

Carlos E Budde

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

310
citations

1039880

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940416

16
g-index

34
all docs

34
docs citations

34
times ranked

138
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A Maturity Assessment Model for Cyber Security Education in Europe. IFIP Advances in Information and Communication Technology, 2022, , 60-74. | 0.5 | 3 |
| 2 | FIG. Performance Evaluation Review, 2022, 49, 59-64. | 0.4 | 1 |
| 3 | Attack Trees vs. Fault Trees: Two Sides of the Same Coin from Different Currencies. Lecture Notes in Computer Science, 2021, , 457-467. | 1.0 | 6 |
| 4 | Replicating <code>{Restart}</code> with Prolonged Retrials: An Experimental Report. Lecture Notes in Computer Science, 2021, , 373-380. | 1.0 | 2 |
| 5 | The Marriage Between Safety and Cybersecurity: Still Practicing. Lecture Notes in Computer Science, 2021, , 3-21. | 1.0 | 5 |
| 6 | Efficient Algorithms for Quantitative Attack Tree Analysis. , 2021, , . | | 8 |
| 7 | On Correctness, Precision, and Performance in Quantitative Verification. Lecture Notes in Computer Science, 2021, , 216-241. | 1.0 | 14 |
| 8 | An efficient statistical model checker for nondeterminism and rare events. International Journal on Software Tools for Technology Transfer, 2020, 22, 759-780. | 1.7 | 16 |
| 9 | Automated Rare Event Simulation for Fault Tree Analysis via Minimal Cut Sets. Lecture Notes in Computer Science, 2020, , 259-277. | 1.0 | 3 |
| 10 | Rare Event Simulation for Non-Markovian Repairable Fault Trees. Lecture Notes in Computer Science, 2020, , 463-482. | 1.0 | 8 |
| 11 | FIG: The Finite Improbability Generator. Lecture Notes in Computer Science, 2020, , 483-491. | 1.0 | 4 |
| 12 | The Dynamic Fault Tree Rare Event Simulator. Lecture Notes in Computer Science, 2020, , 233-238. | 1.0 | 3 |
| 13 | Correction to: The Dynamic Fault Tree Rare Event Simulator. Lecture Notes in Computer Science, 2020, , C1-C1. | 1.0 | 0 |
| 14 | Automated compositional importance splitting. Science of Computer Programming, 2019, 174, 90-108. | 1.5 | 10 |
| 15 | Ffort: A Benchmark Suite for Fault Tree Analysis. , 2019, , . | | 8 |
| 16 | A Statistical Model Checker for Nondeterminism and Rare Events. Lecture Notes in Computer Science, 2018, , 340-358. | 1.0 | 26 |
| 17 | Modelling Smart Buildings Using Fault Maintenance Trees. Lecture Notes in Computer Science, 2018, , 110-125. | 1.0 | 0 |
| 18 | JANI: Quantitative Model and Tool Interaction. Lecture Notes in Computer Science, 2017, , 151-168. | 1.0 | 59 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | The Road from Stochastic Automata to the Simulation of Rare Events. Lecture Notes in Computer Science, 2017, , 276-294. | 1.0 | 0 |
| 20 | Better Automated Importance Splitting for Transient Rare Events. Lecture Notes in Computer Science, 2017, , 42-58. | 1.0 | 9 |
| 21 | Compositional Construction of Importance Functions in Fully Automated Importance Splitting. , 2017, , . | | 12 |
| 22 | Rare Event Simulation with Fully Automated Importance Splitting. Lecture Notes in Computer Science, 2015, , 275-290. | 1.0 | 9 |
| 23 | A Theory for the Semantics of Stochastic and Non-deterministic Continuous Systems. Lecture Notes in Computer Science, 2014, , 67-86. | 1.0 | 1 |
| 24 | Enhanced transport through desorption-mediated diffusion. Physical Review E, 2013, 87, 012115. | 0.8 | 13 |
| 25 | Narrow-escape-time problem: The imperfect trapping case. Physical Review E, 2012, 86, 031105. | 0.8 | 15 |
| 26 | Enhanced diffusion through surface excursion: A master-equation approach to the narrow-escape-time problem. Physical Review E, 2011, 84, 021117. | 0.8 | 21 |
| 27 | Lifetime of a target in the presence of independent walkers. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 3399-3408. | 1.2 | 7 |
| 28 | Bulk-mediated surface diffusion: return probability in an infinite system. Journal of Physics Condensed Matter, 2007, 19, 065127. | 0.7 | 4 |
| 29 | Bulk-mediated surface diffusion: non-Markovian desorption and biased behaviour in an infinite system. Journal of Physics Condensed Matter, 2005, 17, S4175-S4187. | 0.7 | 4 |
| 30 | Bulk-mediated surface diffusion: non-Markovian desorption dynamics. New Journal of Physics, 2005, 7, 16-16. | 1.2 | 17 |
| 31 | Diffusion-mediated reactions with a time-dependent absorption rate. Physical Review E, 2000, 61, 1110-1120. | 0.8 | 16 |
| 32 | A compositional semantics for Repairable Fault Trees with general distributions. , 0, , . | | 2 |