Jes Frellsen

List of Publications by Year
in descending order

13 papers	437 citations	1039406 9 h-index	996533 15 g-index
16 all docs	16 docs citations	16 times ranked	665 citing authors

#	Article	IF	Citations
1	A Probabilistic Model of RNA Conformational Space. PLoS Computational Biology, 2009, 5, e1000406.	1.5	84
2	Potentials of Mean Force for Protein Structure Prediction Vindicated, Formalized and Generalized. PLoS ONE, 2010, 5, e13714.	1.1	64
3	Inference of Structure Ensembles of Flexible Biomolecules from Sparse, Averaged Data. PLoS ONE, 2013, 8, e79439.	1.1	50
4	Adaptable probabilistic mapping of short reads using position specific scoring matrices. BMC Bioinformatics, 2014, 15, 100.	1.2	42
5	Beyond rotamers: a generative, probabilistic model of side chains in proteins. BMC Bioinformatics, 2010, 11, 306.	1.2	40
6	Asap: A Framework for Over-Representation Statistics for Transcription Factor Binding Sites. PLoS ONE, 2008, 3, e1623.	1.1	36
7	PHAISTOS: A framework for Markov chain Monte Carlo simulation and inference of protein structure. Journal of Computational Chemistry, 2013, 34, 1697-1705.	1.5	35
8	Equilibrium simulations of proteins using molecular fragment replacement and NMR chemical shifts. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13852-13857.	3.3	33
9	Generative probabilistic models extend the scope of inferential structure determination. Journal of Magnetic Resonance, 2011, 213, 182-186.	1.2	17
10	On the Accuracy of Short Read Mapping. Methods in Molecular Biology, 2013, 1038, 39-59.	0.4	11
11	Formulation of probabilistic models of protein structure in atomic detail using the reference ratio method. Proteins: Structure, Function and Bioinformatics, 2014, 82, 288-299.	1.5	10
12	Towards a General Probabilistic Model of Protein Structure: The Reference Ratio Method. Statistics in the Health Sciences, 2012, , 125-134.	0.2	5
13	When Did the Train Arrive? A Bayesian Approach to Enrich Timetable Information Using Smart Card Data. IEEE Open Journal of Intelligent Transportation Systems, 2021, 2, 160-172.	2.6	0