

# Bernhard Raaf

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

453  
citations

1684188

5  
h-index

2053705

5  
g-index

15  
all docs

15  
docs citations

15  
times ranked

342  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Relaying on Coverage in 3GPP LTE-Advanced. , 2009, , .		76
2	On the Coverage Extension and Capacity Enhancement of Inband Relay Deployments in LTE-Advanced Networks. Journal of Electrical and Computer Engineering, 2010, 2010, 1-12.	0.9	56
3	Future Mobile Communication Networks: Challenges in the Design and Operation. IEEE Vehicular Technology Magazine, 2012, 7, 16-23.	3.4	55
4	Performance Enhancement in LTE-Advanced Relay Networks via Relay Site Planning. , 2010, , .		47
5	Vision for Beyond 4G broadband radio systems. , 2011, , .		46
6	Impact of power control optimization on the system performance of relay based LTE-Advanced heterogeneous networks. Journal of Communications and Networks, 2011, 13, 345-359.	2.6	32
7	Analysis of the Impact of Site Planning on the Performance of Relay Deployments. IEEE Transactions on Vehicular Technology, 2012, 61, 3139-3150.	6.3	31
8	Comparison of Relay and Pico eNB Deployments in LTE-Advanced. , 2009, , .		25
9	Resource sharing in LTE-Advanced relay networks: uplink system performance analysis. Transactions on Emerging Telecommunications Technologies, 2013, 24, 32-48.	3.9	21
10	Flexible Backhaul Resource Sharing and Uplink Power Control Optimization in LTE-Advanced Relay Networks. , 2011, , .		17
11	Uplink performance optimization in relay enhanced LTE-Advanced networks. , 2009, , .		15
12	System Optimization in Relay Enhanced LTE-Advanced Networks via Uplink Power Control. , 2010, , .		15
13	Two-step resource sharing and uplink power control optimization in LTE-Advanced relay networks. , 2011, , .		9
14	A divide-and-conquer approach to mitigate relay-to-relay interference. , 2011, , .		6