

Amy Y Shih

List of Publications by Year in descending order

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15
papers

843
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1134
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the Glass Ceiling in Simulation and Modeling: Women in Pharmaceutical Discovery. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1929-1936.	6.4	3
2	Impact of Protein Preparation on Resulting Accuracy of FEP Calculations. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 5287-5289.	5.4	10
3	Comprehensive engineering of the tarantula venom peptide huwentoxin-IV to inhibit the human voltage-gated sodium channel hNav1.7. <i>Journal of Biological Chemistry</i> , 2020, 295, 1315-1327.	3.4	10
4	Dynamic Structural Differences between Human and Mouse STING Lead to Differing Sensitivity to DMXAA. <i>Biophysical Journal</i> , 2018, 114, 32-39.	0.5	63
5	Predicting the Binding of Fatty Acid Amide Hydrolase Inhibitors by Free Energy Perturbation. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 5815-5822.	5.3	16
6	Analysis of the Structural and Molecular Basis of Voltage-sensitive Sodium Channel Inhibition by the Spider Toxin Huwentoxin-IV (1/4-TRTX-Hh2a). <i>Journal of Biological Chemistry</i> , 2013, 288, 22707-22720.	3.4	63
7	Identification of Structural Motifs Critical for Epstein-Barr Virus-Induced Molecule 2 Function and Homology Modeling of the Ligand Docking Site. <i>Molecular Pharmacology</i> , 2012, 82, 1094-1103.	2.3	19
8	Maturation of high-density lipoproteins. <i>Journal of the Royal Society Interface</i> , 2009, 6, 863-871.	3.4	46
9	Molecular Models Need to be Tested: The Case of a Solar Flares Discoidal HDL Model. <i>Biophysical Journal</i> , 2008, 94, L87-L89.	0.5	29
10	Chapter 11 Molecular Modeling of the Structural Properties and Formation of High-Density Lipoprotein Particles. <i>Current Topics in Membranes</i> , 2008, 60, 313-342.	0.9	8
11	Disassembly of Nanodiscs with Cholate. <i>Nano Letters</i> , 2007, 7, 1692-1696.	9.1	89
12	Assembly of Lipids and Proteins into Lipoprotein Particles. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11095-11104.	2.6	60
13	Coarse Grained Protein~Lipid Model with Application to Lipoprotein Particles~. <i>Journal of Physical Chemistry B</i> , 2006, 110, 3674-3684.	2.6	244
14	The role of molecular modeling in bionanotechnology. <i>Physical Biology</i> , 2006, 3, S40-S53.	1.8	68
15	Molecular Dynamics Simulations of Discoidal Bilayers Assembled from Truncated Human Lipoproteins. <i>Biophysical Journal</i> , 2005, 88, 548-556.	0.5	115