

# Cayla M Miller

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1620252/publications.pdf>

Version: 2024-02-01

7  
papers

258  
citations

1684188

5  
h-index

1872680

6  
g-index

8  
all docs

8  
docs citations

8  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Free Energy Surface of an Intrinsically Disordered Protein: Comparison between Temperature Replica Exchange Molecular Dynamics and Bias-Exchange Metadynamics. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 2776-2782.	5.3	69
2	Regulation and dynamics of force transmission at individual cell-matrix adhesion bonds. <i>Science Advances</i> , 2020, 6, eaax0317.	10.3	65
3	Protein Composition Determines the Effect of Crowding on the Properties of Disordered Proteins. <i>Biophysical Journal</i> , 2016, 111, 28-37.	0.5	48
4	Molecular Simulations Indicate Marked Differences in the Structure of Amylin Mutants, Correlated with Known Aggregation Propensity. <i>Journal of Physical Chemistry B</i> , 2013, 117, 16066-16075.	2.6	43
5	Disorder in Cholesterol-Binding Functionality of CRAC Peptides: A Molecular Dynamics Study. <i>Journal of Physical Chemistry B</i> , 2014, 118, 13169-13174.	2.6	31
6	Correlation of Helical Propensity in Amylin Sequences with Known Aggregation Propensity. <i>Biophysical Journal</i> , 2014, 106, 483a.	0.5	1
7	Direct Measurement of the Magnitude and Dynamics of Mechanical Forces Exerted by Single Integrins in Living Cells. <i>Biophysical Journal</i> , 2018, 114, 653a.	0.5	0