

Robert Könighofer

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

524
citations

1040056

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11
g-index

20
all docs

20
docs citations

20
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	RATSY – A New Requirements Analysis Tool with Synthesis. Lecture Notes in Computer Science, 2010, , 425-429.	1.3	69
2	Shield Synthesis. Lecture Notes in Computer Science, 2015, , 533-548.	1.3	63
3	SAT-Based Synthesis Methods for Safety Specs. Lecture Notes in Computer Science, 2014, , 1-20.	1.3	58
4	Synthesizing robust systems. Acta Informatica, 2014, 51, 193-220.	0.5	51
5	Debugging formal specifications using simple counterstrategies. , 2009, , .		43
6	Debugging formal specifications: a practical approach using model-based diagnosis and counterstrategies. International Journal on Software Tools for Technology Transfer, 2013, 15, 563-583.	1.9	36
7	Shield synthesis. Formal Methods in System Design, 2017, 51, 332-361.	0.8	35
8	How to Handle Assumptions in Synthesis. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 157, 34-50.	0.8	33
9	The first reactive synthesis competition (SYNTCOMP 2014). International Journal on Software Tools for Technology Transfer, 2017, 19, 367-390.	1.9	23
10	SAT-based methods for circuit synthesis. , 2014, , .		17
11	Synthesizing cooperative reactive mission plans. , 2015, , .		16
12	Cooperative Reactive Synthesis. Lecture Notes in Computer Science, 2015, , 394-410.	1.3	16
13	The Second Reactive Synthesis Competition (SYNTCOMP 2015). Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 202, 27-57.	0.8	15
14	Debugging Unrealizable Specifications with Model-Based Diagnosis. Lecture Notes in Computer Science, 2011, , 29-45.	1.3	12
15	Synthesizing Robust Systems with RATSY. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 84, 47-53.	0.8	10
16	The 3rd Reactive Synthesis Competition (SYNTCOMP 2016): Benchmarks, Participants & Results. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 229, 149-177.	0.8	9
17	Partial witnesses from preprocessed quantified Boolean formulas. , 2014, , .		6
18	Synthesis of Admissible Shields. Lecture Notes in Computer Science, 2016, , 134-151.	1.3	5

#	ARTICLE	IF	CITATIONS
19	Synthesizing adaptive test strategies from temporal logic specifications. Formal Methods in System Design, 2019, 55, 103-135.	0.8	4
20	Synthesizing adaptive test strategies from temporal logic specifications. , 2016, , .		3