

Masahito Yamazaki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Single Giant Unilamellar Vesicle Method Reveals Effect of Antimicrobial Peptide Magainin 2 on Membrane Permeability. <i>Biochemistry</i> , 2005, 44, 15823-15833.	2.5	213
2	Single GUV Method Reveals Interaction of Tea Catechin (âˆ“) -Epigallocatechin Gallate with Lipid Membranes. <i>Biophysical Journal</i> , 2007, 92, 3178-3194.	0.5	135
3	Magainin 2-Induced Pore Formation in the Lipid Membranes Depends on Its Concentration in the Membrane Interface. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4846-4852.	2.6	131
4	Kinetic Pathway of Antimicrobial Peptide Magainin 2-Induced Pore Formation in Lipid Membranes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 12018-12026.	2.6	122
5	Mechanical unfolding of single filamin A (ABP-280) molecules detected by atomic force microscopy. <i>FEBS Letters</i> , 2001, 498, 72-75.	2.8	112
6	Deformation and instability of membrane structure of phospholipid vesicles caused by osmophobic association: mechanical stress model for the mechanism of poly(ethylene glycol)-induced membrane fusion. <i>Biochemistry</i> , 1990, 29, 1309-1314.	2.5	106
7	A new method for the preparation of giant liposomes in high salt concentrations and growth of protein microcrystals in them. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1561, 129-134.	2.6	103
8	Stretch-Activated Pore of the Antimicrobial Peptide, Magainin 2. <i>Langmuir</i> , 2015, 31, 3391-3401.	3.5	102
9	La ³⁺ and Gd ³⁺ induce shape change of giant unilamellar vesicles of phosphatidylcholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1564, 173-182.	2.6	94
10	Membrane Fusion of Giant Unilamellar Vesicles of Neutral Phospholipid Membranes Induced by La ³⁺ . <i>Langmuir</i> , 2004, 20, 5160-5164.	3.5	94
11	A membrane filtering method for the purification of giant unilamellar vesicles. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 351-358.	3.2	94
12	Shape Changes and Vesicle Fission of Giant Unilamellar Vesicles of Liquid-Ordered Phase Membrane Induced by Lysophosphatidylcholine. <i>Langmuir</i> , 2004, 20, 9526-9534.	3.5	90
13	Osmoelastic coupling in biological structures: formation of parallel bundles of actin filaments in a crystalline-like structure caused by osmotic stress. <i>Biochemistry</i> , 1989, 28, 6513-6518.	2.5	80
14	The single GUV method for revealing the functions of antimicrobial, pore-forming toxin, and cell-penetrating peptides or proteins. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15752-15767.	2.8	79
15	Mechanism of Initial Stage of Pore Formation Induced by Antimicrobial Peptide Magainin 2. <i>Langmuir</i> , 2018, 34, 3349-3362.	3.5	75
16	Osmoelastic coupling in biological structures: decrease in membrane fluidity and osmophobic association of phospholipid vesicles in response to osmotic stress. <i>Biochemistry</i> , 1989, 28, 3710-3715.	2.5	73
17	Entry of Cell-Penetrating Peptide Transportan 10 into a Single Vesicle by Translocating Across Lipid Membrane and Its Induced Pores. <i>Biochemistry</i> , 2014, 53, 386-396.	2.5	71
18	Rate Constant of Tension-Induced Pore Formation in Lipid Membranes. <i>Langmuir</i> , 2013, 29, 3848-3852.	3.5	69

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19	Experimental Estimation of Membrane Tension Induced by Osmotic Pressure. <i>Biophysical Journal</i> , 2016, 111, 2190-2201.	0.5	67
20	Effects of electrostatic interaction on the phase stability and structures of cubic phases of monoolein/oleic acid mixture membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1461, 96-102.	2.6	65
21	Vesicle Fission of Giant Unilamellar Vesicles of Liquid-Ordered-Phase Membranes Induced by Amphiphiles with a Single Long Hydrocarbon Chain. <i>Langmuir</i> , 2007, 23, 720-728.	3.5	61
