Sameh El-Ashry

List of Publications by Year
in descending order

14 papers	85 citations	3311381 1 h-index	3475538 1 g-index
14 all docs	14 docs citations	14 times ranked	38 citing authors

#	Article	IF	Citations
1	On Error Injection for NoC Platforms: A UVM-Based Generic Verification Environment. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2020, 39, 1137-1150.	2.7	14
2	RVNoC: A Framework for Generating RISC-V NoC-Based MPSoC. , 2018, , .		12
3	A reusable verification environment for NoC platforms using UVM. , 2017, , .		9
4	Memory controller architectures: A comparative study. , 2013, , .		7
5	On Error Injection for NoC Platforms. , 2017, , .		7
6	A Configurable RISC-V for NoC-Based MPSoCs: A Framework for Hardware Emulation. , 2018, , .		7
7	A functional coverage approach for direct testing: An industrial IP as a case study. , 2015, , .		6
8	A narrative of UVM testbench environment for interconnection routers: A practical approach. , 2016, , .		5
9	Coverage Closure Efficient UVM Based Generic Verification Architecture for Flash Memory Controllers. , 2016, , .		4
10	A novel memory controller architecture. , 2014, , .		3
11	Different Reference Models for UVM Environment to Speed Up the Verification Time. , 2018, , .		3
12	Fast Reliable Verification Methodology for RISC-V Without a Reference Model. , 2018, , .		3
13	Efficient Methodology of Sampling UVM RAL During Simulation for SoC Functional Coverage. , 2018, , .		3
14	A novel assertion-based CAD tool for automatic extraction of functional coverage. , 2016, , .		2