

# Christian Raack

## List of Publications by Year in descending order

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13  
papers

400  
citations

1306789

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1588620

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g-index

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14  
docs citations

14  
times ranked

360  
citing authors

#	ARTICLE	IF	CITATIONS
1	Saving energy in IP-over-WDM networks by switching off line cards in low-demand scenarios. , 2010, , .		84
2	On cut-based inequalities for capacitated network design polyhedra. Networks, 2011, 57, 141-156.	1.6	70
3	Dynamic routing at different layers in IP-over-WDM networks " Maximizing energy savings. Optical Switching and Networking, 2011, 8, 181-200.	1.2	61
4	Robust network design: Formulations, valid inequalities, and computations. Networks, 2013, 61, 128-149.	1.6	59
5	Affine recourse for the robust network design problem: Between static and dynamic routing. Networks, 2013, 61, 180-198.	1.6	40
6	Towards optimizing the deployment of optical access networks. EURO Journal on Computational Optimization, 2014, 2, 17-53.	1.5	32
7	The Mcf-separator: detecting and exploiting multi-commodity flow structures in MIPs. Mathematical Programming Computation, 2010, 2, 125-165.	3.2	30
8	On the Robustness of Optimal Network Designs. , 2011, , .		11
9	A note on the MIR closure and basic relaxations of polyhedra. Operations Research Letters, 2011, 39, 198-199.	0.5	9
10	Branch-and-Cut Techniques for Solving Realistic Two-Layer Network Design Problems. Texts in Theoretical Computer Science, 2009, , 95-118.	0.5	3
11	Cost optimal positioning of hybrid access multi-path entities. , 2015, , .		1
12	Topology optimization of IP and WDM transport networks with respect to content delivery functions. , 2015, , .		0
13	Cutset Inequalities for Robust Network Design. Lecture Notes in Computer Science, 2011, , 118-123.	1.0	0