

Sandip Ray

List of Publications by Year in descending order

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13
papers

291
citations

1937685

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h-index

1872680

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g-index

13
all docs

13
docs citations

13
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	AINNS: All-Inclusive Neural Network Scheduling Via Accelerator Formalization. IEEE Transactions on Computers, 2023, 72, 559-571.	3.4	0
2	GCONV Chain: Optimizing the Whole-Life Cost in End-to-end CNN Acceleration. IEEE Transactions on Computers, 2022, 71, 2300-2312.	3.4	2
3	Resilient Cooperative Adaptive Cruise Control for Autonomous Vehicles Using Machine Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 15655-15672.	8.0	18
4	SoCCom: Automated Synthesis of System-on-Chip Architectures. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2022, 30, 449-462.	3.1	2
5	Resiliency in Connected Vehicle Applications: Challenges and Approaches for Security Validation. , 2022, , .		1
6	SoCCAR: Detecting System-on-Chip Security Violations Under Asynchronous Resets. , 2021, , .		2
7	Resilient System-on-Chip Designs With NoC Fabrics. IEEE Transactions on Information Forensics and Security, 2020, 15, 2808-2823.	6.9	8
8	Safety, Security, and Reliability: The Automotive Robustness Problem and an Architectural Solution. , 2019, , .		5
9	Internet-of-Things Security and Vulnerabilities: Taxonomy, Challenges, and Practice. Journal of Hardware and Systems Security, 2018, 2, 97-110.	1.3	128
10	Security Assurance for System-on-Chip Designs With Untrusted IPs. IEEE Transactions on Information Forensics and Security, 2017, 12, 1515-1528.	6.9	50
11	A Post-Silicon Trace Analysis Approach for System-on-Chip Protocol Debug. , 2017, , .		7
12	Exploiting design-for-debug for flexible SoC security architecture. , 2016, , .		28
13	A flexible architecture for systematic implementation of SoC security policies. , 2015, , .		40