Hung Q. Ngo

List of Publications by Year
in descending order

42 papers	874 citations	933447 10 h-index	752698 20 g-index
43 all docs	43 docs citations	43 times ranked	359 citing authors

#	Article	IF	Citations
1	Functional Aggregate Queries with Additive Inequalities. ACM Transactions on Database Systems, 2020, 45, 1-41.	2.8	10
2	Learning Models over Relational Data: A Brief Tutorial. Lecture Notes in Computer Science, 2019, , 423-432.	1.3	6
3	Towards self-learning based hypotheses generation in biomedical text domain. Bioinformatics, 2018, 34, 2103-2115.	4.1	16
4	Worst-case Optimal Join Algorithms. Journal of the ACM, 2018, 65, 1-40.	2.2	62
5	AC/DC. , 2018, , .		32
6	In-Database Learning with Sparse Tensors. , 2018, , .		39
7	Worst-Case Optimal Join Algorithms. , 2018, , .		23
8	What Do Shannon-type Inequalities, Submodular Width, and Disjunctive Datalog Have to Do with One Another?. , 2017, , .		36
9	Juggling Functions Inside a Database. SIGMOD Record, 2017, 46, 6-13.	1.2	9
10	Joins via Geometric Resolutions. ACM Transactions on Database Systems, 2016, 41, 1-45.	2.8	19
11	Computing Join Queries with Functional Dependencies. , 2016, , .		14
12	FAQ. , 2016, , .		89
13	Joins via Geometric Resolutions. , 2015, , .		17
14	Join Processing for Graph Patterns. , 2015, , .		31
15	Skew strikes back. SIGMOD Record, 2014, 42, 5-16.	1.2	127
16	Black-Box Trace&Revoke Codes. Algorithmica, 2013, 67, 418-448.	1.3	2
17	Linear Programming Analysis of SwitchingÂNetworks. , 2013, , 1755-1814.		1
18	Constructions of given-depth and optimal multirate rearrangeably nonblocking distributors. Journal of Combinatorial Optimization, 2012, 24, 468-484.	1.3	0

#	ARTICLE	IF	CITATIONS
19	Worst-case optimal join algorithms. , 2012, , .		106
20	A linear programming duality approach to analyzing strictly nonblocking d-ary multilog networks underÂgeneral crosstalk constraints. Journal of Combinatorial Optimization, 2011, 21, 108-123.	1.3	1
21	Analyzing Nonblocking Switching Networks using Linear Programming &#40;Duality&#41;. , 2010, , .		0
22	ANALYZING NONBLOCKING MULTILOG NETWORKS WITH THE KÃ—NIGâ€"EGEVARÃ•THEOREM. Discrete Mathematics, Algorithms and Applications, 2009, 01, 127-139.	0.6	2
23	MoPADS: A Mobility Profile Aided File Downloading Service in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 5235-5246.	6.3	22
24	On the trade-off between speed and resiliency of Flash worms and similar malcodes. Journal in Computer Virology, 2009, 5, 309-320.	1.9	1
25	Rearrangeable and Nonblocking $[w,f]$-Distributors. IEEE/ACM Transactions on Networking, 2009, 17, 990-1001.	3.8	3
26	On the effectiveness of structural detection and defense against P2P-based botnets. , 2009, , .		26
27	On a hyperplane arrangement problem and tighter analysis of an error-tolerant pooling design. Journal of Combinatorial Optimization, 2008, 15, 61-76.	1.3	5
28	Strictly Nonblocking f-Cast Photonic Switching Networks under General Crosstalk Constraints. , 2008, , .		0
29	Crosstalk-Free Widesense Nonblocking Multicast Photonic Switching Networks. , 2008, , .		0
30	On "Shooting" a Moving Vehicle with Data Flows. , 2007, , .		7
31	Constructions of Given-Depth and Optimal Multirate Rearrangeably Nonblocking Distributors. , 2007, , .		0
32	Optical Switching Networks With Minimum Number of Limited-Range Wavelength Converters. IEEE/ACM Transactions on Networking, 2007, 15, 969-979.	3.8	15
33	On profiling mobility and predicting locations of wireless users. , 2006, , .		36
34	WSN13-6: Routing on Overlay Graphs in Mobile Ad Hoc Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	10
35	On the Hardness of Approximating the Min-Hack Problem. Journal of Combinatorial Optimization, 2005, 9, 295-311.	1.3	2
36	WDM Switching Networks, Rearrangeable and Nonblocking [w,f]-connectors. SIAM Journal on Computing, 2005, 35, 766-785.	1.0	8

#	Article	IF	Citations
37	A new routing algorithm for multirate rearrangeable Clos networks. Theoretical Computer Science, 2003, 290, 2157-2167.	0.9	12
38	Multirate Rearrangeable Clos Networks and a Generalized Edge-Coloring Problem on Bipartite Graphs. SIAM Journal on Computing, 2003, 32, 1040-1049.	1.0	10
39	DIP3S: A DISTRIBUTED ROUTING ALGORITHM FOR POWER-CONSERVING BROADCASTING IN WIRELESS AD HOC NETWORKS. , 2003, , .		5
40	Optimal Consecutive-k-out-of-n: G Cycle for n leq 2k+1. SIAM Journal on Discrete Mathematics, 2002, 15, 305-316.	0.8	4
41	New constructions of non-adaptive and error-tolerance pooling designs. Discrete Mathematics, 2002, 243, 161-170.	0.7	58
42	Optimal Consecutive-k-out-of-(2k+1): G Cycle. Journal of Global Optimization, 2001, 19, 51-60.	1.8	8