

# Yalun Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/468137/publications.pdf>

Version: 2024-02-01

10  
papers

129  
citations

1684188

5  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	CHARMM36 Lipid Force Field with Explicit Treatment of Long-Range Dispersion: Parametrization and Validation for Phosphatidylethanolamine, Phosphatidylglycerol, and Ether Lipids. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 1581-1595.	5.3	45
2	Semi-automated Optimization of the CHARMM36 Lipid Force Field to Include Explicit Treatment of Long-Range Dispersion. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 1562-1580.	5.3	39
3	Update of the CHARMM36 United Atom Chain Model for Hydrocarbons and Phospholipids. <i>Journal of Physical Chemistry B</i> , 2020, 124, 6797-6812.	2.6	16
4	Modeling <i>Pseudomonas aeruginosa</i> inner plasma membrane in planktonic and biofilm modes. <i>Journal of Chemical Physics</i> , 2018, 149, 215102.	3.0	7
5	Estimating localization of various statins within a POPC bilayer. <i>Chemistry and Physics of Lipids</i> , 2021, 236, 105074.	3.2	7
6	All-Atom Modeling of Complex Cellular Membranes. <i>Langmuir</i> , 2022, 38, 3-17.	3.5	6
7	Simulations of Diabetic and Non-Diabetic Peripheral Nerve Myelin Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2021, 125, 6201-6213.	2.6	4
8	Symmetric and Asymmetric Models for the <i>Arabidopsis thaliana</i> Plasma Membrane: A Simulation Study. <i>Journal of Physical Chemistry B</i> , 2021, 125, 11418-11431.	2.6	4
9	Modifying the CHARMM36 Lipid Force Field for LJ-PME Simulations. <i>Biophysical Journal</i> , 2020, 118, 87a.	0.5	1
10	Update of the CHARMM36 United Atom Chain Model for Lipids. <i>Biophysical Journal</i> , 2020, 118, 88a.	0.5	0