

# CITATION REPORT

List of articles citing

## Model-Integrated Development of Cyber-Physical Systems

DOI: 10.1007/978-3-540-87785-1\_5

Lecture Notes in Computer Science, 2008, , 46-54.

**Source:** <https://exaly.com/paper-pdf/44818870/citation-report.pdf>

**Version:** 2024-04-09

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
40	An event driven framework for assistive CPS environments. <i>ACM SIGBED Review</i> , <b>2009</b> , 6, 1-9	1.3	14
39	Cyber-Physical Aware Model Based on IEC 61850 for Advanced Power Grid. <b>2010</b> ,		0
38	Model-Driven Performance Analysis of Reconfigurable Conveyor Systems Used in Material Handling Applications. <b>2011</b> ,		10
37	BAND-AiDe. <i>Transactions on Embedded Computing Systems</i> , <b>2012</b> , 11, 1-29	1.8	21
36	Control-theoretic cyber-physical system modeling and synthesis. <i>Transactions on Embedded Computing Systems</i> , <b>2012</b> , 11, 1-24	1.8	1
35	A Cyber-physical Energy System Architecture for Electric Vehicles Charging Application. <b>2012</b> ,		6
34	Utilizing Intervals in Component-Based Design of Cyber Physical Systems. <b>2013</b> ,		1
33	Model-based platform design and evaluation of cloud-based cyber-physical systems (CCPS). <b>2014</b> ,		1
32	Contract-based integration of cyber-physical analyses. <b>2014</b> ,		7
31	Implementing virtual platform for global-scale cyber physical system networks. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 1899-1920	1.7	8
30	In search of evidence for model-driven development claims: An experiment on quality, effort, productivity and satisfaction. <i>Information and Software Technology</i> , <b>2015</b> , 62, 164-186	3.4	21
29	. <b>2016</b> ,		3
28	A Case Study to Elicit Challenges for Performance Engineering of Cyber Physical Systems. <b>2017</b> ,		1
27	Multi-modeling Approach to Performance Engineering of Cyber-Physical Systems Design. <b>2017</b> ,		3
26	Fractional-order system identification for health monitoring. <i>Nonlinear Dynamics</i> , <b>2018</b> , 92, 1317-1334	5	17
25	Improving the Safety and Security of Wide-Area CyberPhysical Systems Through a Resource-Aware, Service-Oriented Development Methodology. <i>Proceedings of the IEEE</i> , <b>2018</b> , 106, 144-159	14.3	9
24	Towards verified continuous integration in the engineering of automated production systems. <i>Automatisierungstechnik</i> , <b>2018</b> , 66, 784-794	0.8	1

23	. <b>2018</b> ,		0
22	Models from an Implicit Operator Describing a Large Mass-Spring-Damper Network. <i>IFAC-PapersOnLine</i> , <b>2018</b> , 51, 831-836	0.7	1
21	Towards Co-simulation of Embedded Platforms and Physics-Based Models. <b>2018</b> ,		
20	Abstraction and Refinement in Hierarchically Decomposable and Underspecified CPS-Architectures. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 383-406	0.9	3
19	Early Analysis of Cyber-Physical Systems using Co-simulation and Multi-level Modelling. <b>2019</b> ,		2
18	Cyber-physical modeling and simulation: A reference architecture for designing demonstrators for industrial cyber-physical systems. <i>Procedia CIRP</i> , <b>2019</b> , 84, 257-264	1.8	14
17	Cyber-Physical Approach to Coordinate Measurement of Flexible Parts. <i>Lecture Notes in Mechanical Engineering</i> , <b>2019</b> , 307-317	0.4	
16	Architectural Modelling of Cyber Physical Systems Using UML. <i>International Journal of Cyber-Physical Systems</i> , <b>2019</b> , 1, 19-37	0.1	1
15	Specification of Cyber-Physical Systems with the Application of Interpreted Nets. <b>2019</b> ,		4
14	Engineering cyber-physical systems through performance-based modelling and analysis: A case study experience report. <i>Journal of Software: Evolution and Process</i> , <b>2020</b> , 32, e2179	1	4
13	Formal Verification of Control Modules in Cyber-Physical Systems. <i>Sensors</i> , <b>2020</b> , 20,	3.8	3
12	Automatically Verifying Discrete-Time Complex Systems through Learning, Abstraction and Refinement. <i>IEEE Transactions on Software Engineering</i> , <b>2021</b> , 47, 189-203	3.5	1
11	Model-Based Integration Platform for FMI Co-Simulation and Heterogeneous Simulations of Cyber-Physical Systems. <b>2014</b> ,		31
10	Design and Transformation of a Domain-Specific Language for Reconfigurable Conveyor Systems. 553-571		1
9	An Approach to Parallel Simulation of Ordinary Differential Equations. <i>Journal of Software Engineering and Applications</i> , <b>2016</b> , 09, 250-290	0.6	1
8	Research on Modeling and Analysis of CPS. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 92-105	0.9	4
7	Design and Transformation of a Domain-Specific Language for Reconfigurable Conveyor Systems. <b>2014</b> , 551-569		
6	IPL: An Integration Property Language for Multi-model Cyber-physical Systems. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 165-184	0.9	2

- 5 Taxonomy of Cyber-Physical Social Systems in Intelligent Transportation. **2019**, 241-251
- 4 CPS-Based Approach to Improve Management of Heavy Construction Projects. **2020**, 89-105
- 3 Model Checking Case Study of a Temporary Structures Monitoring System. **2020**, 139-159
- 2 A Survey of Cyber-Physical Power System Modeling Methods for Future Energy Systems. **2022**, 10, 99875-99896
- 1 Cyber-Physical Power System Layers: Classification, Characterization, and Interactions. **2023**, o