

Max Tschaikowski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5356780/publications.pdf>

Version: 2024-02-01

13
papers

218
citations

1478505

6
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

81
citing authors

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