

Luis A Bagatolli

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4658971/publications.pdf>

Version: 2024-02-01

127
papers

8,873
citations

50276

46
h-index

42399

92
g-index

133
all docs

133
docs citations

133
times ranked

7540
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid Rafts Reconstituted in Model Membranes. <i>Biophysical Journal</i> , 2001, 80, 1417-1428.	0.5	1,298
2	Laurdan and Prodan as Polarity-Sensitive Fluorescent Membrane Probes. <i>Journal of Fluorescence</i> , 1998, 8, 365-373.	2.5	551
3	Two Photon Fluorescence Microscopy of Coexisting Lipid Domains in Giant Unilamellar Vesicles of Binary Phospholipid Mixtures. <i>Biophysical Journal</i> , 2000, 78, 290-305.	0.5	372
4	To see or not to see: Lateral organization of biological membranes and fluorescence microscopy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1541-1556.	2.6	334
5	Cholesterol Rules. <i>Journal of Biological Chemistry</i> , 2004, 279, 40715-40722.	3.4	260
6	Two-Photon Fluorescence Microscopy Observation of Shape Changes at the Phase Transition in Phospholipid Giant Unilamellar Vesicles. <i>Biophysical Journal</i> , 1999, 77, 2090-2101.	0.5	248
7	Direct Visualization of Membrane Leakage Induced by the Antibiotic Peptides: Maculatin, Citropin, and Aurein. <i>Biophysical Journal</i> , 2005, 89, 1874-1881.	0.5	214
8	A Correlation between Lipid Domain Shape and Binary Phospholipid Mixture Composition in Free Standing Bilayers: A Two-Photon Fluorescence Microscopy Study. <i>Biophysical Journal</i> , 2000, 79, 434-447.	0.5	212
9	Interaction of Biotin with Streptavidin. <i>Journal of Biological Chemistry</i> , 1997, 272, 11288-11294.	3.4	208
10	Giant Unilamellar Vesicles Electroformed from Native Membranes and Organic Lipid Mixtures under Physiological Conditions. <i>Biophysical Journal</i> , 2007, 93, 3548-3554.	0.5	208
11	The Human Skin Barrier Is Organized as Stacked Bilayers of Fully Extended Ceramides with Cholesterol Molecules Associated with the Ceramide Sphingoid Moiety. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2215-2225.	0.7	194
12	An outlook on organization of lipids in membranes: Searching for a realistic connection with the organization of biological membranes. <i>Progress in Lipid Research</i> , 2010, 49, 378-389.	11.6	190
13	Phase diagrams of lipid mixtures relevant to the study of membrane rafts. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 665-684.	2.4	186
14	Surface Behavior and Lipid Interaction of Alzheimer Î²-Amyloid Peptide 1-42: A Membrane-Disrupting Peptide. <i>Biophysical Journal</i> , 2005, 88, 2706-2713.	0.5	172
15	Absence of Fluid-Ordered/Fluid-Disordered Phase Coexistence in Ceramide/POPC Mixtures Containing Cholesterol. <i>Biophysical Journal</i> , 2006, 90, 4437-4451.	0.5	157
16	Detergent-Resistant, Ceramide-Enriched Domains in Sphingomyelin/Ceramide Bilayers. <i>Biophysical Journal</i> , 2006, 90, 903-914.	0.5	141
17	Structure of Spin-Coated Lipid Films and Domain Formation in Supported Membranes Formed by Hydration. <i>Langmuir</i> , 2004, 20, 9720-9728.	3.5	140
18	Giant phospholipid vesicles: comparison among the whole lipid sample characteristics using different preparation methods. <i>Chemistry and Physics of Lipids</i> , 2000, 105, 135-147.	3.2	135

