

# Satyabrata Dash

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6418050/publications.pdf>

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18  
papers

75  
citations

2258059

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h-index

2053705

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18  
all docs

18  
docs citations

18  
times ranked

55  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis, Modeling and Optimization of Equal Segment Based Approximate Adders. IEEE Transactions on Computers, 2019, 68, 314-330.	3.4	15
2	PGIREM: Reliability-Constrained IR Drop Minimization and Electromigration Assessment of VLSI Power Grid Networks Using Cooperative Coevolution. , 2018, , .		9
3	Analog Circuit Optimization Based on Hybrid Particle Swarm Optimization. , 2015, , .		8
4	Optimization of 2.4 GHz CMOS Low Noise Amplifier Using Hybrid Particle Swarm Optimization with Lévy Flight. , 2017, , .		8
5	Multiobjective analog/RF circuit sizing using an improved brain storm optimization algorithm. Memetic Computing, 2018, 10, 423-440.	4.0	8
6	CMOS analog circuit optimization via river formation dynamics. , 2016, , .		5
7	Markov Chain Model Using Lévy Flight for VLSI Power Grid Analysis. , 2017, , .		5
8	A hierarchy in mutation of genetic algorithm and its application to multi-objective analog/RF circuit optimization. Analog Integrated Circuits and Signal Processing, 2018, 94, 27-47.	1.4	5
9	Minimizing area of VLSI power distribution networks using river formation dynamics. Journal of Systems and Information Technology, 2018, 20, 417-429.	1.7	4
10	Analog circuit optimization using adjoint network based sensitivity analysis. AEU - International Journal of Electronics and Communications, 2017, 82, 221-225.	2.9	3
11	Applying River Formation Dynamics to Analyze VLSI Power Grid Networks. , 2016, , .		2
12	Power grid analysis on parallel computing platforms. , 2015, , .		1
13	A method of analog circuit optimization using adjoint sensitivity analysis. , 2015, , .		1
14	RiverOpt: A Multiobjective Optimization Framework Based on Modified River Formation Dynamics Heuristic. , 2019, , .		1
15	Parallel two step random walk algorithm to analyze VLSI power grid networks. , 2015, , .		0
16	StormOptimus: A Single Objective Constrained Optimizer Based on Brainstorming Process for VLSI Circuits. Adaptation, Learning, and Optimization, 2019, , 221-243.	0.6	0
17	A Cooperative Co-evolution based Scalable Framework for Solving Large-Scale Global optimization Problems. , 2019, , .		0
18	Convergence Analysis of River Formation Dynamics Algorithm. , 2019, , .		0