

Ulrik Nyman

List of Publications by Year in descending order

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21
papers

452
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21
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21
docs citations

21
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Modal I/O Automata for Interface and Product Line Theories. Lecture Notes in Computer Science, 2007, , 64-79.	1.3	132
2	Timed I/O automata. , 2010, , .		117
3	On Modal Refinement and Consistency. Lecture Notes in Computer Science, 2007, , 105-119.	1.3	38
4	ECDAR: An Environment for Compositional Design and Analysis of Real Time Systems. Lecture Notes in Computer Science, 2010, , 365-370.	1.3	37
5	Compositional verification of real-time systems using Ecdar. International Journal on Software Tools for Technology Transfer, 2012, 14, 703-720.	1.9	17
6	Real-time specifications. International Journal on Software Tools for Technology Transfer, 2015, 17, 17-45.	1.9	16
7	Complexity of Decision Problems for Mixed and Modal Specifications. , 2008, , 112-126.		16
8	Statistical and exact schedulability analysis of hierarchical scheduling systems. Science of Computer Programming, 2016, 127, 103-130.	1.9	13
9	EXPTIME-complete Decision Problems for Modal and Mixed Specifications. Electronic Notes in Theoretical Computer Science, 2009, 242, 19-33.	0.9	9
10	Overview of Control Algorithm Verification Methods in Power Electronics Systems. Energies, 2021, 14, 4360.	3.1	9
11	A reconfigurable framework for compositional schedulability and power analysis of hierarchical scheduling systems with frequency scaling. Science of Computer Programming, 2015, 113, 236-260.	1.9	7
12	Generic Formal Framework for Compositional Analysis of Hierarchical Scheduling Systems. , 2018, , .		7
13	New Results on Timed Specifications. Lecture Notes in Computer Science, 2012, , 175-192.	1.3	7
14	Modal and mixed specifications: key decision problems and their complexities. Mathematical Structures in Computer Science, 2010, 20, 75-103.	0.6	5
15	Model-based optimization of ARINC-653 partition scheduling. International Journal on Software Tools for Technology Transfer, 2021, 23, 721-740.	1.9	5
16	Methodologies for Specification of Real-Time Systems Using Timed I/O Automata. Lecture Notes in Computer Science, 2010, , 290-310.	1.3	5
17	Randomized Reachability Analysis in Uppaal: Fast Error Detection in Timed Systems. Lecture Notes in Computer Science, 2021, , 149-166.	1.3	3
18	Randomized Refinement Checking of Timed I/O Automata. Lecture Notes in Computer Science, 2020, , 70-88.	1.3	3

#	ARTICLE	IF	CITATIONS
19	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
20	Compositional Testing of Real-Time Systems. Lecture Notes in Computer Science, 2017, , 107-124.	1.3	2
21	Statistical Performance Verification of the FS-MPC Algorithm Applied to the Matrix Converter. , 2022, , .		1