Nitin H Vaidya

List of Publications by Year
in descending order

24 papers	1,004 citations	1163117 8 h-index	1588992 8 g-index
25 all docs	25 docs citations	25 times ranked	679 citing authors

#	Article	IF	Citations
1	Analysis of TCP Performance over Mobile Ad Hoc Networks. Wireless Networks, 2002, 8, 275-288.	3.0	270
2	Iterative approximate byzantine consensus in arbitrary directed graphs. , 2012, , .		136
3	Differentially Private Distributed Optimization. , 2015, , .		124
4	Fault-Tolerant Multi-Agent Optimization. , 2016, , .		63
5	A Strategy-Proof Radio Spectrum Auction Mechanism in Noncooperative Wireless Networks. IEEE Transactions on Mobile Computing, 2013, 12, 885-894.	5.8	45
6	Iterative Byzantine Vector Consensus in Incomplete Graphs. Lecture Notes in Computer Science, 2014, , 14-28.	1.3	42
7	Priority Scheduling in Wireless Ad Hoc Networks. Wireless Networks, 2006, 12, 273-286.	3.0	40
8	Byzantine vector consensus in complete graphs. , 2013, , .		35
9	Byzantine-Resilient Multiagent Optimization. IEEE Transactions on Automatic Control, 2021, 66, 2227-2233.	5.7	33
10	Fault-Tolerant Consensus in Directed Graphs. , 2015, , .		29
11	Multidimensional agreement in Byzantine systems. Distributed Computing, 2015, 28, 423-441.	0.8	28
12	Protocol design challenges for multi-hop dynamic spectrum access networks. , 2005, , .		23
13	Multi-agent optimization in the presence of Byzantine adversaries: Fundamental limits. , 2016, , .		15
14	Private Optimization on Networks. , 2018, , .		15
15	Privacy-Preserving Distributed Learning via Obfuscated Stochastic Gradients. , 2018, , .		14
16	Iterative Approximate Consensus in the Presence of Byzantine Link Failures. Lecture Notes in Computer Science, 2014, , 84-98.	1.3	12
17	MAC protocols using directional antennas in IEEE 802.11 based ad hoc networks. Wireless Communications and Mobile Computing, 2008, 8, 783-795.	1.2	10
18	Approximate Byzantine Fault-Tolerance in Distributed Optimization. , 2021, , .		8

#	Article	IF	Citations
19	Byzantine Fault-Tolerance in Decentralized Optimization under 2f-Redundancy. , 2021, , .		6
20	Byzantine Fault-Tolerant Parallelized Stochastic Gradient Descent for Linear Regression. , 2019, , .		5
21	Improving reliability and performance of dense-AP network using DAPnet. , 2015, , .		3
22	Global Stabilization for Causally Consistent Partial Replication. , 2020, , .		3
23	iPath: Intelligent and optimal path selection for Byzantine fault tolerant communication. , 2015, , .		2
24	Preserving Statistical Privacy in Distributed Optimization. , 2021, 5, 779-784.		2