

Markus Christen

List of Publications by Year in descending order

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12
papers

1,785
citations

758635

12
h-index

1058022

14
g-index

14
all docs

14
docs citations

14
times ranked

1889
citing authors

#	ARTICLE	IF	CITATIONS
1	Architecture, implementation and parallelisation of the GROMOS software for biomolecular simulation. <i>Computer Physics Communications</i> , 2012, 183, 890-903.	3.0	275
2	On the Conformational Properties of Amylose and Cellulose Oligomers in Solution. <i>International Journal of Carbohydrate Chemistry</i> , 2009, 2009, 1-8.	1.5	25
3	On searching in, sampling of, and dynamically moving through conformational space of biomolecular systems: A review. <i>Journal of Computational Chemistry</i> , 2008, 29, 157-166.	1.5	148
4	Free Energy Calculations Using Flexible-Constrained, Hard-Constrained and Non-Constrained Molecular Dynamics Simulations. <i>ChemPhysChem</i> , 2007, 8, 1557-1564.	1.0	7
5	On using oscillating time-dependent restraints in MD simulation. <i>Journal of Biomolecular NMR</i> , 2007, 37, 1-14.	1.6	15
6	Biomolecular structure refinement based on adaptive restraints using local-elevation simulation. <i>Journal of Biomolecular NMR</i> , 2007, 39, 265-273.	1.6	22
7	Sampling of Rare Events Using Hidden Restraints. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8488-8498.	1.2	30
8	Multigraining: An algorithm for simultaneous fine-grained and coarse-grained simulation of molecular systems. <i>Journal of Chemical Physics</i> , 2006, 124, 154106.	1.2	95
9	Biomolecular Modeling: Goals, Problems, Perspectives. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4064-4092.	7.2	503
10	The GROMOS software for biomolecular simulation: GROMOS05. <i>Journal of Computational Chemistry</i> , 2005, 26, 1719-1751.	1.5	592
11	An approximate but fast method to impose flexible distance constraints in molecular dynamics simulations. <i>Journal of Chemical Physics</i> , 2005, 122, 144106.	1.2	15
12	Alpha- and beta-polypeptides show a different stability of helical secondary structure. <i>Tetrahedron</i> , 2004, 60, 7775-7780.	1.0	20