

Hung Q Ngo

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

874
citations

933447

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752698

20
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43
all docs

43
docs citations

43
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Skew strikes back. SIGMOD Record, 2014, 42, 5-16.	1.2	127
2	Worst-case optimal join algorithms. , 2012, , .		106
3	FAQ. , 2016, , .		89
4	Worst-case Optimal Join Algorithms. Journal of the ACM, 2018, 65, 1-40.	2.2	62
5	New constructions of non-adaptive and error-tolerance pooling designs. Discrete Mathematics, 2002, 243, 161-170.	0.7	58
6	In-Database Learning with Sparse Tensors. , 2018, , .		39
7	On profiling mobility and predicting locations of wireless users. , 2006, , .		36
8	What Do Shannon-type Inequalities, Submodular Width, and Disjunctive Datalog Have to Do with One Another?. , 2017, , .		36
9	AC/DC. , 2018, , .		32
10	Join Processing for Graph Patterns. , 2015, , .		31
11	On the effectiveness of structural detection and defense against P2P-based botnets. , 2009, , .		26
12	Worst-Case Optimal Join Algorithms. , 2018, , .		23
13	MoPADS: A Mobility Profile Aided File Downloading Service in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 5235-5246.	6.3	22
14	Joins via Geometric Resolutions. ACM Transactions on Database Systems, 2016, 41, 1-45.	2.8	19
15	Joins via Geometric Resolutions. , 2015, , .		17
16	Towards self-learning based hypotheses generation in biomedical text domain. Bioinformatics, 2018, 34, 2103-2115.	4.1	16
17	Optical Switching Networks With Minimum Number of Limited-Range Wavelength Converters. IEEE/ACM Transactions on Networking, 2007, 15, 969-979.	3.8	15
18	Computing Join Queries with Functional Dependencies. , 2016, , .		14

#	ARTICLE	IF	CITATIONS
19	A new routing algorithm for multirate rearrangeable Clos networks. Theoretical Computer Science, 2003, 290, 2157-2167.	0.9	12
20	Multirate Rearrangeable Clos Networks and a Generalized Edge-Coloring Problem on Bipartite Graphs. SIAM Journal on Computing, 2003, 32, 1040-1049.	1.0	10
21	WSN13-6: Routing on Overlay Graphs in Mobile Ad Hoc Networks. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	10
22	Functional Aggregate Queries with Additive Inequalities. ACM Transactions on Database Systems, 2020, 45, 1-41.	2.8	10
23	Juggling Functions Inside a Database. SIGMOD Record, 2017, 46, 6-13.	1.2	9
24	Optimal Consecutive-k-out-of-(2k+1): G Cycle. Journal of Global Optimization, 2001, 19, 51-60.	1.8	8
25	WDM Switching Networks, Rearrangeable and Nonblocking [w,f]-connectors. SIAM Journal on Computing, 2005, 35, 766-785.	1.0	8
26	On "Shooting" a Moving Vehicle with Data Flows. , 2007, , .		7
27	Learning Models over Relational Data: A Brief Tutorial. Lecture Notes in Computer Science, 2019, , 423-432.	1.3	6
28	DIP3S: A DISTRIBUTED ROUTING ALGORITHM FOR POWER-CONSERVING BROADCASTING IN WIRELESS AD HOC NETWORKS. , 2003, , .		5
29	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
30	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
31	Rearrangeable and Nonblocking $[w,f]$ -Distributors. IEEE/ACM Transactions on Networking, 2009, 17, 990-1001.	3.8	3
32	On the Hardness of Approximating the Min-Hack Problem. Journal of Combinatorial Optimization, 2005, 9, 295-311.	1.3	2
33	ANALYZING NONBLOCKING MULTILOG NETWORKS WITH THE KÄ–NIGÄ“EGEVARÄ•THEOREM. Discrete Mathematics, Algorithms and Applications, 2009, 01, 127-139.	0.6	2
34	Black-Box Trace&Revoke Codes. Algorithmica, 2013, 67, 418-448.	1.3	2
35	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
36	A linear programming duality approach to analyzing strictly nonblocking d-ary multilog networks under general crosstalk constraints. Journal of Combinatorial Optimization, 2011, 21, 108-123.	1.3	1

#	ARTICLE	IF	CITATIONS
37	Linear Programming Analysis of Switching Networks. , 2013, , 1755-1814.		1
38	Constructions of Given-Depth and Optimal Multirate Rearrangeably Nonblocking Distributors. , 2007, , .		0
39	Strictly Nonblocking f-Cast Photonic Switching Networks under General Crosstalk Constraints. , 2008, , .		0
40	Crosstalk-Free Widesense Nonblocking Multicast Photonic Switching Networks. , 2008, , .		0
41	Analyzing Nonblocking Switching Networks using Linear Programming (Duality). , 2010, , .		0
42	Constructions of given-depth and optimal multirate rearrangeably nonblocking distributors. Journal of Combinatorial Optimization, 2012, 24, 468-484.	1.3	0