

Max Tschaikowski

List of Publications by Year in descending order

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81
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | PID Control of Biochemical Reaction Networks. IEEE Transactions on Automatic Control, 2022, 67, 1023-1030. | 5.7 | 30 |
| 2 | Differential Equivalence for Linear Differential Algebraic Equations. IEEE Transactions on Automatic Control, 2022, 67, 3484-3493. | 5.7 | 2 |
| 3 | Reducing Boolean Networks with Backward Boolean Equivalence. Lecture Notes in Computer Science, 2021, , 1-18. | 1.3 | 3 |
| 4 | Exact maximal reduction of stochastic reaction networks by species lumping. Bioinformatics, 2021, 37, 2175-2182. | 4.1 | 10 |
| 5 | Over-Approximation of Fluid Models. IEEE Transactions on Automatic Control, 2020, 65, 999-1013. | 5.7 | 3 |
| 6 | Symbolic computation of differential equivalences. Theoretical Computer Science, 2019, 777, 132-154. | 0.9 | 17 |
| 7 | PID Control of Biochemical Reaction Networks. , 2019, , . | | 4 |
| 8 | Comparing chemical reaction networks: A categorical and algorithmic perspective. Theoretical Computer Science, 2019, 765, 47-66. | 0.9 | 5 |
| 9 | Maximal aggregation of polynomial dynamical systems. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10029-10034. | 7.1 | 44 |
| 10 | ERODE: A Tool for the Evaluation and Reduction of Ordinary Differential Equations. Lecture Notes in Computer Science, 2017, , 310-328. | 1.3 | 38 |
| 11 | Comparing Chemical Reaction Networks. , 2016, , . | | 20 |
| 12 | Efficient Syntax-Driven Lumping of Differential Equations. Lecture Notes in Computer Science, 2016, , 93-111. | 1.3 | 19 |
| 13 | Symbolic computation of differential equivalences. , 2016, , . | | 23 |