#	ARTICLE	IF	CITATIONS
19	Direct Visualization of Lipid Domains in Human Skin Stratum Corneum's Lipid Membranes: Effect of pH and Temperature. <i>Biophysical Journal</i> , 2007, 93, 3142-3155.	0.5	133
20	Impact of membrane-anchored fluorescent probes on the mechanical properties of lipid bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1333-1337.	2.6	115
21	Phosphatidylethanolamine Binding Is a Conserved Feature of Cyclotide-Membrane Interactions. <i>Journal of Biological Chemistry</i> , 2012, 287, 33629-33643.	3.4	115
22	Giant Unilamellar Vesicle Electroformation. <i>Methods in Enzymology</i> , 2009, 465, 161-176.	1.0	104
23	Pig skin structure and transdermal delivery of liposomes: A two photon microscopy study. <i>Journal of Controlled Release</i> , 2008, 132, 12-20.	9.9	103
24	A Model for the Interaction of 6-Lauroyl-2-(N,N-dimethylamino)naphthalene with Lipid Environments: Implications for Spectral Properties. <i>Photochemistry and Photobiology</i> , 1999, 70, 557.	2.5	102
25	[20] Giant vesicles, laurdan, and two-photon fluorescence microscopy: Evidence of lipid lateral separation in bilayers. <i>Methods in Enzymology</i> , 2003, 360, 481-500.	1.0	99
26	Water Dynamics in Glycosphingolipid Aggregates Studied by LAURDAN Fluorescence. <i>Biophysical Journal</i> , 1998, 75, 331-341.	0.5	96
27	A Two-Photon View of an Enzyme at Work: <i>Crotalus atrox</i> Venom PLA2 Interaction with Single-Lipid and Mixed-Lipid Giant Unilamellar Vesicles. <i>Biophysical Journal</i> , 2002, 82, 2232-2243.	0.5	92
28	Segregated Phases in Pulmonary Surfactant Membranes Do Not Show Coexistence of Lipid Populations with Differentiated Dynamic Properties. <i>Biophysical Journal</i> , 2009, 97, 1381-1389.	0.5	91
29	Two-Photon Fluorescence Microscopy Studies of Bipolar Tetraether Giant Liposomes from Thermoacidophilic Archaeobacteria <i>Sulfolobus acidocaldarius</i> . <i>Biophysical Journal</i> , 2000, 79, 416-425.	0.5	88
30	Phase behavior of multicomponent membranes: Experimental and computational techniques. <i>Soft Matter</i> , 2009, 5, 3234.	2.7	85
31	Title is missing!. <i>Journal of Fluorescence</i> , 2001, 11, 141-160.	2.5	78
32	Visualization of lipid domains in giant unilamellar vesicles using an environment-sensitive membrane probe based on 3-hydroxyflavone. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 495-499.	2.6	68
33	Lipid domains in giant unilamellar vesicles and their correspondence with equilibrium thermodynamic phases: A quantitative fluorescence microscopy imaging approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 2142-2149.	2.6	68
34	Texture of Lipid Bilayer Domains. <i>Journal of the American Chemical Society</i> , 2009, 131, 14130-14131.	13.7	67
35	Segregation of Saturated Chain Lipids in Pulmonary Surfactant Films and Bilayers. <i>Biophysical Journal</i> , 2002, 82, 2041-2051.	0.5	63
36	Spectral phasor analysis of LAURDAN fluorescence in live A549 lung cells to study the hydration and time evolution of intracellular lamellar body-like structures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 2625-2635.	2.6	62

#	ARTICLE	IF	CITATIONS
37	Laurdan properties in glycosphingolipid-phospholipid mixtures: a comparative fluorescence and calorimetric study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1325, 80-90.	2.6	60
38	Two distinguishable fluorescent modes of 1-anilino-8-naphthalenesulfonate bound to human albumin. <i>Journal of Fluorescence</i> , 1996, 6, 33-40.	2.5	59
39	Direct observation of lipid domains in free standing bilayers: from simple to complex lipid mixtures. <i>Chemistry and Physics of Lipids</i> , 2003, 122, 137-145.	3.2	59
40	Multiphoton excitation fluorescence microscopy in planar membrane systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1301-1308.	2.6	58
41	Spatially Resolved Two-Color Diffusion Measurements in Human Skin Applied to Transdermal Liposome Penetration. <i>Journal of Investigative Dermatology</i> , 2013, 133, 1260-1268.	0.7	56
42	Ceramide-Enriched Membrane Domains in Red Blood Cells and the Mechanism of Sphingomyelinase-Induced HotâˆCold Hemolysis. <i>Biochemistry</i> , 2008, 47, 11222-11230.	2.5	55
43	Is the fluid mosaic (and the accompanying raft hypothesis) a suitable model to describe fundamental features of biological membranes? What may be missing?. <i>Frontiers in Plant Science</i> , 2013, 4, 457.	3.6	53
44	Surface properties of cholesterol-containing membranes detected by Prodan fluorescence. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2001, 1511, 330-340.	2.6	52
45	Energy-independent translocation of cell-penetrating peptides occurs without formation of pores. A biophysical study with pep-1. <i>Molecular Membrane Biology</i> , 2007, 24, 282-293.	2.0	49
46	Profilin binding to sub-micellar concentrations of phosphatidylinositol (4,5) bisphosphate and phosphatidylinositol (3,4,5) trisphosphate. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 439-449.	2.6	48
47	Lipid Lateral Organization on Giant Unilamellar Vesicles Containing Lipopolysaccharides. <i>Biophysical Journal</i> , 2011, 100, 978-986.	0.5	48
48	Lipid domains in model membranes: a brief historical perspective. <i>Essays in Biochemistry</i> , 2015, 57, 1-19.	4.7	46
49	Compositional and structural characterization of monolayers and bilayers composed of native pulmonary surfactant from wild type mice. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 2450-2459.	2.6	45
50	Preparing giant unilamellar vesicles (GUVs) of complex lipid mixtures on demand: Mixing small unilamellar vesicles of compositionally heterogeneous mixtures. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 3175-3180.	2.6	45
51	Interaction of Small Ligands with Human Serum Albumin Iiia Subdomain. How to Determine the Affinity Constant Using an Easy Steady State Fluorescent Method. <i>Journal of Pharmaceutical Sciences</i> , 1996, 85, 1131-1132.	3.3	44
52	Stable Vesicles Composed of Monocarboxylic or Dicarboxylic Fatty Acids and Trimethylammonium Amphiphiles. <i>Langmuir</i> , 2011, 27, 14078-14090.	3.5	42
53	Quantitative optical microscopy and micromanipulation studies on the lipid bilayer membranes of giant unilamellar vesicles. <i>Chemistry and Physics of Lipids</i> , 2014, 181, 99-120.	3.2	42
54	Physical properties and surface activity of surfactant-like membranes containing the cationic and hydrophobic peptide KL4. <i>FEBS Journal</i> , 2006, 273, 2515-2527.	4.7	41

