

Zhenkai Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

156
citations

1936888

4
h-index

1872312

6
g-index

20
all docs

20
docs citations

20
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	A co-simulation framework for design of time-triggered automotive cyber physical systems. Simulation Modelling Practice and Theory, 2014, 43, 16-33.	2.2	34
2	Model-Based Control Design and Integration of Cyberphysical Systems: An Adaptive Cruise Control Case Study. Journal of Control Science and Engineering, 2013, 2013, 1-15.	0.8	23
3	Co-simulation framework for design of time-triggered cyber physical systems. , 2013, , .		21
4	Integrated moving target defense and control reconfiguration for securing Cyber-Physical systems. Microprocessors and Microsystems, 2020, 73, 102954.	1.8	15
5	Triggering Rowhammer Hardware Faults on ARM. , 2018, , .		14
6	Modeling Time-Triggered Ethernet in SystemC/TLM for Virtual Prototyping of Cyber-Physical Systems. IFIP Advances in Information and Communication Technology, 2013, , 318-330.	0.5	7
7	Improving the Precision of Abstract Interpretation Based Cache Persistence Analysis. , 2015, , .		6
8	Cache-related preemption delay analysis for multi-level inclusive caches. , 2016, , .		5
9	Integrated instruction set randomization and control reconfiguration for securing cyber-physical systems. , 2018, , .		5
10	Integrating Cache-Related Preemption Delay into GEDF Analysis for Multiprocessor Scheduling with On-chip Cache. , 2017, , .		4
11	Handling write backs in multi-level cache analysis for WCET estimation. , 2017, , .		4
12	Work-in-Progress: Cache-Aware Partitioned EDF Scheduling for Multi-core Real-Time Systems. , 2017, , .		3
13	Integrated data space randomization and control reconfiguration for securing cyber-physical systems. , 2019, , .		3
14	A case study on the model-based design and integration of automotive cyber-physical systems. , 2013, , .		2
15	Precise Multi-level Inclusive Cache Analysis for WCET Estimation. , 2015, , .		2
16	Top-down and bottom-up multi-level cache analysis for WCET estimation. , 2015, , .		2
17	A model-based design approach for simulation and virtual prototyping of automotive control systems using port-Hamiltonian systems. Software and Systems Modeling, 2019, 18, 1637-1653.	2.2	2
18	Dynamic symbolic execution for the analysis of web server applications in Java. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Data space randomization for securing cyber-physical systems. International Journal of Information Security, 2022, 21, 597-610.	2.3	1
20	OnlineDC: Leveraging Temporal Driving Behavior to Facilitate Driver Classification. , 2021, , .		1