Xun Jiao

List of Publications by Year
in descending order

15 papers	152 citations	1937685 4 h-index	1720034 7 g-index
15 all docs	15 docs citations	15 times ranked	127 citing authors

#	Article	IF	Citations
1	An assessment of vulnerability of hardware neural networks to dynamic voltage and temperature variations. , 2017, , .		33
2	CLIM: A Cross-Level Workload-Aware Timing Error Prediction Model for Functional Units. IEEE Transactions on Computers, 2018, 67, 771-783.	3.4	26
3	SLoT: A supervised learning model to predict dynamic timing errors of functional units. , 2017, , .		21
4	DeepFuzzer: Accelerated Deep Greybox Fuzzing. IEEE Transactions on Dependable and Secure Computing, 2020, , 1-1.	5.4	16
5	Assessing Robustness of Hyperdimensional Computing Against Errors in Associative Memory : (Invited) Tj ETQq1 1 0.784314 rgBT /Ov		11
6	LEVAX: An Input-Aware Learning-Based Error Model of Voltage-Scaled Functional Units. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 5032-5041.	2.7	9
7	WILD: A workload-based learning model to predict dynamic delay of functional units. , 2016, , .		8
8	TEVoT: Timing Error Modeling of Functional Units under Dynamic Voltage and Temperature Variations. , 2020, , .		8
9	Semantic Learning and Emulation Based Cross-Platform Binary Vulnerability Seeker. IEEE Transactions on Software Engineering, 2021, 47, 2575-2589.	5.6	6
10	Towards scalable, secure, and smart mission-critical IoT systems. , 2021, , .		5
11	DEVoT: Dynamic Delay Modeling of Functional Units Under Voltage and Temperature Variations. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2022, 41, 827-839.	2.7	3
12	WoMA: An Input-Based Learning Model to Predict Dynamic Workload of Embedded Applications. IEEE Embedded Systems Letters, 2020, 12, 74-77.	1.9	2
13	Vulnerability of Hardware Neural Networks to Dynamic Operation Point Variations. IEEE Design and Test, 2020, 37, 75-84.	1.2	2
14	Energy Efficient GPU Applications Through Computation Skip. , 2019, , .		1
15	Detecting and Bypassing Trivial Computations in Convolutional Neural Networks. , 2019, , .		1