

# Sangwook Wu

## List of Publications by Year in descending order

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19  
papers

211  
citations

1040056

9  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

258  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural Comparison of DNA Polymerase Architecture Suggests a Nucleotide Gateway to the Polymerase Active Site. <i>Chemical Reviews</i> , 2014, 114, 2759-2774.	47.7	41
2	Warfarin and vitamin K epoxide reductase: a molecular accounting for observed inhibition. <i>Blood</i> , 2018, 132, 647-657.	1.4	32
3	Theory of microemulsion glasses. <i>Chemical Physics Letters</i> , 2002, 359, 1-7.	2.6	23
4	A revisit to the one form kinetic model of prothrombinase. <i>Biophysical Chemistry</i> , 2010, 149, 28-33.	2.8	18
5	High Resolution Approach to the Native State Ensemble Kinetics and Thermodynamics. <i>Biophysical Journal</i> , 2008, 95, 5524-5532.	0.5	17
6	A model for the unique role of factor Va A2 domain extension in the human ternary thrombin-generating complex. <i>Biophysical Chemistry</i> , 2015, 199, 46-50.	2.8	16
7	A hetero-dimer model for concerted action of vitamin K carboxylase and vitamin K reductase in vitamin K cycle. <i>Journal of Theoretical Biology</i> , 2011, 279, 143-149.	1.7	15
8	Solution of local-field equations for self-generated glasses. <i>Physical Review B</i> , 2004, 70, .	3.2	14
9	Computing free energies of protein conformations from explicit solvent simulations. <i>Methods</i> , 2010, 52, 115-121.	3.8	13
10	Analysis on long-range residue-residue communication using molecular dynamics. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 2896-2901.	2.6	6
11	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. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 2293-2297.	4.6	5
12	Conformational change path between closed and open forms of C2 domain of coagulation factor V on a two-dimensional free-energy surface. <i>Physical Review E</i> , 2009, 79, 041909.	2.1	3
13	Quantum chemical study of the mechanism of action of vitamin K carboxylase in solvent. <i>International Journal of Quantum Chemistry</i> , 2010, 110, 2744-2751.	2.0	3
14	Dynamical self-arrest in symmetric and asymmetric diblock copolymer melts using a replica approach within a local theory. <i>Physical Review E</i> , 2009, 79, 031803.	2.1	2
15	A revisit to the one-form kinetic model of prothrombinase: A comment on the rebuttal. <i>Biophysical Chemistry</i> , 2012, 160, 77-78.	2.8	1
16	Do the crystallographic forms of prethrombin-2 revert to a single form in solution?. <i>Biophysical Chemistry</i> , 2015, 203-204, 28-32.	2.8	1
17	Loop-driven conformational transition between the alternative and collapsed form of prethrombin-2: targeted molecular dynamics study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 119-127.	3.5	1
18	The stability of the three transmembrane and the four transmembrane human vitamin K epoxide reductase models. <i>Journal of the Korean Physical Society</i> , 2016, 68, 929-935.	0.7	0

#	ARTICLE	IF	CITATIONS
19	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