

Ulrik Nyman

List of Publications by Year in descending order

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221
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Performance Verification of the FS-MPC Algorithm Applied to the Matrix Converter. , 2022, , .		1
2	Model-based optimization of ARINC-653 partition scheduling. International Journal on Software Tools for Technology Transfer, 2021, 23, 721-740.	1.7	5
3	Overview of Control Algorithm Verification Methods in Power Electronics Systems. Energies, 2021, 14, 4360.	1.6	9
4	Randomized Reachability Analysis in Uppaal: Fast Error Detection in Timed Systems. Lecture Notes in Computer Science, 2021, , 149-166.	1.0	3
5	Randomized Refinement Checking of Timed I/O Automata. Lecture Notes in Computer Science, 2020, , 70-88.	1.0	3
6	Generic Formal Framework for Compositional Analysis of Hierarchical Scheduling Systems. , 2018, , .		7
7	Compositional Testing of Real-Time Systems. Lecture Notes in Computer Science, 2017, , 107-124.	1.0	2
8	Statistical and exact schedulability analysis of hierarchical scheduling systems. Science of Computer Programming, 2016, 127, 103-130.	1.5	13
9	A reconfigurable framework for compositional schedulability and power analysis of hierarchical scheduling systems with frequency scaling. Science of Computer Programming, 2015, 113, 236-260.	1.5	7
10	Real-time specifications. International Journal on Software Tools for Technology Transfer, 2015, 17, 17-45.	1.7	16
11	Compositional verification of real-time systems using Ecdar. International Journal on Software Tools for Technology Transfer, 2012, 14, 703-720.	1.7	17
12	New Results on Timed Specifications. Lecture Notes in Computer Science, 2012, , 175-192.	1.0	7
13	Modal and mixed specifications: key decision problems and their complexities. Mathematical Structures in Computer Science, 2010, 20, 75-103.	0.5	5
14	ECDAR: An Environment for Compositional Design and Analysis of Real Time Systems. Lecture Notes in Computer Science, 2010, , 365-370.	1.0	37
15	Methodologies for Specification of Real-Time Systems Using Timed I/O Automata. Lecture Notes in Computer Science, 2010, , 290-310.	1.0	5
16	Timed I/O automata. , 2010, , .		117
17	EXPTIME-complete Decision Problems for Modal and Mixed Specifications. Electronic Notes in Theoretical Computer Science, 2009, 242, 19-33.	0.9	9
18	Complexity of Decision Problems for Mixed and Modal Specifications. , 2008, , 112-126.		16

#	ARTICLE	IF	CITATIONS
19	Modal I/O Automata for Interface and Product Line Theories. Lecture Notes in Computer Science, 2007, , 64-79.	1.0	132
20	On Modal Refinement and Consistency. Lecture Notes in Computer Science, 2007, , 105-119.	1.0	38
21	Effortless Fault Localisation: Conformance Testing of Real-Time Systems in Ecdar. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 277, 147-160.	0.8	3