

# Caitlin E Cornell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1280817/publications.pdf>

Version: 2024-02-01

10  
papers

395  
citations

1040056

9  
h-index

1474206

9  
g-index

13  
all docs

13  
docs citations

13  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prebiotic Proto-cell Membranes Retain Encapsulated Contents during Flocculation, and Phospholipids Preserve Encapsulation during Dehydration. <i>Langmuir</i> , 2022, 38, 1304-1310.	3.5	12
2	Yeast cells actively tune their membranes to phase separate at temperatures that scale with growth temperatures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	17
3	Endocytic proteins with prion-like domains form viscoelastic condensates that enable membrane remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	84
4	Direct imaging of liquid domains in membranes by cryo-electron tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19713-19719.	7.1	58
5	A Step toward Molecular Evolution of RNA: Ribose Binds to Prebiotic Fatty Acid Membranes, and Nucleosides Bind Better than Individual Bases Do. <i>ChemBioChem</i> , 2020, 21, 2764-2767.	2.6	13
6	Prebiotic amino acids bind to and stabilize prebiotic fatty acid membranes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17239-17244.	7.1	79
7	Phase diagrams and tie lines in giant unilamellar vesicles. , 2019, , 401-416.		4
8	Tuning Length Scales of Small Domains in Cell-Derived Membranes and Synthetic Model Membranes. <i>Biophysical Journal</i> , 2018, 115, 690-701.	0.5	24
9	n-Alcohol Length Governs Shift in Lo-Ld Mixing Temperatures in Synthetic and Cell-Derived Membranes. <i>Biophysical Journal</i> , 2017, 113, 1200-1211.	0.5	22
10	Hallmarks of Reversible Separation of Living, Unperturbed Cell Membranes into Two Liquid Phases. <i>Biophysical Journal</i> , 2017, 113, 2425-2432.	0.5	81