22	Formation of ion channels in lipid bilayers by a peptide with the predicted transmembrane sequence of botulinum neurotoxin A. <i>Protein Science</i> , 1995, 4, 1490-1497.	7.6	60
23	Effect of Electrostatic Interactions on Phase Stability of Cubic Phases of Membranes of Monoolein/Dioleoylphosphatidic Acid Mixtures. <i>Biophysical Journal</i> , 2001, 81, 983-993.	0.5	60
24	Effects of Lipid Composition on the Entry of Cell-Penetrating Peptide Oligoarginine into Single Vesicles. <i>Biochemistry</i> , 2016, 55, 4154-4165.	2.5	60
25	Shape Changes of Giant Unilamellar Vesicles of Phosphatidylcholine Induced by a De Novo Designed Peptide Interacting with Their Membrane Interface. <i>Langmuir</i> , 2002, 18, 9638-9641.	3.5	58
26	Low pH Induces an Interdigitated Gel to Bilayer Gel Phase Transition in Dihexadecylphosphatidylcholine Membrane. <i>Biophysical Journal</i> , 1999, 77, 2015-2023.	0.5	55
27	Phase transitions of phospholipid vesicles under osmotic stress and in the presence of ethylene glycol. <i>Biophysical Chemistry</i> , 1992, 43, 29-37.	2.8	54
28	Formation of Cubic Phases from Large Unilamellar Vesicles of Dioleoylphosphatidylglycerol/Monoolein Membranes Induced by Low Concentrations of Ca ²⁺ . <i>Langmuir</i> , 2005, 21, 11556-11561.	3.5	53
29	Effects of Mechanical Properties of Lipid Bilayers on the Entry of Cell-Penetrating Peptides into Single Vesicles. <i>Langmuir</i> , 2017, 33, 2433-2443.	3.5	46
30	Lipid Membrane Formation by Vesicle Fusion on Silicon Dioxide Surfaces Modified with Alkyl Self-Assembled Monolayer Islands. <i>Langmuir</i> , 2004, 20, 7526-7531.	3.5	45
31	The Single-Giant Unilamellar Vesicle Method Reveals Lysenin-Induced Pore Formation in Lipid Membranes Containing Sphingomyelin. <i>Biochemistry</i> , 2012, 51, 5160-5172.	2.5	44
32	Electrostatic interaction effects on tension-induced pore formation in lipid membranes. <i>Physical Review E</i> , 2015, 92, 012708.	2.1	43
33	Communication: Activation energy of tension-induced pore formation in lipid membranes. <i>Journal of Chemical Physics</i> , 2015, 143, 081103.	3.0	43
34	Direct evidence of induction of interdigitated gel structure in large unilamellar vesicles of dipalmitoylphosphatidylcholine by ethanol: studies by excimer method and high-resolution electron cryomicroscopy. <i>Biophysical Journal</i> , 1994, 66, 729-733.	0.5	42
35	Elementary processes for the entry of cell-penetrating peptides into lipid bilayer vesicles and bacterial cells. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3879-3892.	3.6	41
36	The mechanism of the stabilization of the hexagonal II (H II) phase in phosphatidylethanolamine membranes in the presence of low concentrations of dimethyl sulfoxide. <i>European Biophysics Journal</i> , 2001, 30, 207-220.	2.2	40

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37	Analysis of constant tension-induced rupture of lipid membranes using activation energy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 13487-13495.	2.8	40
38	Low concentration of DMSO stabilizes the bilayer gel phase rather than the interdigitated gel phase in dihexadecylphosphatidylcholine membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1467, 395-405.	2.6	39
39	Organic solvents induce interdigitated gel structures in multilamellar vesicles of dipalmitoylphosphatidylcholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1284, 233-239.	2.6	38
40	Mechanical response of single filamin A (ABP-280) molecules and its role in the actin cytoskeleton. <i>Journal of Muscle Research and Cell Motility</i> , 2002, 23, 525-534.	2.0	37
