

Thais A Enoki

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

466
citations

1040056

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1125743

13
g-index

25
all docs

25
docs citations

25
times ranked

616
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Principles of Membrane Shape Regulation by the Glycocalyx. <i>Cell</i> , 2019, 177, 1757-1770.e21.	28.9	187
2	Line Tension Controls Liquid-Disordered ⁺ Liquid-Ordered Domain Size Transition in Lipid Bilayers. <i>Biophysical Journal</i> , 2017, 112, 1431-1443.	0.5	78
3	Asymmetric Bilayers by Hemifusion: Method and Leaflet Behaviors. <i>Biophysical Journal</i> , 2019, 117, 1037-1050.	0.5	44
4	FRET Detects the Size of Nanodomains for Coexisting Liquid-Disordered and Liquid-Ordered Phases. <i>Biophysical Journal</i> , 2018, 114, 1921-1935.	0.5	37
5	Light scattering on the structural characterization of DMPG vesicles along the bilayer anomalous phase transition. <i>Chemistry and Physics of Lipids</i> , 2012, 165, 826-837.	3.2	24
6	Model Membrane Systems Used to Study Plasma Membrane Lipid Asymmetry. <i>Symmetry</i> , 2021, 13, 1356.	2.2	23
7	Membrane Bending Moduli of Coexisting Liquid Phases Containing Transmembrane Peptide. <i>Biophysical Journal</i> , 2018, 114, 2152-2164.	0.5	22
8	Antimicrobial Peptide K ⁰ -W ⁶ -Hya1 Induces Stable Structurally Modified Lipid Domains in Anionic Membranes. <i>Langmuir</i> , 2018, 34, 2014-2025.	3.5	17
9	Investigation of the domain line tension in asymmetric vesicles prepared via hemifusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183586.	2.6	14
10	Improving our picture of the plasma membrane: Rafts induce ordered domains in a simplified model cytoplasmic leaflet. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2022, 1864, 183995.	2.6	12
11	Dataset of asymmetric giant unilamellar vesicles prepared via hemifusion: Observation of anti-alignment of domains and modulated phases in asymmetric bilayers.. <i>Data in Brief</i> , 2021, 35, 106927.	1.0	5
12	The Interaction Between the Antimicrobial Peptide K-Hya1 and Model Membranes: Distinct Action in Neutral or Negatively Charged Bilayers. <i>Biophysical Journal</i> , 2014, 106, 85a.	0.5	1
13	Light Scattering on the Structural Characterization of DMPG Vesicles along the Bilayer Anomalous Phase Transition. <i>Biophysical Journal</i> , 2013, 104, 81a.	0.5	0
14	Effect of Electrostatic Repulsion on DMPG Bilayers. <i>Biophysical Journal</i> , 2015, 108, 239a.	0.5	0
15	Partitioning of the Transmembrane Peptide GWALP23 between Lo and Ld Phases in Macro and Nanoscale Domains. Nanometer-Scale Domains can be Treated as a Phase. <i>Biophysical Journal</i> , 2015, 108, 86a.	0.5	0
16	Partition Coefficient of a Transmembrane Peptide, between Lo and Ld Phases: Does the Peptide Distinguish Macro from Nano Domains?. <i>Biophysical Journal</i> , 2016, 110, 84a-85a.	0.5	0
17	Probe Partition between Liquid-Disordered (LD) and Liquid-Ordered (Lo) Phases and Investigation of Nanodomain Sizes. <i>Biophysical Journal</i> , 2017, 112, 375a-376a.	0.5	0
18	F 4,5 GWALP Partitioning, Orientation, and Effect on Bending Moduli in Models of the Plasma Membrane. <i>Biophysical Journal</i> , 2017, 112, 377a.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Measuring Partition Coefficient between Liquid-Disordered (LD) and Liquid-Ordered Phases. Why are Phase Diagrams Important to Know?. Biophysical Journal, 2018, 114, 449a.	0.5	0
20	A New Method to Prepare Asymmetric Unilamellar Vesicles: Hemifusion. Biophysical Journal, 2019, 116, 80a.	0.5	0
21	Experimental Evidence That Bilayer Asymmetry Decreases Lo/Ld Line Tension. Biophysical Journal, 2020, 118, 386a.	0.5	0
22	Coupling of Leaflet Phase Behavior in Asymmetric Giant Unilamellar Vesicles Prepared by Hemifusion: Investigating the Influence of the Low-Melting Lipid. Biophysical Journal, 2021, 120, 39a.	0.5	0
23	Coupling between Lateral and Transverse Organization in Three-Component Lipid Mixtures Investigated with Asymmetric GUVs Prepared by Hemifusion. Biophysical Journal, 2021, 120, 39a.	0.5	0