Sangwook Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11918203/publications.pdf

Version: 2024-02-01

19	211	1040056	996975
papers	citations	9	15
		h-index	g-index

19	19	19	258
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Warfarin and vitamin K epoxide reductase: a molecular accounting for observed inhibition. Blood, 2018, 132, 647-657.	1.4	32
2	Loop-driven conformational transition between the alternative and collapsed form of prethrombin-2: targeted molecular dynamics study. Journal of Biomolecular Structure and Dynamics, 2017, 35, 119-127.	3.5	1
3	The stability of the three transmembrane and the four transmembrane human vitamin K epoxide reductase models. Journal of the Korean Physical Society, 2016, 68, 929-935.	0.7	0
4	A model for the unique role of factor Va A2 domain extension in the human ternary thrombin-generating complex. Biophysical Chemistry, 2015, 199, 46-50.	2.8	16
5	Do the crystallographic forms of prethrombin-2 revert to a single form in solution?. Biophysical Chemistry, 2015, 203-204, 28-32.	2.8	1
6	Structural Comparison of DNA Polymerase Architecture Suggests a Nucleotide Gateway to the Polymerase Active Site. Chemical Reviews, 2014, 114, 2759-2774.	47.7	41
7	Analysis on long-range residue-residue communication using molecular dynamics. Proteins: Structure, Function and Bioinformatics, 2014, 82, 2896-2901.	2.6	6
8	Weak Antiferromagnetic Coupling via a Superexchange Interaction between Mn(II)â€“Mn(II) Ions: A QM/MM Study of the Active Site of Human Cytosolic X-Propyl Aminopeptidase P. Journal of Physical Chemistry Letters, 2012, 3, 2293-2297.	4.6	5
9	A revisit to the one-form kinetic model of prothrombinase: A comment on the rebuttal. Biophysical Chemistry, 2012, 160, 77-78.	2.8	1
10	A hetero-dimer model for concerted action of vitamin K carboxylase and vitamin K reductase in vitamin K cycle. Journal of Theoretical Biology, 2011, 279, 143-149.	1.7	15
11	A revisit to the one form kinetic model of prothrombinase. Biophysical Chemistry, 2010, 149, 28-33.	2.8	18
12	Quantum chemical study of the mechanism of action of vitamin K carboxylase in solvent. International Journal of Quantum Chemistry, 2010, 110, 2744-2751.	2.0	3
13	Computing free energies of protein conformations from explicit solvent simulations. Methods, 2010, 52, 115-121.	3.8	13
14	Conformational change path between closed and open forms of C2 domain of coagulation factor V on a two-dimensional free-energy surface. Physical Review E, 2009, 79, 041909.	2.1	3
15	Dynamical self-arrest in symmetric and asymmetric diblock copolymer melts using a replica approach within a local theory. Physical Review E, 2009, 79, 031803.	2.1	2
16	Free Energy Correction to Rigid Body Docking : Application to the Colicin E7 and Im7 Complex. Lecture Notes in Computer Science, 2009, , 221-228.	1.3	0
17	High Resolution Approach to the Native State Ensemble Kinetics and Thermodynamics. Biophysical Journal, 2008, 95, 5524-5532.	0.5	17
18	Solution of local-field equations for self-generated glasses. Physical Review B, 2004, 70, .	3.2	14

#	Article	IF	Citations
19	Theory of microemulsion glasses. Chemical Physics Letters, 2002, 359, 1-7.	2.6	23