

Ahmed K Sadek

List of Publications by Year in descending order

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29
papers

2,081
citations

1040056

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33
all docs

33
docs citations

33
times ranked

1131
citing authors

#	ARTICLE	IF	CITATIONS
1	Multinode Cooperative Communications in Wireless Networks. IEEE Transactions on Signal Processing, 2007, 55, 341-355.	5.3	316
2	Cognitive multiple access via cooperation: Protocol design and performance analysis. IEEE Transactions on Information Theory, 2007, 53, 3677-3696.	2.4	295
3	Cooperative Communication Protocols in Wireless Networks: Performance Analysis and Optimum Power Allocation. Wireless Personal Communications, 2008, 44, 181-217.	2.7	274
4	Outage analysis and optimal power allocation for multinode relay networks. IEEE Signal Processing Letters, 2007, 14, 377-380.	3.6	165
5	SER performance analysis and optimum power allocation for decode-and-forward cooperation protocol in wireless networks. , 0, , .		128
6	A Distributed Relay-Assignment Algorithm for Cooperative Communications in Wireless Networks. , 2006, , .		81
7	On the energy efficiency of cooperative communications in wireless sensor networks. ACM Transactions on Sensor Networks, 2009, 6, 1-21.	3.6	73
8	SPC12-5: Relay Selection in Multi-Node Cooperative Communications: When to Cooperate and Whom to Cooperate with?. , 2006, , .		66
9	Design criteria and performance analysis for distributed space-time coding. IEEE Transactions on Vehicular Technology, 2008, 57, 2280-2292.	6.3	41
10	Cooperative communications protocol for multiuser OFDM networks. IEEE Transactions on Wireless Communications, 2008, 7, 2430-2435.	9.2	34
11	An efficient cooperation protocol to extend coverage area in cellular networks. , 2006, , .		30
12	A class of cooperative communication protocols for multi-node wireless networks. , 0, , .		27
13	Outage analysis of multi-node amplify-and-forward relay networks. , 2006, , .		27
14	When Does Cooperation Have Better Performance in Sensor Networks?. , 2006, , .		26
15	Clustered cooperative communications in wireless networks. , 2005, , .		24
16	Performance Analysis for Multi-Node Decode-And-Forward Relaying in Cooperative Wireless Networks. , 0, , .		20
17	Collaborative Multiple-Access Protocols for Wireless Networks. , 2006, , .		19
18	Cooperative Multiple Access for Wireless Networks: Protocols Design and Stability Analysis. , 2006, , .		14

#	ARTICLE	IF	CITATIONS
19	Transmit beamforming for space-frequency coded MIMO-OFDM systems with spatial correlation feedback. IEEE Transactions on Communications, 2008, 56, 1647-1655.	7.8	14
20	Multi-node cooperative resource allocation to improve coverage area in wireless networks. , 2005, , .		10
21	Listen-Before-Talk Versus Treating Interference as Noise for Spectrum Sharing. , 2008, , .		10
22	Bandwidth-efficient OFDM cooperative protocol with applications to UWB communications. , 2006, , .		9
23	Content-aware multiple access protocol for cooperative packet speech communications. IEEE Transactions on Wireless Communications, 2009, 8, 995-1005.	9.2	9
24	Maximum achievable diversity for MIMO-OFDM systems with arbitrary spatial correlation. , 2004, , .		4
25	WLC37-2: An Efficient Cooperative Protocol for Multiuser-OFDM Networks. , 2006, , .		4
26	Eigen-selection approach for joint beamforming and space-frequency coding in MIMO-OFDM systems with spatial correlation feedback. , 0, , .		2
27	WLC21-6: Protocol-Aware Design Criteria and Performance Analysis for Distributed Space-Time Coding. , 2006, , .		2
28	On Spectrum Sharing in Cooperative Multiple Access Networks. , 2008, , .		2
29	Synchronization-Aware Distributed Space-Time Codes in Wireless Relay Networks. , 2007, , .		0