Caitlin E Cornell

List of Publications by Year
in descending order

10	395	1040056	1474206
papers	citations	9	9
		h-index	g-index

13	13	13	443
all docs	docs citations	times ranked	citing authors

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