

# Nitin H Vaidya

## List of Publications by Year in descending order

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50  
papers

3,820  
citations

567281

15  
h-index

580821

25  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1727  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asynchronous Byzantine Approximate Consensus in Directed Networks. , 2020, , .		6
2	Defending non-Bayesian learning against adversarial attacks. Distributed Computing, 2019, 32, 277-289.	0.8	19
3	Reaching approximate Byzantine consensus with multi-hop communication. Information and Computation, 2017, 255, 352-368.	0.7	16
4	A Note on Fault-tolerant Consensus in Directed Networks. ACM SIGACT News, 2016, 47, 70-91.	0.1	7
5	Non-Bayesian Learning in the Presence of Byzantine Agents. Lecture Notes in Computer Science, 2016, , 414-427.	1.3	17
6	Fault-Tolerant Consensus in Directed Graphs. , 2015, , .		29
7	Iterative Byzantine Vector Consensus in Incomplete Graphs. Lecture Notes in Computer Science, 2014, , 14-28.	1.3	42
8	Byzantine vector consensus in complete graphs. , 2013, , .		35
9	Throughput-Optimal CSMA With Imperfect Carrier Sensing. IEEE/ACM Transactions on Networking, 2013, 21, 1636-1650.	3.8	9
10	Iterative approximate byzantine consensus in arbitrary directed graphs. , 2012, , .		136
11	Resilient average consensus in the presence of heterogeneous packet dropping links. , 2012, , .		10
12	Watchdogs to the rescue: Securing wireless TCP. , 2012, , .		2
13	Robust average consensus over packet dropping links: Analysis via coefficients of ergodicity. , 2012, , .		19
14	A new &#x2018;Direction&#x2019; for source location privacy in wireless sensor networks'. , 2012, , .		4
15	Resilient Networked Control of Distributed Energy Resources. IEEE Journal on Selected Areas in Communications, 2012, 30, 1137-1148.	14.0	74
16	RFID reader collision problem: performance analysis and medium access. Wireless Communications and Mobile Computing, 2012, 12, 420-430.	1.2	23
17	Any-MAC: Extending any asynchronous MAC with anycast to improve delay in WSN. , 2011, , .		9
18	Exploiting routing redundancy using MAC layer anycast to improve delay in WSN. Mobile Computing and Communications Review, 2010, 14, 49-51.	1.7	6

#	ARTICLE	IF	CITATIONS
19	RFID Trees: A Distributed RFID Tag Storage Infrastructure for Forest Search and Rescue. , 2010, , .		4
20	Link-state routing without broadcast storming for multichannel mesh networks. Computer Networks, 2010, 54, 330-340.	5.1	2
21	Exploiting Space-Time Correlations in an RFID Tag Field for Localization and Tracking. , 2010, , .		0
22	Expanding Horizon and Capture Effect in RFID Singulation. , 2010, , .		0
23	A Distributed Throughput-Optimal CSMA with Data Packet Collisions. , 2010, , .		3
24	OCP: Opportunistic Carrier Prediction for wireless networks. , 2010, , .		3
25	Efficient Access Protocols for High Storage RFID. , 2010, , .		0
26	On the mobile wireless access via MIMO relays. , 2009, , .		3
27	Improving IEEE 802.11 power saving mechanism. Wireless Networks, 2008, 14, 375-391.	3.0	40
28	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
29	Ad hoc routing for multilevel power save protocols. Ad Hoc Networks, 2008, 6, 210-225.	5.5	12
30	Heterogeneous multi-channel wireless networks. Mobile Computing and Communications Review, 2008, 12, 43-45.	1.7	6
31	Link-state routing protocol for multi-channel multi-interface wireless networks. , 2008, , .		6
32	Capacity of multi-channel wireless networks with random (c, f) assignment. , 2007, , .		36
33	Net-X. Mobile Computing and Communications Review, 2007, 11, 84-95.	1.7	13
34	EIC Editorial. IEEE Transactions on Mobile Computing, 2007, 6, 145-147.	5.8	0
35	Routing Exploiting Multiple Heterogeneous Wireless Interfaces: A TCP Performance Study. , 2006, , .		3
36	Routing and link-layer protocols for multi-channel multi-interface ad hoc wireless networks. Mobile Computing and Communications Review, 2006, 10, 31-43.	1.7	359

#	ARTICLE	IF	CITATIONS
37	Performance of ad hoc routing using directional antennas. Ad Hoc Networks, 2005, 3, 157-173.	5.5	52
38	A Power Control MAC Protocol for Ad Hoc Networks. Wireless Networks, 2005, 11, 55-66.	3.0	154
39	On reliable broadcast in a radio network. , 2005, , .		50
40	Capacity of multi-channel wireless networks. , 2005, , .		342
41	Power aware routing using power control in Ad Hoc networks. Mobile Computing and Communications Review, 2005, 9, 7-18.	1.7	14
42	Multi-channel mac for ad hoc networks. , 2004, , .		1,037
43	MAC-layer anycasting in ad hoc networks. Computer Communication Review, 2004, 34, 75-80.	1.8	84
44	Impact of Directional Antennas on Ad Hoc Routing. Lecture Notes in Computer Science, 2003, , 590-600.	1.3	77
45	Using directional antennas for medium access control in ad hoc networks. , 2002, , .		513
46	Response Time in Data Broadcast Systems: Mean, Variance and Tradeoff. Mobile Networks and Applications, 2002, 7, 37-47.	3.3	15
47	A Mutual Exclusion Algorithm for Ad Hoc Mobile Networks. Wireless Networks, 2001, 7, 585-600.	3.0	97
48	Scheduling data broadcast in asymmetric communication environments. Wireless Networks, 1999, 5, 171-182.	3.0	252
49	Efficient algorithms for scheduling data broadcast. Wireless Networks, 1999, 5, 183-193.	3.0	124
50	A case for two-level distributed recovery schemes. , 1995, , .		46