

# Danny Raz

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27  
papers

881  
citations

11  
h-index

29  
g-index

32  
ext. papers

1,018  
ext. citations

2.3  
avg, IF

4.07  
L-index

#	Paper	IF	Citations
27	A simple efficient approximation scheme for the restricted shortest path problem. <i>Operations Research Letters</i> , <b>2001</b> , 28, 213-219	1	172
26	An efficient approximation for the Generalized Assignment Problem. <i>Information Processing Letters</i> , <b>2006</b> , 100, 162-166	0.8	163
25	A Stable Network-Aware VM Placement for Cloud Systems <b>2012</b> ,		121
24	On the effect of forwarding table size on SDN network utilization <b>2014</b> ,		83
23	Approximating total flow time on parallel machines <b>1997</b> ,		78
22	Approximating total flow time on parallel machines. <i>Journal of Computer and System Sciences</i> , <b>2007</b> , 73, 875-891	1	53
21	Exact Worst Case TCAM Rule Expansion. <i>IEEE Transactions on Computers</i> , <b>2013</b> , 62, 1127-1140	2.5	34
20	Almost optimal virtual machine placement for traffic intense data centers <b>2013</b> ,		33
19	Cell Selection in 4G Cellular Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2013</b> , 12, 1443-1455	4.6	28
18	Replication-Based Load Balancing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2016</b> , 27, 494-507	3.7	18
17	Simple Efficient TCAM Based Range Classification <b>2010</b> ,		15
16	Network aware virtual machine and image placement in a cloud <b>2013</b> ,		11
15	Efficient QoS Partition and Routing of Unicast and Multicast. <i>IEEE/ACM Transactions on Networking</i> , <b>2006</b> , 14, 1336-1347	3.8	10
14	A Comparison of Exact and $\beta$ -Approximation Algorithms for Constrained Routing. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 197-208	0.9	9
13	Resource allocation and management in Cloud Computing <b>2015</b> ,		8
12	Workload factoring with the cloud: A game-theoretic perspective <b>2012</b> ,		8
11	Update aware replica placement <b>2013</b> ,		7

10	Multi-Cell Slots Allocation in OFDMA Systems <b>2007</b> ,		7
9	Building Edge-Failure Resilient Networks. <i>Algorithmica</i> , <b>2005</b> , 43, 17-41	0.9	6
8	Cost effective resource allocation of overlay routing relay nodes <b>2011</b> ,		5
7	Workload Factoring: A Game-Theoretic Perspective. <i>IEEE/ACM Transactions on Networking</i> , <b>2015</b> , 23, 1998-2009	3.8	4
6	Schedule first, manage later: Network-aware load balancing <b>2013</b> ,		3
5	Efficient Use of Geographically Spread Cloud Resources <b>2013</b> ,		2
4	Efficient Location-Based Decision-Supporting Content Distribution to Mobile Groups. <i>IEEE/ACM Transactions on Networking</i> , <b>2012</b> , 20, 1514-1526	3.8	1
3	Efficient detection of flow anomalies with limited monitoring resources <b>2016</b> ,		1
2	Routing-Oblivious Network-Wide Measurements. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 1-13	3.8	0
1	Risk Aware Stochastic Placement of Cloud Services. <i>IEEE/ACM Transactions on Networking</i> , <b>2021</b> , 29, 805-820	3.8	0