41	Stability of giant unilamellar vesicles and large unilamellar vesicles of liquid-ordered phase membranes in the presence of Triton X-100. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1667, 1-6.	2.6	36
42	Sulfur-doped carbon dots@polydopamine-functionalized magnetic silver nanocubes for dual-modality detection of norovirus. <i>Biosensors and Bioelectronics</i> , 2021, 193, 113540.	10.1	36
43	The role of membrane tension in the action of antimicrobial peptides and cell-penetrating peptides in biomembranes. <i>Biophysical Reviews</i> , 2019, 11, 431-448.	3.2	35
44	Chapter 5 The Single Guv Method to Reveal Elementary Processes of Leakage of Internal Contents from Liposomes Induced by Antimicrobial Substances. <i>Behavior Research Methods</i> , 2008, , 121-142.	4.0	34
45	Effect of de Novo Designed Peptides Interacting with the Lipid-Membrane Interface on the Stability of the Cubic Phases of the Monoolein Membrane. <i>Langmuir</i> , 2003, 19, 4745-4753.	3.5	32
46	Intermembrane distance in multilamellar vesicles of phosphatidylcholine depends on the interaction free energy between solvents and the hydrophilic segments of the membrane surface. <i>Biophysical Chemistry</i> , 1998, 74, 237-249.	2.8	30
47	Spontaneous insertion of lipopolysaccharide into lipid membranes from aqueous solution. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 166-174.	3.2	29
48	Role of Membrane Potential on Entry of Cell-Penetrating Peptide Transportan 10 into Single Vesicles. <i>Biophysical Journal</i> , 2020, 118, 57-69.	0.5	29
49	Osmoelastic coupling in biological structures: a comprehensive thermodynamic analysis of the osmotic response of phospholipid vesicles and a reevaluation of the "dehydration force" theory. <i>Biochemistry</i> , 1989, 28, 5626-5630.	2.5	28
50	Entry of a Six-Residue Antimicrobial Peptide Derived from Lactoferricin B into Single Vesicles and <i>Escherichia coli</i> Cells without Damaging their Membranes. <i>Biochemistry</i> , 2017, 56, 4419-4431.	2.5	28
51	Effect of Positively Charged Short Peptides on Stability of Cubic Phases of Monoolein/Dioleoylphosphatidic Acid Mixtures. <i>Langmuir</i> , 2005, 21, 5290-5297.	3.5	26
52	Low-pH-Induced Transformation of Bilayer Membrane into Bicontinuous Cubic Phase in Dioleoylphosphatidylserine/Monoolein Membranes. <i>Langmuir</i> , 2008, 24, 3400-3406.	3.5	26
53	Antimicrobial Peptide Lactoferricin B-Induced Rapid Leakage of Internal Contents from Single Giant Unilamellar Vesicles. <i>Biochemistry</i> , 2015, 54, 5802-5814.	2.5	25
54	Elementary processes of antimicrobial peptide PGLa-induced pore formation in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2262-2271.	2.6	25

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55	Studies of alcohol-induced interdigitated gel phase in phosphatidylcholine multilamellar vesicles by the excimer method. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1106, 94-98.	2.6	24
56	Interaction of the surface of biomembrane with solvents: structure of multilamellar vesicles of dipalmitoylphosphatidylcholine in acetone-water mixtures. <i>Chemistry and Physics of Lipids</i> , 1997, 85, 53-65.	3.2	24
57	Continuous detection of entry of cell-penetrating peptide transportan 10 into single vesicles. <i>Chemistry and Physics of Lipids</i> , 2018, 212, 120-129.	3.2	24
58	Membrane potential is vital for rapid permeabilization of plasma membranes and lipid bilayers by the antimicrobial peptide lactoferricin B. <i>Journal of Biological Chemistry</i> , 2019, 294, 10449-10462.	3.4	24
59	Action of antimicrobial peptides and cell-penetrating peptides on membrane potential revealed by the single GUV method. <i>Biophysical Reviews</i> , 2020, 12, 339-348.	3.2	24
