

Jen Hsin

List of Publications by Year in descending order

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18
papers

1,046
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1594
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery Through the Computational Microscope. <i>Structure</i> , 2009, 17, 1295-1306.	3.3	302
2	Förster Energy Transfer Theory as Reflected in the Structures of Photosynthetic Light-Harvesting Systems. <i>ChemPhysChem</i> , 2011, 12, 518-531.	2.1	142
3	Using VMD: An Introductory Tutorial. <i>Current Protocols in Bioinformatics</i> , 2008, 24, Unit 5.7.	25.8	116
4	Intrinsic Curvature Properties of Photosynthetic Proteins in Chromatophores. <i>Biophysical Journal</i> , 2008, 95, 2822-2836.	0.5	73
5	Protein-Induced Membrane Curvature Investigated through Molecular Dynamics Flexible Fitting. <i>Biophysical Journal</i> , 2009, 97, 321-329.	0.5	68
6	Molecular Origin of the Hierarchical Elasticity of Titin: Simulation, Experiment, and Theory. <i>Annual Review of Biophysics</i> , 2011, 40, 187-203.	10.0	53
7	Structural model and excitonic properties of the dimeric RC-LH1-PufX complex from <i>Rhodospira rubra</i> . <i>Chemical Physics</i> , 2009, 357, 188-197.	1.9	48
8	Secondary and Tertiary Structure Elasticity of Titin Z1Z2 and a Titin Chain Model. <i>Biophysical Journal</i> , 2007, 93, 1719-1735.	0.5	46
9	Applications of the molecular dynamics flexible fitting method. <i>Journal of Structural Biology</i> , 2011, 173, 420-427.	2.8	44
10	Tertiary and Secondary Structure Elasticity of a Six-Ig Titin Chain. <i>Biophysical Journal</i> , 2010, 98, 1085-1095.	0.5	30
11	Self-Assembly of Photosynthetic Membranes. <i>ChemPhysChem</i> , 2010, 11, 1154-1159.	2.1	23
12	Energy transfer dynamics in an RC-LH1-PufX tubular photosynthetic membrane. <i>New Journal of Physics</i> , 2010, 12, 085005.	2.9	23
13	Formation of Salt Bridges Mediates Internal Dimerization of Myosin VI Medial Tail Domain. <i>Structure</i> , 2010, 18, 1443-1449.	3.3	21
14	Extension of a Three-Helix Bundle Domain of Myosin VI and Key Role of Calmodulins. <i>Biophysical Journal</i> , 2011, 100, 2964-2973.	0.5	16
15	A Glycophorin A-Like Framework for the Dimerization of Photosynthetic Core Complexes. <i>Journal of the American Chemical Society</i> , 2009, 131, 17096-17098.	13.7	15
16	Oligomerization State of Photosynthetic Core Complexes Is Correlated with the Dimerization Affinity of a Transmembrane Helix. <i>Journal of the American Chemical Society</i> , 2011, 133, 14071-14081.	13.7	13
17	Improved Resolution of Tertiary Structure Elasticity in Muscle Protein. <i>Biophysical Journal</i> , 2011, 100, L22-L24.	0.5	10
18	The Light-Harvesting Apparatus in Purple Photosynthetic Bacteria: Introduction to a Quantum Biological Device. , 2011, , 19-48.		3