#	ARTICLE	IF	CITATIONS
55	Second Harmonic Generation Microscopy: A Tool for Spatially and Temporally Resolved Studies of Heat Induced Structural Changes in Meat. <i>Food Biophysics</i> , 2010, 5, 1-8.	3.0	40
56	Evidence of a strong interaction of 2,4-dichlorophenoxyacetic acid herbicide with human serum albumin. <i>Life Sciences</i> , 1998, 63, 2343-2351.	4.3	37
57	LAURDAN Fluorescence Properties in Membranes: A Journey from the Fluorometer to the Microscope. <i>Springer Series on Fluorescence</i> , 2012, , 3-35.	0.8	36
58	Spatial distribution and activity of Na ⁺ /K ⁺ -ATPase in lipid bilayer membranes with phase boundaries. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1390-1399.	2.6	36
59	Direct Visualization of the Lateral Structure of Porcine Brain Cerebrosides/POPC Mixtures in Presence and Absence of Cholesterol. <i>Biophysical Journal</i> , 2009, 97, 142-154.	0.5	34
60	A model for the interaction of 6-lauroyl-2-(N,N-dimethylamino)naphthalene with lipid environments: implications for spectral properties. <i>Photochemistry and Photobiology</i> , 1999, 70, 557-64.	2.5	34
61	Thermotropic behavior and lateral distribution of very long chain sphingolipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1310-1320.	2.6	33
62	LIFE - AS A MATTER OF FAT. <i>The Frontiers Collection</i> , 2016, , .	0.2	33
63	Morphometric Image Analysis of Giant Vesicles: A New Tool for Quantitative Thermodynamics Studies of Phase Separation in Lipid Membranes. <i>Biophysical Journal</i> , 2012, 103, 2304-2310.	0.5	32
64	Tight Coupling of Metabolic Oscillations and Intracellular Water Dynamics in <i>Saccharomyces cerevisiae</i> . <i>PLoS ONE</i> , 2015, 10, e0117308.	2.5	32
65	Fluidizing effects of C-reactive protein on lung surfactant membranes: protective role of surfactant protein A. <i>FASEB Journal</i> , 2010, 24, 3662-3673.	0.5	31
66	Topographic analysis by atomic force microscopy of proteoliposomes matrix vesicle mimetics harboring TNAP and AnxA5. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1911-1920.	2.6	31
67	Storage Conditions of Skin Affect Tissue Structure and Subsequent in vitro Percutaneous Penetration. <i>Skin Pharmacology and Physiology</i> , 2011, 24, 93-102.	2.5	29
68	The acyl-CoA binding protein is required for normal epidermal barrier function in mice. <i>Journal of Lipid Research</i> , 2012, 53, 2162-2174.	4.2	29
69	Fluid domain patterns in free-standing membranes captured on a solid support. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 2503-2510.	2.6	29
70	High-Density Lipoprotein Aggregated by Oxidation Induces Degeneration of Neuronal Cells. <i>Journal of Neurochemistry</i> , 1997, 69, 2102-2114.	3.9	26
71	A 3D view on free-floating, space-fixed and surface-bound para-phenylene nanofibres. <i>Nanotechnology</i> , 2005, 16, 2396-2401.	2.6	26
72	Stratum corneum lipid organization as observed by atomic force, confocal and two-photon excitation fluorescence microscopy. <i>International Journal of Cosmetic Science</i> , 2008, 30, 391-411.	2.6	26

