platforms through trust-based allocation of resources. Computer Communications, 2016, 91-92, 44-61.	5.1	5
25	Beyond pollution and taste: A tag-based strategy to increase download quality in P2P file sharing systems. Computer Communications, 2013, 36, 191-202.	5.1	4
26	Predictor: Providing fine-grained management and predictability in multi-tenant datacenter networks. , 2015, , .		4
27	Reliable multicast for the Grid: a case study in experimental computer science. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2005, 363, 1775-1791.	3.4	3
28	CCNrel: Leveraging relations among objects to improve the performance of CCN. , 2015, , .		3
29	NDNrel: A mechanism based on relations among objects to improve the performance of NDN. Journal of Network and Computer Applications, 2017, 87, 73-86.	9.1	3
30	A Multicast Transport Protocol for Reliable Group Applications. Lecture Notes in Computer Science, 1999, , 170-187.	1.3	2
31	Exploiting parallelism in hierarchical content stores for high-speed ICN routers. Computer Networks, 2017, 125, 132-145.	5.1	2
32	Hybrid reliable multicast with TCP-XM. , 2005, , .		1
33	Disconnecting to connect: Understanding optimistic disconnection in BitTorrent. , 2012, , .		1
34	Off the wire control: Improving the control plane resilience through cellular networks. , 2015, , .		1
35	IoNCloud: Exploring application affinity to improve utilization and predictability in datacenters. , 2015, , .		1
36	Packer: Minimizing multi-resource fragmentation and performance interference in datacenters. , 2017, , .		1

#	Article	IF	Citations
37	Dynam-IX. , 2018, , .		1
38	Exploring your neighborhood: Comparing connection strategies in swarming networks through evolving graphs. , 2013, , .		0
39	Research in Security and Privacy in Brazil. IEEE Security and Privacy, 2018, 16, 14-21.	1.2	0
40	Dynamic adjustment of a MLFQ flow scheduler to improve cloud applications performance. DYNA (Colombia), 2018, 85, 16-23.	0.4	0