

Charles Matthews

List of Publications by Year in descending order

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

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