Sukanta Dey

List of Publications by Year
in descending order

		2258059	1872680
13 papers	66 citations	3 h-index	6 g-index
14 all docs	14 docs citations	14 times ranked	21 citing authors

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