#	ARTICLE	IF	CITATIONS
73	Potential of ultraviolet wide-field imaging and multiphoton microscopy for analysis of dehydroergosterol in cellular membranes. <i>Microscopy Research and Technique</i> , 2011, 74, 92-108.	2.2	26
74	Sphingomyelinase D Activity in Model Membranes: Structural Effects of in situ Generation of Ceramide-1-Phosphate. <i>PLoS ONE</i> , 2012, 7, e36003.	2.5	25
75	Measuring molecular order for lipid membrane phase studies: Linear relationship between Laurdan generalized polarization and deuterium NMR order parameter. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 183053.	2.6	25
76	Electroformation of Giant Unilamellar Vesicles from Native Membranes and Organic Lipid Mixtures for the Study of Lipid Domains under Physiological Ionic-Strength Conditions. <i>Methods in Molecular Biology</i> , 2010, 606, 105-114.	0.9	25
77	Effect of Surfactant Protein A on the Physical Properties and Surface Activity of KL4-Surfactant. <i>Biophysical Journal</i> , 2007, 92, 482-492.	0.5	24
78	Elastin Organization in Pig and Cardiovascular Disease Patients' Pericardial Resistance Arteries. <i>Journal of Vascular Research</i> , 2015, 52, 1-11.	1.4	21
79	High-Density Lipoprotein from Hypercholesterolemic Animals Has Peroxidized Lipids and Oligomeric Apolipoprotein A-I: Its Putative Role in Atherogenesis. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 570-574.	2.1	20
80	The dynamics of intracellular water constrains glycolytic oscillations in <i>Saccharomyces cerevisiae</i> . <i>Scientific Reports</i> , 2017, 7, 16250.	3.3	20
81	Dengue and Zika virus capsid proteins bind to membranes and self-assemble into liquid droplets with nucleic acids. <i>Journal of Biological Chemistry</i> , 2021, 297, 101059.	3.4	20
82	Is a constant low-entropy process at the root of glycolytic oscillations?. <i>Journal of Biological Physics</i> , 2018, 44, 419-431.	1.5	19
83	Macroscopic domain formation during cooling in the platelet plasma membrane: An issue of low cholesterol content. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1229-1237.	2.6	18
84	Structural Characterization and Lipid Composition of Acquired Cholesteatoma. <i>Otology and Neurotology</i> , 2012, 33, 177-183.	1.3	18
85	Effects of seaweed sterols fucosterol and desmosterol on lipid membranes. <i>Chemistry and Physics of Lipids</i> , 2017, 205, 1-10.	3.2	17
86	Low PIP2 molar fractions induce nanometer size clustering in giant unilamellar vesicles. <i>Chemistry and Physics of Lipids</i> , 2014, 177, 51-63.	3.2	16
87	Endothelin-1 shifts the mediator of bradykinin-induced relaxation from NO to H_2O_2 in resistance arteries from patients with cardiovascular disease. <i>British Journal of Pharmacology</i> , 2016, 173, 1653-1664.	5.4	16
88	Effect of macromolecular crowding on the kinetics of glycolytic enzymes and the behaviour of glycolysis in yeast. <i>Integrative Biology (United Kingdom)</i> , 2018, 10, 587-597.	1.3	16
89	Lipids, membranes, colloids and cells: A long view. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183684.	2.6	16
90	Structural and dynamical aspects of skin studied by multiphoton excitation fluorescence microscopy-based methods. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 586-594.	4.0	14