60	Polymorphism of F-Actin Assembly. 1. A Quantitative Phase Diagram of F-Actin. <i>Biochemistry</i> , 1996, 35, 5238-5244.	2.5	22
61	Fluorescent and electrochemical dual-mode detection of Chikungunya virus E1 protein using fluorophore-embedded and redox probe-encapsulated liposomes. <i>Mikrochimica Acta</i> , 2020, 187, 674.	5.0	22
62	Design and Facile Synthesis of Neoglycolipids as Lactosylceramide Mimetics and Their Transformation into Glycoliposomes. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 166-178.	1.3	21
63	Phase transition between hexagonal II(HII) and liquid-crystalline phase induced by interaction between solvents and segments of the membrane surface of dioleoylphosphatidylethanolamine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1330, 199-206.	2.6	20
64	Atomic force microscopy studies of interaction of the 20S proteasome with supported lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1615, 1-6.	2.6	19
65	Membrane Tension in Negatively Charged Lipid Bilayers in a Buffer under Osmotic Pressure. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5588-5599.	2.6	19
66	Initial Step of pH-Jump-Induced Lamellar to Bicontinuous Cubic Phase Transition in Dioleoylphosphatidylserine/Monoolein. <i>Langmuir</i> , 2014, 30, 8131-8140.	3.5	18
67	Poly(ethylene glycol)-induced shrinkage of Sephadex gel. A model system for quantitative analysis of osmoelastic coupling. <i>Biophysical Journal</i> , 1989, 56, 707-711.	0.5	17
68	La ³⁺ stabilizes the hexagonal II (HII) phase in phosphatidylethanolamine membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1515, 189-201.	2.6	17
69	Cationic DMPC/DMTAP Lipid Bilayers: Local Lateral Polarization of Phosphatidylcholine Headgroups. <i>Langmuir</i> , 2005, 21, 5677-5680.	3.5	16
70	Effect of osmotic pressure on pore formation in lipid bilayers by the antimicrobial peptide magainin 2. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 6716-6731.	2.8	16
71	The Single GUV Method for Probing Biomembrane Structure and Function. <i>E-Journal of Surface Science and Nanotechnology</i> , 2005, 3, 218-227.	0.4	15
72	Kinetics of low pH-induced lamellar to bicontinuous cubic phase transition in dioleoylphosphatidylserine/monoolein. <i>Journal of Chemical Physics</i> , 2011, 134, 145102.	3.0	15

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73	Activation Energy of the Low-pH-Induced Lamellar to Bicontinuous Cubic Phase Transition in Dioleoylphosphatidylserine/Monoolein. <i>Langmuir</i> , 2016, 32, 1327-1337.	3.5	15
74	Effect of membrane potential on pore formation by the antimicrobial peptide magainin 2 in lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2020, 1862, 183381.	2.6	15
75	Mechanical response of single filamin A (ABP-280) molecules and its role in the actin cytoskeleton. , 2003, , 525-534.		14
76	Use of Target-Specific Liposome and Magnetic Nanoparticle Conjugation for the Amplified Detection of Norovirus. <i>ACS Applied Bio Materials</i> , 2020, 3, 3560-3568.	4.6	13
77	Osmotic stress induces a phase transition from interdigitated gel phase to bilayer gel phase in multilamellar vesicles of dihexadecylphosphatidylcholine. <i>Biophysical Chemistry</i> , 1997, 65, 229-233.	2.8	12
78	Low-pH-Induced Lamellar to Bicontinuous Primitive Cubic Phase Transition in Dioleoylphosphatidylserine/Monoolein Membranes. <i>Langmuir</i> , 2017, 33, 12487-12496.	3.5	12
79	A Model for Targeting Colon Carcinoma Cells Using Single-Chain Variable Fragments Anchored on Virus-Like Particles via Glycosyl Phosphatidylinositol Anchor. <i>Pharmaceutical Research</i> , 2014, 31, 2166-2177.	3.5	11
80	Effect of membrane tension on transbilayer movement of lipids. <i>Journal of Chemical Physics</i> , 2018, 148, 245101.	3.0	11
