

Andrei Kramer

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

121
citations

1684188

5
h-index

1588992

8
g-index

14
all docs

14
docs citations

14
times ranked

185
citing authors

#	ARTICLE	IF	CITATIONS
1	Hamiltonian Monte Carlo methods for efficient parameter estimation in steady state dynamical systems. BMC Bioinformatics, 2014, 15, 253.	2.6	23
2	Uncertainty quantification, propagation and characterization by Bayesian analysis combined with global sensitivity analysis applied to dynamical intracellular pathway models. Bioinformatics, 2019, 35, 284-292.	4.1	22
3	Combining hypothesis- and data-driven neuroscience modeling in FAIR workflows. ELife, 0, 11, .	6.0	15
4	Trajectory-oriented Bayesian experiment design versus Fisher A-optimal design: an in depth comparison study. Bioinformatics, 2012, 28, i535-i541.	4.1	13
5	iVUN: interactive Visualization of Uncertain biochemical reaction Networks. BMC Bioinformatics, 2013, 14, S2.	2.6	11
6	Computation of the posterior entropy in a Bayesian framework for parameter estimation in biological networks. , 2010, , .		10
7	Towards experimental design using a Bayesian framework for parameter identification in dynamic intracellular network models. Procedia Computer Science, 2010, 1, 1645-1653.	2.0	7
8	<scp>mcmc_clib</scp> – an advanced MCMC sampling package for <scp>ode</scp> models. Bioinformatics, 2014, 30, 2991-2992.	4.1	6
9	Modeling of biocatalytic reactions: A workflow for model calibration, selection, and validation using Bayesian statistics. AIChE Journal, 2020, 66, e16866.	3.6	5
10	Uncertainty-aware visual analysis of biochemical reaction networks. , 2012, , .		4
11	A Modular Workflow for Model Building, Analysis, and Parameter Estimation in Systems Biology and Neuroscience. Neuroinformatics, 2022, 20, 241-259.	2.8	3
12	A Statistical Framework for Noise Separation in Dynamic Models of Intracellular Networks. , 2010, , .		1