Sergio Mover

List of Publications by Year
in descending order

13 papers	527 citations	1162367 8 h-index
13 all docs	13 docs citations	13 times ranked

1281420
11
g-index

343
citing authors

#	Article	IF	Citations
1	Implicit Semi-Algebraic Abstraction for Polynomial Dynamical Systems. Lecture Notes in Computer Science, 2021, , 529-551.	1.0	3
2	Analysis of Relay Interlocking Systems via SMT-based Model Checking of Switched Multi-Domain Kirchhoff Networks. , 2018, , .		9
3	Compositional Relational Abstraction for Nonlinear Hybrid Systems. Transactions on Embedded Computing Systems, 2017, 16, 1-19.	2.1	3
4	Infinite-state invariant checking with IC3 and predicate abstraction. Formal Methods in System Design, 2016, 49, 190-218.	0.9	28
5	Infinite-State Liveness-to-Safety via Implicit Abstraction and Well-Founded Relations. Lecture Notes in Computer Science, 2016, , 271-291.	1.0	15
6	HyComp: An SMT-Based Model Checker for Hybrid Systems. Lecture Notes in Computer Science, 2015, , 52-67.	1.0	47
7	Safety assessment of AltaRica models via symbolic model checking. Science of Computer Programming, 2015, 98, 464-483.	1.5	24
8	Quantifier-free encoding of invariants for hybrid systems. Formal Methods in System Design, 2014, 45, 165-188.	0.9	6
9	The nuXmv Symbolic Model Checker. Lecture Notes in Computer Science, 2014, , 334-342.	1.0	268
10	Verifying LTL Properties of Hybrid Systems with K-Liveness. Lecture Notes in Computer Science, 2014, , 424-440.	1.0	18
11	IC3 Modulo Theories via Implicit Predicate Abstraction. Lecture Notes in Computer Science, 2014, , 46-61.	1.0	64
12	Time-aware relational abstractions for hybrid systems. , 2013, , .		12
13	SMT-based scenario verification for hybrid systems. Formal Methods in System Design, 2013, 42, 46-66.	0.9	30