81	Effect of Membrane Potential on Entry of Lactoferricin B-Derived 6-Residue Antimicrobial Peptide into Single Escherichia coli Cells and Lipid Vesicles. <i>Journal of Bacteriology</i> , 2021, 203, .	2.2	11
82	Phase separation of triton X-100 micelle solution induced by osmotic stress. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1063, 175-177.	2.6	10
83	Effects of solvents interacting favorably with hydrophilic segments of the membrane surface of phosphatidylcholine on their gel-phase membranes in water. <i>Biophysical Chemistry</i> , 1999, 81, 191-196.	2.8	10
84	Chapter 7 Transformation Between Liposomes and Cubic Phases of Biological Lipid Membranes Induced by Modulation of Electrostatic Interactions. <i>Behavior Research Methods</i> , 2009, , 163-209.	4.0	10
85	Elementary Processes and Mechanisms of Interactions of Antimicrobial Peptides with Membranesâ€”Single Giant Unilamellar Vesicle Studiesâ€”. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1117, 17-32.	1.6	10
86	Effect of oligomers of ethylene glycol on thermotropic phase transition of dipalmitoylphosphatidylcholine multilamellar vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1109, 43-47.	2.6	9
87	Detection of the Entry of Nonlabeled Transportan 10 into Single Vesicles. <i>Biochemistry</i> , 2020, 59, 1780-1790.	2.5	7
88	The â€œLe Chatelier's Principleâ€•Governed Response of Actin Filaments to Osmotic Stress. <i>Journal of Physical Chemistry B</i> , 2006, 110, 13572-13581.	2.6	6
89	A model of pressure-induced interdigitation of phospholipid membranes. <i>Chemical Physics Letters</i> , 2002, 360, 515-520.	2.6	5
90	Low concentration of dioleoylphosphatidic acid induces an inverted hexagonal (HII) phase transition in dipalmitoleoylphosphatidylethanolamine membranes. <i>Biophysical Chemistry</i> , 2004, 109, 149-155.	2.8	5

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91	Translocation of the nonlabeled antimicrobial peptide PGLa across lipid bilayers and its entry into vesicle lumens without pore formation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183680.	2.6	5
92	Single-Cell Analysis of the Antimicrobial and Bactericidal Activities of the Antimicrobial Peptide Magainin 2. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	5
93	Effect of Transmembrane Asymmetric Distribution of Lipids and Peptides on Lipid Bilayers. <i>Journal of Physical Chemistry B</i> , 2019, 123, 4645-4652.	2.6	4
94	Ion Permeability of a Membrane with Soft Polar Interfaces. 2. The Polar Zones as the Rate-Determining Step. <i>Langmuir</i> , 1998, 14, 4630-4637.	3.5	3
95	The effect of peptides and ions interacting with an electrically neutral membrane interface on the structure and stability of lipid membranes in the liquid-crystalline phase and in the liquid-ordered phase. <i>Journal of Physics Condensed Matter</i> , 2005, 17, S2979-S2989.	1.8	3
96	High affinity Zn ²⁺ inhibitory site(s) for the trypsin-like peptidase of the 20S proteasome. <i>Archives of Biochemistry and Biophysics</i> , 2008, 477, 113-120.	3.0	3
97	A Single GUV Method for Revealing the Action of Cell-Penetrating Peptides in Biomembranes. <i>Methods in Molecular Biology</i> , 2022, 2383, 167-179.	0.9	3
98	Effect of electrostatic interactions on phase stability of cubic phases of biomembranes. <i>Journal of Biological Physics</i> , 2002, 28, 253-266.	1.5	2
99	Optical nanospectroscopy applications in material science. <i>Applied Surface Science</i> , 2004, 234, 374-386.	6.1	2
100	Water permeability of lipid membranes of GUVs and its dependence on actin cytoskeletons inside the GUVs. , 2008, , .		2
101	Low pH Stabilizes the Inverted Hexagonal II Phase in Dipalmitoleoylphosphatidylethanolamine Membrane. <i>Journal of Biological Physics</i> , 2004, 30, 377-386.	1.5	1
