

Frits Dannenberg

List of Publications by Year in descending order

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9
papers

306
citations

1478505

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1474206

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9
all docs

9
docs citations

9
times ranked

431
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated sequence-level analysis of kinetics and thermodynamics for domain-level DNA strand-displacement systems. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180107.	3.4	13
2	Precise parameter synthesis for stochastic biochemical systems. <i>Acta Informatica</i> , 2017, 54, 589-623.	0.5	48
3	Inferring Parameters for an Elementary Step Model of DNA Structure Kinetics with Locally Context-Dependent Arrhenius Rates. <i>Lecture Notes in Computer Science</i> , 2017, , 172-187.	1.3	7
4	Modelling DNA origami self-assembly at the domain level. <i>Journal of Chemical Physics</i> , 2015, 143, 165102.	3.0	28
5	Computing Cumulative Rewards Using Fast Adaptive Uniformization. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2015, 25, 1-23.	0.8	2
6	Guiding the folding pathway of DNA origami. <i>Nature</i> , 2015, 525, 82-86.	27.8	146
7	DNA walker circuits: computational potential, design, and verification. <i>Natural Computing</i> , 2015, 14, 195-211.	3.0	26
8	Precise Parameter Synthesis for Stochastic Biochemical Systems. <i>Lecture Notes in Computer Science</i> , 2014, , 86-98.	1.3	31
9	Computing Cumulative Rewards Using Fast Adaptive Uniformisation. <i>Lecture Notes in Computer Science</i> , 2013, , 33-49.	1.3	5