Yann Thierry-Mieg

List of Publications by Year
in descending order

28 papers	341 citations	759233 12 h-index	839539 18 g-index
29 all docs	29 docs citations	29 times ranked	167 citing authors

#	Article	IF	Citations
1	Symbolic Model-Checking Using ITS-Tools. Lecture Notes in Computer Science, 2015, , 231-237.	1.3	43
2	Hierarchical Decision Diagrams to Exploit Model Structure. Lecture Notes in Computer Science, 2005, , 443-457.	1.3	36
3	Report on the Model Checking Contest at Petri Nets 2011. Lecture Notes in Computer Science, 2012, , 169-196.	1.3	29
4	Formal verification of mobile robot protocols. Distributed Computing, 2016, 29, 459-487.	0.8	28
5	UML behavioral consistency checking using instantiable Petri nets. Innovations in Systems and Software Engineering, 2008, 4, 293-300.	2.1	22
6	Hierarchical Set Decision Diagrams and Regular Models. Lecture Notes in Computer Science, 2009, , 1-15.	1.3	21
7	Presentation of the 9th Edition of the Model Checking Contest. Lecture Notes in Computer Science, 2019, , 50-68.	1.3	16
8	On the Formal Verification of Middleware Behavioral Properties. Electronic Notes in Theoretical Computer Science, 2005, 133, 139-157.	0.9	15
9	Building Efficient Model Checkers using Hierarchical Set Decision Diagrams and Automatic Saturation. Fundamenta Informaticae, 2009, 94, 413-437.	0.4	15
10	Self-Loop Aggregation Product â€" A New Hybrid Approach to On-the-Fly LTL Model Checking. Lecture Notes in Computer Science, 2011, , 336-350.	1.3	15
11	MCCâ€™2017 â€" The Seventh Model Checking Contest. Lecture Notes in Computer Science, 2018, , 181-209.	1.3	15
12	Automatic Symmetry Detection in Well-Formed Nets. Lecture Notes in Computer Science, 2003, , 82-101.	1.3	14
13	Hierarchical Set Decision Diagrams and Automatic Saturation. Lecture Notes in Computer Science, 2008, , 211-230.	1.3	13
14	Modeling and Analyzing Wireless Sensor Networks with VeriSensor: An Integrated Workflow. Lecture Notes in Computer Science, 2013, , 24-47.	1.3	11
15	A Symbolic Symbolic State Space Representation. Lecture Notes in Computer Science, 2004, , 276-291.	1.3	10
16	Towards Distributed Software Model-Checking Using Decision Diagrams. Lecture Notes in Computer Science, 2013, , 830-845.	1.3	9
17	Structural Reductions Revisited. Lecture Notes in Computer Science, 2020, , 303-323.	1.3	8
18	Symbolic Model Checking of Stutter-Invariant Properties Using GeneralizedÂTestingÂAutomata. Lecture Notes in Computer Science, 2014, , 440-454.	1.3	5

#	Article	IF	Citations
19	Experiences in Model Driven Verification of Behavior with UML. Lecture Notes in Computer Science, 2010, , 181-200.	1.3	4
20	Collision avoidance in Intelligent Transport Systems: towards an application of control theory. , 2008, , .		3
21	libDMC: a Library to Operate Efficient Distributed Model Checking. , 2007, , .		2
22	State Space Analysis Using Symmetries on Decision Diagrams. , 2012, , .		2
23	Software Architecture of Modern Model Checkers. Lecture Notes in Computer Science, 2019, , 393-419.	1.3	2
24	dmcG: A Distributed Symbolic Model Checker Based on GreatSPN. , 2007, , 495-504.		2
25	LTL Under Reductions withÂWeaker Conditions Than Stutter Invariance. Lecture Notes in Computer Science, 2022, , 170-187.	1.3	1
26	Semi-automatic controller design of Java-like models. , 2013, , .		0
27	Self-adaptive Model Checking, the Next Step?. Lecture Notes in Computer Science, 2018, , 3-15.	1.3	0
28	Modeling a Cache Coherence Protocol with the Guarded Action Language. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 268, 88-103.	0.8	0