

Sukanta Dey

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

66
citations

2258059

3
h-index

1872680

6
g-index

14
all docs

14
docs citations

14
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	PGOpt: Multi-objective design space exploration framework for large-Scale on-chip power grid design in VLSI SoC using evolutionary computing technique. <i>Microprocessors and Microsystems</i> , 2021, 81, 103440.	2.8	3
2	Machine Learning for VLSI CAD: A Case Study in On-Chip Power Grid Design. , 2021, , .		4
3	PowerPlanningDL: Reliability-Aware Framework for On-Chip Power Grid Design using Deep Learning. , 2020, , .		9
4	Energy Efficient Approach to Detect Sinkhole Attack Using Roving IDS in 6LoWPAN Network. <i>Communications in Computer and Information Science</i> , 2020, , 187-207.	0.5	12
5	Machine Learning Approach for Fast Electromigration Aware Aging Prediction in Incremental Design of Large Scale On-chip Power Grid Network. <i>ACM Transactions on Design Automation of Electronic Systems</i> , 2020, 25, 1-29.	2.6	7
6	ReFIT: Reliability Challenges and Failure Rate Mitigation Techniques for IoT Systems. <i>Communications in Computer and Information Science</i> , 2020, , 123-142.	0.5	1
7	RiverOpt: A Multiobjective Optimization Framework Based on Modified River Formation Dynamics Heuristic. , 2019, , .		1
8	StormOptimus: A Single Objective Constrained Optimizer Based on Brainstorming Process for VLSI Circuits. <i>Adaptation, Learning, and Optimization</i> , 2019, , 221-243.	0.6	0
9	EvadePDF: Towards Evading Machine Learning Based PDF Malware Classifiers. <i>Communications in Computer and Information Science</i> , 2019, , 140-150.	0.5	9
10	JSpongeGen: A Pseudo Random Generator for Low Resource Devices. <i>Lecture Notes in Computer Science</i> , 2019, , 410-421.	1.3	0
11	Minimizing area of VLSI power distribution networks using river formation dynamics. <i>Journal of Systems and Information Technology</i> , 2018, 20, 417-429.	1.7	4
12	PGIREM: Reliability-Constrained IR Drop Minimization and Electromigration Assessment of VLSI Power Grid Networks Using Cooperative Coevolution. , 2018, , .		9
13	Markov Chain Model Using LÃ©vy Flight for VLSI Power Grid Analysis. , 2017, , .		5