

# Rui Cao

## List of Publications by Year in descending order

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14  
papers

285  
citations

1684188

5  
h-index

2053705

5  
g-index

14  
all docs

14  
docs citations

14  
times ranked

296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Power and Location Optimization for Full-Duplex Decode-and-Forward Relaying. IEEE Transactions on Communications, 2015, 63, 4743-4753.	7.8	43
2	Relay-Aided Amplify-and-Forward Powerline Communications. IEEE Transactions on Smart Grid, 2013, 4, 265-272.	9.0	90
3	Relay Location Optimization for Full-Duplex Decode-and-Forward Relaying. , 2013, , .		11
4	The Affecting Factors in Resource Optimization for Cooperative Communications: A Case Study. IEEE Transactions on Wireless Communications, 2012, 11, 4351-4361.	9.2	22
5	Decomposed LT Codes for Cooperative Relay Communications. IEEE Journal on Selected Areas in Communications, 2012, 30, 407-414.	14.0	26
6	On the system capacity of relay-aided Powerline Communications. , 2011, , .		5
7	Reliable relay-aided underwater acoustic communications with hybrid DLT codes. , 2011, , .		3
8	The Design of Decomposed Luby Transform Codes. , 2011, , .		0
9	Decomposed Raptor codes for data-centric storage in underwater acoustic sensor networks. , 2010, , .		2
10	On the Capacity and System Design of Relay-Aided Underwater Acoustic Communications. , 2010, , .		30
11	Robust data-centric storage for underwater acoustic sensor networks. , 2009, , .		1
12	Optimum Resource Allocation for Amplify-and-Forward Relay Networks With Differential Modulation. IEEE Transactions on Signal Processing, 2008, 56, 5680-5691.	5.3	46
13	Practical issues on resource optimization for relay networks. , 2008, , .		4
14	Optimum Energy Allocation in Cooperative Networks: A Comparative Study. , 2007, , .		2