

Aj Rader

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

2,149
citations

932766

10
h-index

1372195

10
g-index

11
all docs

11
docs citations

11
times ranked

1875
citing authors

#	ARTICLE	IF	CITATIONS
1	Coarse-grained normal mode analysis in structural biology. <i>Current Opinion in Structural Biology</i> , 2005, 15, 586-592.	2.6	678
2	Protein flexibility predictions using graph theory. <i>Proteins: Structure, Function and Bioinformatics</i> , 2001, 44, 150-165.	1.5	670
3	Global ribosome motions revealed with elastic network model. <i>Journal of Structural Biology</i> , 2004, 147, 302-314.	1.3	284
4	iGNM: a database of protein functional motions based on Gaussian Network Model. <i>Bioinformatics</i> , 2005, 21, 2978-2987.	1.8	115
5	Identifying protein folding cores from the evolution of flexible regions during unfolding. <i>Journal of Molecular Graphics and Modelling</i> , 2002, 21, 195-207.	1.3	113
6	Protein flexibility and dynamics using constraint theory. <i>Journal of Molecular Graphics and Modelling</i> , 2001, 19, 60-69.	1.3	109
7	Maturation Dynamics of Bacteriophage HK97 Capsid. <i>Structure</i> , 2005, 13, 413-421.	1.6	82
8	Folding core predictions from network models of proteins. <i>Polymer</i> , 2004, 45, 659-668.	1.8	56
9	Coarse-grained models: getting more with less. <i>Current Opinion in Pharmacology</i> , 2010, 10, 753-759.	1.7	25
10	A rigid network of long-range contacts increases thermostability in a mutant endoglucanase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2012, 30, 628-637.	2.0	17
11	Chapter 3 Fishing for Functional Motions with Elastic Network Models. <i>Annual Reports in Computational Chemistry</i> , 2007, 3, 31-39.	0.9	0