Alak Datta

List of Publications by Year
in descending order

14	45	2258059	2053705
		3	5
papers	citations	h-index	g-index

15	15	15	37
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spanning cactus: Complexity and extensions. Discrete Applied Mathematics, 2017, 233, 19-28.	0.9	4
2	Hardness of crosstalk minimization in two-layer channel routing. The Integration VLSI Journal, 2017, 56, 139-147.	2.1	2
3	<inline-formula> <tex-math notation="LaTeX">K</tex-math> </inline-formula>-Terminal Reliability of <inline-formula> <tex-math notation="LaTeX">d</tex-math> </inline-formula>-Trapezoid Graphs. IEEE Transactions on Reliability, 2016, 65, 1240-1247.	4.6	3
4	Approximate spanning cactus. Information Processing Letters, 2015, 115, 828-832.	0.6	4
5	Yet an efficient algorithm for computing reduced area VLSI channel routing solutions with floating terminals. , 2011, , .		0
6	A graph based algorithm to minimize total wire length in VLSI channel routing. , 2011, , .		6
7	Generation of random channel specifications for channel routing problem. , 2008, , .		0
8	Algorithms for high performance two-layer channel routing. , 2007, , .		5
9	o(log4‰n) time parallel maximal matching algorithm using linear number of processors. International Journal of Parallel, Emergent and Distributed Systems, 2004, 19, 19-32.	0.4	2
10	IMPROVED PARALLEL ALGORITHM FOR MAXIMAL MATCHING BASED ON DEPTH-FIRST-SEARCH. International Journal of Parallel, Emergent and Distributed Systems, 2000, 14, 321-327.	0.4	1
11	An efficient scheme to solve two problems for two-terminal series parallel graphs. Information Processing Letters, 1999, 71, 9-15.	0.6	2
12	1-Approximation algorithm for bottleneck disjoint path matching. Information Processing Letters, 1995, 55, 41-44.	0.6	10
13	A PARALLEL ALGORITHM FOR MAXIMAL MATCHING BASED ON DEPTH FIRST SEARCH. International Journal of Parallel, Emergent and Distributed Systems, 1995, 5, 161-164.	0.4	1
14	An efficient parallel algorithm for maximal matching. Lecture Notes in Computer Science, 1992, , 813-814.	1.3	2