Carlos-F Nicolas

List of Publications by Year
in descending order

16	63	2682572 2	2272923 4
papers	citations	h-index	g-index

17	17	17	55
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Assessing and Improving the Suitability of Model-Based Design for GPU-Accelerated Railway Control Systems. Lecture Notes in Computer Science, 2021, , 68-83.	1.3	1
2	GMAI. Transactions on Embedded Computing Systems, 2020, 19, 1-23.	2.9	5
3	GSN Support of Mixed-Criticality Systems Certification. Lecture Notes in Computer Science, 2017, , 157-172.	1.3	1
4	A CAN Restbus HiL Elevator Simulator Based on Code Reuse and Device Para-Virtualization. , 2017, , .		3
5	Multiplex: A co-simulation architecture for elevators validation. , 2017, , .		7
6	Modular Development and Certification of Dependable Mixed-Criticality Systems. , 2017, , .		1
7	Model-Based Development of an FPGA Encoder Simulator for Real-Time Testing of Elevator Controllers. , 2016, , .		8
8	A Realistic Approach to a Network-on-Chip Cross-Domain Pattern. , 2016, , .		2
9	Temporal independence validation of an IEC-61508 compliant mixed-criticality system based on multicore partitioning. , 2015, , .		2
10	A Safety Certification Strategy for IEC-61508 Compliant Industrial Mixed-Criticality Systems Based on Multicore Partitioning. , 2014, , .		10
11	Modeling logical execution time based safety-critical embedded systems in SystemC. , 2014, , .		5
12	Modeling and Simulated Fault Injection for Time-Triggered Safety-Critical Embedded Systems. , 2014, , .		6
13	A novel modeling framework for time-triggered safety-critical embedded systems. , 2014, , .		4
14	A Simulated Fault Injection Framework for Time-Triggered Safety-Critical Embedded Systems. Lecture Notes in Computer Science, 2014, , 1-16.	1.3	1
15	Modeling time-triggered architecture based safety-critical embedded systems using SystemC. , 2010, , .		4
16	Derivation of fuzzy hybrid models for real-time fuzzy control design: Application to a furnace. Annual Review in Automatic Programming, 1994, 19, 85-89.	0.2	0