

Hamid R Sadjadpour

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9230460/publications.pdf>

Version: 2024-02-01

60
papers

504
citations

1162889

8
h-index

1058333

14
g-index

60
all docs

60
docs citations

60
times ranked

458
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fair Power Allocation Approach to NOMA in Multiuser SISO Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 7974-7985.	3.9	72
2	Capacity of Wireless Networks with Social Behavior. IEEE Transactions on Wireless Communications, 2013, 12, 60-69.	6.1	36
3	A new NOMA approach for fair power allocation. , 2016, , .		36
4	On the throughput capacity of information-centric networks. , 2013, , .		33
5	Throughput Analysis of Decentralized Coded Content Caching in Cellular Networks. IEEE Transactions on Wireless Communications, 2017, 16, 663-672.	6.1	26
6	A Secure Approach for Caching Contents in Wireless Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10249-10258.	3.9	22
7	Effect of Social Groups on the Capacity of Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 3-13.	6.1	21
8	Multihop Caching-Aided Coded Multicasting for the Next Generation of Cellular Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2576-2585.	3.9	20
9	Capacity of cellular networks with femtocache. , 2016, , .		17
10	Fundamental Limits on Throughput Capacity in Information-Centric Networks. IEEE Transactions on Communications, 2016, 64, 5037-5049.	4.9	17
11	Fundamental limits of information dissemination in wireless ad hoc networks-part I: single-packet reception. IEEE Transactions on Wireless Communications, 2009, 8, 5749-5754.	6.1	11
12	Social interaction increases capacity of wireless networks. , 2013, , .		11
13	On the capacity improvement of multicast traffic with network coding. , 2008, , .		10
14	Optimal scaling of multicommodity flows in wireless ad hoc networks: Beyond the Gupta-Kumar barrier. , 2008, , .		10
15	The Capacity of Ad Hoc Networks with Heterogeneous Traffic Using Cooperation. , 2010, , .		10
16	Single-User mmWave Massive MIMO: SVD-based ADC Bit Allocation and Combiner Design. , 2018, , .		8
17	Leveraging edge caching in NOMA systems with QoS requirements. , 2018, , .		8
18	Fundamentals of Power Allocation Strategies for Downlink Multi-User NOMA With Target Rates. IEEE Transactions on Wireless Communications, 2020, 19, 1906-1917.	6.1	8

#	ARTICLE	IF	CITATIONS
19	Capacity of scale free wireless networks. , 2012, , .		7
20	Resolution-Based Content Discovery in Network of Caches: Is the Control Traffic an Issue?. IEEE Transactions on Communications, 2017, 65, 2943-2955.	4.9	7
21	Secure coded caching in wireless ad hoc networks. , 2017, , .		7
22	Capacity Analysis and Bit Allocation Design for Variable-Resolution ADCs in Massive MIMO. , 2018, , .		7
23	On the Power Allocation Limits for Downlink Multi-User NOMA with QoS. , 2018, , .		7
24	An Optimal Low-Complexity Energy-Efficient ADC Bit Allocation for Massive MIMO. IEEE Transactions on Green Communications and Networking, 2021, 5, 61-71.	3.5	7
25	Capacity-delay tradeoff for information dissemination modalities in wireless networks. , 2008, , .		6
26	Low Complexity Secure Code (LCSC) Design for Big Data in Cloud Storage Systems. , 2018, , .		6
27	Cooperation-Multiuser Diversity Tradeoff in Wireless Cellular Networks. , 2009, , .		5
28	Opportunistic Interference Management Increases the Capacity of Ad Hoc Networks. , 2010, , .		5
29	Opportunistic interference management: a new approach for multiantenna downlink cellular networks. Wireless Communications and Mobile Computing, 2015, 15, 1837-1850.	0.8	5
30	A joint combiner and bit allocation design for massive MIMO using genetic algorithm. , 2017, , .		5
31	Interference management: A new paradigm for wireless cellular networks. , 2009, , .		4
32	Antenna selection for opportunistic interference management in MIMO broadcast channels. , 2010, , .		4
33	QUIT: A cross-layer routing metric based on non-utilized outage capacity. , 2013, , .		4
34	Proactive or Reactive Routing: A Unified Analytical Framework in MANETs. , 2008, , .		3
35	Closing the capacity gap in wireless ad hoc networks using multi-packet reception. , 2008, , .		3
36	Multicast Throughput Order of Network Coding in Wireless Ad-hoc Networks. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
37	Capacity of distributed MIMO with finite size. , 2011, , .		3
38	Secure and Private Information Retrieval (SAPIR) in Cloud Storage Systems. IEEE Transactions on Vehicular Technology, 2018, 67, 12302-12312.	3.9	3
39	Distributed Channel Access Scheduling for Ad Hoc Networks using Virtual MIMO. , 2007, , .		2
40	Capacity scaling laws of information dissemination modalities in wireless ad hoc networks. , 2008, , .		2
41	Capacity of wireless ad-hoc networks under multipacket transmission and reception. , 2008, , .		2
42	Capacity of Wireless Networks with Heterogeneous Traffic. , 2009, , .		2
43	The capacity of Multihop Relay Wireless Networks. , 2010, , .		2
44	Cross-layer design of outage optimum routing metric for wireless ad hoc networks. Wireless Communications and Mobile Computing, 2011, 11, 1576-1587.	0.8	2
45	A New Approach for WLAN Channel Selection Based on Outage Capacity. , 2013, , .		2
46	Secure and private cloud storage systems with random linear fountain codes. , 2017, , .		2
47	Constrained Resource Allocation Problems in Communications: An Information-assisted Approach. , 2021, , .		2
48	On the Link Ergodic Capacity of MIMO MANETs using Cooperation. , 2006, , .		1
49	An upper bound for the capacity of distributed MIMO mobile Ad Hoc networks. , 2006, , .		1
50	Channel Access Using Opportunistic Reservations and Virtual MIMO. , 2008, , .		1
51	A closer look at the physical and protocol models for wireless ad hoc networks with multi-packet reception. , 2008, , .		1
52	A general framework for the capacity analysis of wireless ad hoc networks. , 2008, , .		1
53	Multi-user diversity in single-radio OFDMA ad hoc networks based on Gibbs sampling. , 2010, , .		1
54	Taking advantage of multi-user diversity in OFDM systems. , 2013, , .		1

#	ARTICLE	IF	CITATIONS
55	Taking advantage of multiuser diversity and beamforming in wireless cellular networks. , 2015, , .		1
56	Achieving Perfect Secrecy with One Bit Keys. , 2018, , .		1
57	The optimal throughput order of wireless ad hoc networks and how to achieve it. , 2008, , .		0
58	Systematic design of Space-Time convolutional codes. , 2008, , .		0
59	Capacity of social networks in wireless environments. , 2011, , .		0
60	A cross-layer metric for application-constrained MAC-aware capacity optimization. , 2014, , .		0