

# Guocong Song

## List of Publications by Year in descending order

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11  
papers

1,411  
citations

1937457

4  
h-index

2272820

4  
g-index

11  
all docs

11  
docs citations

11  
times ranked

773  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-layer optimization for OFDM wireless networks-part I: theoretical framework. IEEE Transactions on Wireless Communications, 2005, 4, 614-624.	6.1	544
2	Cross-layer optimization for OFDM wireless networks-part II: algorithm development. IEEE Transactions on Wireless Communications, 2005, 4, 625-634.	6.1	363
3	Utility-based resource allocation and scheduling in OFDM-based wireless broadband networks. , 2005, 43, 127-134.		237
4	Asymptotic throughput analysis for channel-aware scheduling. IEEE Transactions on Communications, 2006, 54, 1827-1834.	4.9	98
5	Joint channel- and queue-aware scheduling for multiuser diversity in wireless OFDMA networks. IEEE Transactions on Communications, 2009, 57, 2109-2121.	4.9	60
6	Adaptive subcarrier and power allocation in OFDM based on maximizing utility. , 0, , .		52
7	Utility-based joint physical-MAC layer optimization in OFDM. , 0, , .		23
8	Adaptive resource allocation based on utility optimization in OFDM. , 0, , .		19
9	Asymptotic throughput analysis of distributed multichannel random access schemes. , 0, , .		9
10	Performance comparison of optimum beamforming and spatially matched filter in power-controlled CDMA systems. , 0, , .		4
11	Asymptotic throughput analysis of multiuser diversity. , 2005, , .		2