

Amitav Mukherjee

List of Publications by Year in descending order

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34
papers

2,557
citations

1163117

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1281871

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34
all docs

34
docs citations

34
times ranked

2340
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic Geometry Analysis of Reference Signal Spoofing Attack in Wireless Cellular Networks. , 2016, , .		1
2	MIMO Cognitive Radio User Selection With and Without Primary Channel State Information. IEEE Transactions on Vehicular Technology, 2016, 65, 985-991.	6.3	31
3	CSI-unaware scheduling for coexistence of MIMO-OFDMA device-to-device links and cellular mobile terminals. , 2015, , .		4
4	Underlay MIMO Cognitive Radio Downlink Scheduling with Multiple Primary Users and No CSI. , 2015, , .		16
5	Physical-Layer Security in the Internet of Things: Sensing and Communication Confidentiality Under Resource Constraints. Proceedings of the IEEE, 2015, 103, 1747-1761.	21.3	264
6	Energy Reallocation in a Multi-User Network With a Shared Harvesting Module and Storage Battery. IEEE Communications Letters, 2015, 19, 279-282.	4.1	6
7	Principles of Physical Layer Security in Multiuser Wireless Networks: A Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 1550-1573.	39.4	1,060
8	Jamming Games in the MIMO Wiretap Channel With an Active Eavesdropper. IEEE Transactions on Signal Processing, 2013, 61, 82-91.	5.3	135
9	Secure Communication Via an Untrusted Non-Regenerative Relay in Fading Channels. IEEE Transactions on Signal Processing, 2013, 61, 2536-2550.	5.3	230
10	Imbalanced Beamforming by a Multi-Antenna Source for Secure Utilization of an Untrusted Relay. IEEE Communications Letters, 2013, 17, 1309-1312.	4.1	7
11	Detecting passive eavesdroppers in the MIMO wiretap channel. , 2012, , .		123
12	Rank minimization designs for underlay MIMO cognitive radio networks with completely unknown primary CSI. , 2012, , .		8
13	Outage performance for amplify-and-forward channels with an unauthenticated relay. , 2012, , .		6
14	Secrecy analysis of unauthenticated amplify-and-forward relaying with antenna selection. , 2012, , .		9
15	Modified Waterfilling Algorithms for MIMO Spatial Multiplexing with Asymmetric CSI. IEEE Wireless Communications Letters, 2012, 1, 89-92.	5.0	7
16	A full-duplex active eavesdropper in mimo wiretap channels: Construction and countermeasures. , 2011, , .		64
17	Robust Beamforming for Security in MIMO Wiretap Channels With Imperfect CSI. IEEE Transactions on Signal Processing, 2011, 59, 351-361.	5.3	376
18	Prescient beamforming in multi-user interweave cognitive radio networks. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
19	Interference self-mitigating beamforming for the K-user MIMO IC. , 2011, , .		2
20	General Auction-Theoretic Strategies for Distributed Partner Selection in Cooperative Wireless Networks. IEEE Transactions on Communications, 2010, 58, 2903-2915.	7.8	28
21	Poisoned feedback: The impact of malicious users in closed-loop multiuser mimo systems. , 2010, , .		4
22	Coded DS-CDMA systems with iterative channel estimation and no pilot symbols. IEEE Transactions on Wireless Communications, 2010, 9, 2012-2021.	9.2	10
23	Securing multi-antenna two-way relay channels with analog network coding against eavesdroppers. , 2010, , .		34
24	Group Diversity on the Uplink of a Dense Coded-Cooperation Network. , 2009, , .		1
25	Competition and equilibrium in multiuser networks with multiple service providers. , 2009, , .		1
26	A Coalition Game Framework for Decode-and-Forward Relay Networks. , 2009, , .		6
27	Utility of beamforming strategies for secrecy in multiuser MIMO wiretap channels. , 2009, , .		43
28	Multicarrier Interleave-Division Multiple-Access Systems with Adaptive Pilot-Based User Interleavers. , 2009, , .		16
29	Training-feedback tradeoff in closed-loop synchronous DS-CDMA systems with adaptive user sequences. , 2009, , .		0
30	Election games for resource allocation in multicarrier multiuser wireless networks. , 2009, , .		4
31	Probabilistic Voting-Theoretic Strategies for Resource Allocation in Heterogenous Wireless Networks. , 2009, , .		3
32	CSI-Adaptive Encoded Pilot-Symbols for Iterative OFDM Receiver with IRA Coding. , 2009, , .		3
33	User selection in multiuser MIMO systems with secrecy considerations. , 2009, , .		12
34	Fixed-rate power allocation strategies for enhanced secrecy in MIMO wiretap channels. , 2009, , .		40