

Aurelia R Honerkamp-Smith

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,506
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

1404
citing authors

#	ARTICLE	IF	CITATIONS
1	Critical Fluctuations in Plasma Membrane Vesicles. ACS Chemical Biology, 2008, 3, 287-293.	3.4	420
2	Line Tensions, Correlation Lengths, and Critical Exponents in Lipid Membranes Near Critical Points. Biophysical Journal, 2008, 95, 236-246.	0.5	305
3	An introduction to critical points for biophysicists; observations of compositional heterogeneity in lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 53-63.	2.6	257
4	Coarsening Dynamics of Domains in Lipid Membranes. Biophysical Journal, 2013, 105, 444-454.	0.5	102
5	Membrane Viscosity Determined from Shear-Driven Flow in Giant Vesicles. Physical Review Letters, 2013, 111, 038103.	7.8	79
6	Experimental Observations of Dynamic Critical Phenomena in a Lipid Membrane. Physical Review Letters, 2012, 108, 265702.	7.8	71
7	Transbilayer Colocalization of Lipid Domains Explained via Measurement of Strong Coupling Parameters. Biophysical Journal, 2015, 109, 2317-2327.	0.5	70
8	Dynamics of a <i>Xenopus</i> Embryo Turning Itself Inside Out. Physical Review Letters, 2015, 114, 178101.	7.8	61
9	Solubility limits of cholesterol, lanosterol, ergosterol, stigmasterol, and β -sitosterol in electroformed lipid vesicles. Soft Matter, 2010, 6, 5882.	2.7	53
10	The noisy basis of morphogenesis: Mechanisms and mechanics of cell sheet folding inferred from developmental variability. PLoS Biology, 2018, 16, e2005536.	5.6	22
11	Cellular organization in lab-evolved and extant multicellular species obeys a maximum entropy law. ELife, 2022, 11, .	6.0	20
12	Liquid-liquid phase transition temperatures increase when lipid bilayers are supported on glass. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1965-1971.	2.6	18
13	Systematic measurements of interleaflet friction in α -supported bilayers. Biophysical Journal, 2022, 121, 2981-2993.	0.5	12
14	Divide and conquer: How phase separation contributes to lateral transport and organization of membrane proteins and lipids. Chemistry and Physics of Lipids, 2020, 233, 104985.	3.2	7
15	Structure, Dynamics, and Interactions of GPI-Anchored Human Glypican-1 with Heparan Sulfates in a Membrane. Glycobiology, 2021, 31, 593-602.	2.5	6
16	Direct measurement of relative and collective diffusion in a dilute binary colloidal suspension. Journal of Chemical Physics, 2005, 122, 234909.	3.0	2
17	Zebrafish Keep Their Cool. Biophysical Journal, 2017, 113, 1175-1176.	0.5	1
18	Measuring Membrane Viscosity in the Widening Gyre. Biophysical Journal, 2020, 118, 1511-1513.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Dynamic Domains in Lipid Membranes near a Miscibility Critical Point. FASEB Journal, 2010, 24, .	0.5	0