

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