

# Fernando Favela-Rosales

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2724024/publications.pdf>

Version: 2024-02-01

10  
papers

187  
citations

1874746

5  
h-index

1905433

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of sterols on the structure and dynamics of membrane domains and the action of polyenes. <i>Biophysical Journal</i> , 2022, 121, 365a.	0.2	0
2	Inverse Conformational Selection in Lipid-Protein Binding. <i>Journal of the American Chemical Society</i> , 2021, 143, 13701-13709.	6.6	16
3	A molecular dynamics study proposing the existence of statistical structural heterogeneity due to chain orientation in the POPC-cholesterol bilayer. <i>Biophysical Chemistry</i> , 2020, 257, 106275.	1.5	10
4	Headgroup Structure and Cation Binding in Phosphatidylserine Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2019, 123, 9066-9079.	1.2	43
5	Influence of Sterol in Ternary Mixtures Containing Sphingomyelin: An All-Atom Molecular Dynamics Study. <i>Biophysical Journal</i> , 2019, 116, 88a-89a.	0.2	0
6	Molecular dynamics simulation study of the effect of halothane on mixed DPPC/DPPE phospholipid membranes. <i>Journal of Molecular Modeling</i> , 2019, 25, 4.	0.8	5
7	Lateral Heterogeneity of Cholesterol on Binary Lipid Mixtures of POPC/CHOL: a Molecular Dynamics Study. <i>Biophysical Journal</i> , 2017, 112, 383a-384a.	0.2	0
8	Phase Diagram of Lipid-Cholesterol Mixture: Comparison between Different Force Fields. <i>Biophysical Journal</i> , 2015, 108, 160a.	0.2	1
9	Toward Atomistic Resolution Structure of Phosphatidylcholine Headgroup and Glycerol Backbone at Different Ambient Conditions. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15075-15088.	1.2	109
10	Liquid-Ordered Phase Formation in Cholesterol-Popc Bilayers: All-Atom Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2014, 106, 80a.	0.2	3