102	2P272 Characterization of the pore in lipid membranes induced by antimicrobial peptide, magainin 2 (Native and artificial biomembranes-dynamics, Poster Presentations). <i>Seibutsu Butsuri</i> , 2007, 47, S181.	0.1	1
103	Effects of Surface Charge Density of Lipid Membranes on the Pore Formation Induced by Magainin 2. , 2007, , .		1
104	1K1130 Effects of Electrostatic Interaction and Peptide-Membrane Interaction on Phase Stability and Structure of Cubic Phases of Lipid Membranes. <i>Seibutsu Butsuri</i> , 2000, 40, S84.	0.1	0
105	Membrane Fusion of Giant Liposomes of Neutral Phospholipid Membranes Induced by La ³⁺ and Gd ³⁺ . AIP Conference Proceedings, 2004, , .	0.4	0
106	Electrostatic Effects in Phase Transitions of Biomembranes between Cubic Phases and Lamellar Liquid-Crystalline (L ₁) phase. AIP Conference Proceedings, 2004, , .	0.4	0
107	Single Giant Unilamellar Vesicle Method Reveals Effect of Antimicrobial Peptide, Magainin 2, and Antibacterial Substance, Tea Catechin, on Membrane Permeability and Membrane Structure. , 2006, , .		0
108	1P309 Elasticity of Solutions of Actin Filaments with Polymorphous Assembly Structures(10.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T</i> 2006, 46, S224.	0.1	0

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109	1P-213 Interaction of Cell Penetrating Peptide, Transportan 10, with single GUVs of lipid membrane(The Tj ETQq1 1,0.784314 rgBT /Over	0.1	0
110	1P-210 Effects of Surface Charge Density of Lipid Membranes on the Pore Formation Induced by Magainin 2 : the Single GUV Method Study (2)(The 46th Annual Meeting of the Biophysical Society of) Tj ETQq0 0 0 rgBT /Overlock 10 T	0	0
111	The size of the pore in lipid membranes induced by antimicrobial peptide magainin 2. , 2009, , .		0
112	Phase Transition in Di-oleoylphosphatidylglycerol/Monoolein Membranes due to Interactions of Positively Charged Peptides at their Lipid Membrane-Interface. Bangladesh Journal of Scientific and Industrial Research, 2010, 45, 219-224.	0.3	0
113	2A1536 Dependence of Lysenin-Induced Membrane Permeability on Cholesterol and Lysenin Concentration in the Membrane Surface(Biol & Artifi memb 2: Structure & Property, Dynamics,) Tj ETQq1,1 0.784314 rgBT /O	0.1	0
114	2A1548 Effects of Binding of Magainin 2 to Lipid Membranes on Surface Area and Volume of Single GUVs(Biol & Artifi memb 2: Structure & Property, Dynamics, Signal transduction,The 48th) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5	0	0
115	1P215 Initial Step of Low pH-Induced Lamellar to Bicontinuous Cubic Phase Transition in Dioleoylphosphatidylserine/Monoolein(13B.Biological & Artifi cal membrane: Dynamics,Poster,The) Tj ETQq1 1 0.784314 rgBT /Over	0	0
116	1P218 Permeation of Cell-Penetrating Peptide Transportan 10 through Lipid Membranes before Pore Formation(13B. Biological & Artifi cal membrane: Dynamics,Poster). Seibutsu Butsuri, 2013, 53, S142.	0.1	0
117	1P216 Effects of Mechanical Properties of Lipid Membranes on Antimicrobial Peptide Magainin 2-Induced Pore Formation(13B.Biological & Artifi cal membrane: Dynamics,Poster,The 51st Annual Meeting of) Tj ETQq1 1 0.784314 rgBT /O	0	0
118	1P217 Effects of Electrostatic Interactions on Rate Constants of Tension-Induced Pore Formation in Single GUVs(13B.Biological & Artifi cal membrane: Dynamics,Poster,The 51st Annual Meeting of the) Tj ETQq0 0 0 rgBT /Overlock 10	0	0
119	2P215 Initial Step of Low pH-Induced Structural Transition from Unilamellar Vesicles of DOPS/MO to Inverse Bicontinuous Cubic Phase(13B. Biological & Artifi cal membrane:Dynamics,Poster). Seibutsu Butsuri, 2014, 54, S230.	0.1	0