

Sudipta Sengupta

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

3,209
citations

1040056

9
h-index

1372567

10
g-index

19
all docs

19
docs citations

19
times ranked

2236
citing authors

#	ARTICLE	IF	CITATIONS
1	VL2. , 2009, , .		1,297
2	The nature of data center traffic. , 2009, , .		784
3	VL2. Communications of the ACM, 2011, 54, 95-104.	4.5	327
4	Towards a next generation data center architecture. , 2008, , .		177
5	FlashStore. Proceedings of the VLDB Endowment, 2010, 3, 1414-1425.	3.8	160
6	Techniques for scheduling with rejection. Journal of Algorithms, 2003, 49, 175-191.	0.9	134
7	Utility maximization in peer-to-peer systems. , 2008, , .		77
8	BloomFlash: Bloom Filter on Flash-Based Storage. , 2011, , .		48
9	LLAMA. Proceedings of the VLDB Endowment, 2013, 6, 877-888.	3.8	40
10	Utility Maximization in Peer-to-Peer Systems With Applications to Video Conferencing. IEEE/ACM Transactions on Networking, 2012, 20, 1681-1694.	3.8	39
11	Multi-rate peer-to-peer video conferencing: A distributed approach using scalable coding. , 2009, , .		33
12	Schema-agnostic indexing with Azure DocumentDB. Proceedings of the VLDB Endowment, 2015, 8, 1668-1679.	3.8	26
13	Utility maximization in peer-to-peer systems. Performance Evaluation Review, 2008, 36, 169-180.	0.6	20
14	Optimizing Multi-Rate Peer-to-Peer Video Conferencing Applications. IEEE Transactions on Multimedia, 2011, 13, 856-868.	7.2	14
15	Preconfiguring IP-over-Optical Networks to Handle Router Failures and Unpredictable Traffic. IEEE Journal on Selected Areas in Communications, 2007, 25, 934-948.	14.0	12
16	Throughput Guaranteed Restorable Routing Without Traffic Prediction. , 2006, , .		8
17	Resilient routing of variable traffic with performance guarantees. , 2009, , .		7
18	End-to-End Restorable Oblivious Routing of Hose Model Traffic. IEEE/ACM Transactions on Networking, 2011, 19, 1223-1236.	3.8	6

#	ARTICLE	IF	CITATIONS
19	<p>μ-optimization schemes and L-bit precision: Alternative perspectives for solving combinatorial optimization problems. <i>Discrete Optimization</i>, 2008, 5, 550-561.</p>	0.9	0