# Brian Nielsen

## List of Publications by Year
### in descending order

| | | | |
|---|---|---|---|
| 17 papers | 395 citations | 1478505<br>6 h-index | 1588992<br>8 g-index |
| 18 all docs | 18 docs citations | 18 times ranked | 253 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Model-based optimization of ARINC-653 partition scheduling. International Journal on Software Tools for Technology Transfer, 2021, 23, 721-740. | 1.9 | 5 |
| 2 | Model-Based Mutation Testing of Real-Time Systems via Model Checking. , 2018, , . | | 9 |
| 3 | Mutation-Based Test-Case Generation with Ecdar. , 2017, , . | | 15 |
| 4 | Learning deterministic probabilistic automata from a model checking perspective. Machine Learning, 2016, 105, 255-299. | 5.4 | 43 |
| 5 | WUppaal: A web-service for the Uppaal model-checker. , 2016, , . | | 0 |
| 6 | Expressing Best Practices in (Risk) Analysis and Testing of Safety-Critical Systems Using Patterns. , 2014, , . | | 4 |
| 7 | Learning Markov Models for Stationary System Behaviors. Lecture Notes in Computer Science, 2012, , 216-230. | 1.3 | 13 |
| 8 | Learning Probabilistic Automata for Model Checking. , 2011, , . | | 39 |
| 9 | Scenario-based verification of real-time systems using Uppaal. Formal Methods in System Design, 2010, 37, 200-264. | 0.8 | 17 |
| 10 | Scenario-based analysis and synthesis of real-time systems using uppaal. , 2010, , . | | 8 |
| 11 | Timed Testing under Partial Observability. , 2009, , . | | 14 |
| 12 | Cooperative Testing of Timed Systems. Electronic Notes in Theoretical Computer Science, 2008, 220, 79-92. | 0.9 | 11 |
| 13 | A game-theoretic approach to real-time system testing. , 2008, , . | | 7 |
| 14 | Testing Real-Time Systems Using UPPAAL. , 2008, , 77-117. | | 136 |
| 15 | Automated test generation from timed automata. International Journal on Software Tools for Technology Transfer, 2003, 5, 59-77. | 1.9 | 33 |
| 16 | Towards reusable real-time objects. Annals of Software Engineering, 1999, 7, 257-282. | 0.5 | 9 |
| 17 | Learning Markov Decision Processes for Model Checking. Electronic Proceedings in Theoretical Computer Science, EPTCS, 0, 103, 49-63. | 0.8 | 26 |