

# Van A Ngo

## List of Publications by Year in descending order

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Version: 2024-02-01

15  
papers

180  
citations

1163117

8  
h-index

1199594

12  
g-index

18  
all docs

18  
docs citations

18  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Millisecond molecular dynamics simulations of KRas-dimer formation and interfaces. <i>Biophysical Journal</i> , 2022, 121, 3730-3744.	0.5	6
2	Identifying key determinants and dynamics of SARS-CoV-2/ACE2 tight interaction. <i>PLoS ONE</i> , 2021, 16, e0257905.	2.5	6
3	Molecular determinants of pro-arrhythmia proclivity of d- and l-sotalol via a multi-scale modeling pipeline. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 158, 163-177.	1.9	10
4	Characterizing the Water Wire in the Gramicidin Channel Found by Monte Carlo Sampling Using Continuum Electrostatics and in Molecular Dynamics Trajectories with Conventional or Polarizable Force Fields. <i>Journal of Computational Biophysics and Chemistry</i> , 2021, 20, 111-130.	1.7	11
5	How Anionic Lipids Affect Spatiotemporal Properties of KRAS4B on Model Membranes. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5434-5453.	2.6	18
6	Comparative Analysis of Protein Hydration from MD simulations with Additive and Polarizable Force Fields. <i>Advanced Theory and Simulations</i> , 2019, 2, 1800106.	2.8	22
7	Mapping Ryanodine Binding Sites in the Pore Cavity of Ryanodine Receptors. <i>Biophysical Journal</i> , 2017, 112, 1645-1653.	0.5	7
8	Computational membrane biophysics: From ion channel interactions with drugs to cellular function. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 1643-1653.	2.3	14
9	Estimation of Potentials of Mean Force from Nonequilibrium Pulling Simulations Using Both Minh-Adib Estimator and Weighted Histogram Analysis Method. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1000-1010.	5.3	20
10	Is the G-Quadruplex an Effective Nanoconductor for Ions?. <i>Journal of Physical Chemistry B</i> , 2014, 118, 864-872.	2.6	12
11	Parallel-pulling protocol for free-energy evaluation. <i>Physical Review E</i> , 2012, 85, 036702.	2.1	11
12	Demonstration of Jarzynski's equality in open quantum systems using a stepwise pulling protocol. <i>Physical Review E</i> , 2012, 86, 031127.	2.1	10
13	Supercrystals of DNA-Functionalized Gold Nanoparticles: A Million-Atom Molecular Dynamics Simulation Study. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19579-19585.	3.1	20
14	Molecular Mechanism of Flip-Flop in Triple-Layer Oleic-Acid Membrane: Correlation between Oleic Acid and Water. <i>Journal of Physical Chemistry B</i> , 2012, 116, 13416-13423.	2.6	6
15	Characterizing the water wire in the Gramicidin channel found by Monte Carlo sampling using continuum electrostatics and in molecular dynamics trajectories with conventional or polarizable force fields. <i>Journal of Theoretical and Computational Chemistry</i> , 0, , 2042001.	1.8	2