

Charles Matthews

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2176784/publications.pdf>

Version: 2024-02-01

6
papers

241
citations

1684188

5
h-index

2053705

5
g-index

7
all docs

7
docs citations

7
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Bayesian modeling reveals metabolite-dependent ultrasensitivity in the cyanobacterial circadian clock. <i>Molecular Systems Biology</i> , 2020, 16, e9355.	7.2	10
2	MIST: A simple and efficient molecular dynamics abstraction library for integrator development. <i>Computer Physics Communications</i> , 2019, 236, 224-236.	7.5	8
3	Ensemble preconditioning for Markov chain Monte Carlo simulation. <i>Statistics and Computing</i> , 2018, 28, 277-290.	1.5	20
4	Efficient molecular dynamics using geodesic integration and solvent-solute splitting. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016, 472, 20160138.	2.1	49
5	Robust and efficient configurational molecular sampling via Langevin dynamics. <i>Journal of Chemical Physics</i> , 2013, 138, 174102.	3.0	127
6	The computation of averages from equilibrium and nonequilibrium Langevin molecular dynamics. <i>IMA Journal of Numerical Analysis</i> , 0, , dru056.	2.9	27