

Sergio Mover

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

527
citations

1162367

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13
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343
citing authors

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