

CITATION REPORT

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Component-based design of cyber-physical applications with safety-critical requirements

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Microprocessors and Microsystems, 2016, 42, 70-86.

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#	Paper	IF	Citations
16	Software Abstractions for Component Interaction in the Internet of Things. <i>Computer</i> , 2016 , 49, 50-59	1.6	23
15	Safe cooperating cyber-physical systems using wireless communication: The SafeCOP approach. <i>Microprocessors and Microsystems</i> , 2017 , 53, 42-50	2.4	15
14	Energy-Aware on-chip virtual machine placement for cloud-supported cyber-physical systems. <i>Microprocessors and Microsystems</i> , 2017 , 52, 427-437	2.4	6
13	A cloud-supported cps approach to control decision of process manufacturing: 3D ONoC. 2017 ,		3
12	A Reusable Component-Based Model for WSN Storage Simulation. 2017 ,		1
11	An Integrated Design Method For Cyber-Physical Production Systems. 2018 ,		0
10	Development capabilities for smart products. <i>CIRP Annals - Manufacturing Technology</i> , 2019 , 68, 727-750	4.9	61
9	A Comprehensive Technological Survey on the Dependable Self-Management CPS: From Self-Adaptive Architecture to Self-Management Strategies. <i>Sensors</i> , 2019 , 19,	3.8	5
8	The Component-based Design Method for Agent-based Multi-AGV System. 2019 ,		
7	Analyzing the Impact of Probabilistic Estimates on Communication Reliability at Intelligent Crossroads. 2019 ,		1
6	Security modelling and formal verification of survivability properties: Application to cyberphysical systems. <i>Journal of Systems and Software</i> , 2021 , 171, 110746	3.3	2
5	Survey on security and privacy issues in cyber physical systems. <i>AIMS Electronics and Electrical Engineering</i> , 2019 , 3, 111-143	1	11
4	Design and management of image processing pipelines within CPS: acquired experience towards the end of the FitOptiVis ECSEL Project. <i>Microprocessors and Microsystems</i> , 2021 , 104350	2.4	0
3	Multi-layered Model-based Design Approach towards System Safety and Security Co-engineering. 2021 ,		1
2	Formal Analysis Approach for Multi-layered System Safety and Security Co-engineering. 2022 , 18-31		0
1	Facilitating Safety and Security Co-design and Formal Analysis in Multi-layered System Modeling. 2022 ,		0