#	ARTICLE	IF	CITATIONS
91	Imaging and modeling of acute pressure-induced changes of collagen and elastin microarchitectures in pig and human resistance arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H164-H178.	3.2	13
92	Fatty acid-indole fluorescent derivatives as probes to measure the polarity of interfaces containing gangliosides. <i>Chemistry and Physics of Lipids</i> , 1995, 78, 193-202.	3.2	12
93	Monitoring Membrane Hydration with 2-(Dimethylamino)-6-Acyl-naphthalenes Fluorescent Probes. <i>Sub-Cellular Biochemistry</i> , 2015, 71, 105-125.	2.4	12
94	Coupled Response of Membrane Hydration with Oscillating Metabolism in Live Cells: An Alternative Way to Modulate Structural Aspects of Biological Membranes?. <i>Biomolecules</i> , 2019, 9, 687.	4.0	12
95	Thermotropic Behavior of Lipid Mixtures Studied at the Level of Single Vesicles: Giant Unilamellar Vesicles and Two-Photon Excitation Fluorescence Microscopy. <i>Methods in Enzymology</i> , 2003, 367, 233-253.	1.0	11
96	A method for analysis of lipid vesicle domain structure from confocal image data. <i>European Biophysics Journal</i> , 2012, 41, 161-175.	2.2	11
97	Activation of dynamin II by POPC in giant unilamellar vesicles: a two-photon fluorescence microscopy study. <i>The Protein Journal</i> , 2002, 21, 383-391.	1.1	10
98	Glycolytic oscillations and intracellular K ⁺ concentration are strongly coupled in the yeast <i>Saccharomyces cerevisiae</i> . <i>Archives of Biochemistry and Biophysics</i> , 2020, 681, 108257.	3.0	10
99	Nanofibers made to order: free floating, transferred and gel-packed organic nanoaggregates. , 2005, , .		9
100	Microscopy imaging of membrane domains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1285.	2.6	9
101	Effect of detergents on the physicochemical properties of skin stratum corneum: a two-photon excitation fluorescence microscopy study. <i>International Journal of Cosmetic Science</i> , 2014, 36, 39-45.	2.6	8
102	Evidence of proteolipid domain formation in an inner mitochondrial membrane mimicking model. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 969-976.	2.4	8
103	Enzymatic studies on planar supported membranes using a widefield fluorescence LAURDAN Generalized Polarization imaging approach. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 888-895.	2.6	7
104	Cellular metabolism and colloids: Realistically linking physiology and biological physical chemistry. <i>Progress in Biophysics and Molecular Biology</i> , 2020, 162, 79-88.	2.9	7
105	Effects of seaweed sterols fucosterol And desmosterol on lipid membranes. <i>Biophysical Journal</i> , 2009, 96, 606a.	0.5	6
106	Biophysical Evaluation of Food Decontamination Effects on Tissue and Bacteria. <i>Food Biophysics</i> , 2011, 6, 170-182.	3.0	6
107	Bioactivity and action mechanism of green propolis against <i>Pythium aphanidermatum</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180598.	0.8	5
108	Inductive effects in amino acids and peptides: Ionization constants and tryptophan fluorescence. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100802.	1.3	5

#	ARTICLE	IF	CITATIONS
109	Impact of macromolecular crowding on the mesomorphic behavior of lipid self-assemblies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2021, 1863, 183728.	2.6	5
110	Membranes and Fluorescence Microscopy. <i>Reviews in Fluorescence</i> , 2009, , 33-51.	0.5	5
111	Chapter 1 Piercing Lipid Bilayers with Peptides. <i>Behavior Research Methods</i> , 2006, 5, 1-23.	4.0	4
112	Fluorescence Spectroscopy: Basic Foundations and Methods. <i>Advances in Delivery Science and Technology</i> , 2016, , 29-59.	0.4	3
113	The Use of 6-Acyl-2-(Dimethylamino)Naphthalenes as Relaxation Probes of Biological Environments. <i>Springer Series on Fluorescence</i> , 2016, , 197-216.	0.8	3
114	Direct visualization of the lateral structure of giant vesicles composed of pseudo-binary mixtures of sulfatide, asialo-GM1 and GM1 with POPC. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 544-555.	2.6	3
115	Lipid Domains In Giant Vesicles Composed Of Ternary Lipid Mixtures Containing Cholesterol And Their Relationship With Thermodynamic Phases. <i>Biophysical Journal</i> , 2009, 96, 161a.	0.5	2
116	Biophysical, Structural and Compositional characterization at the molecular level of Native Pulmonary Surfactant Membranes directly isolated from mice Wild-type and Knocked-out Protein D Bronco-alveolar Lavage Fluid. <i>Biophysical Journal</i> , 2009, 96, 451a.	0.5	2
117	The Lateral Structure of Lipid Membranes as Seen by Fluorescence Microscopy. , 2005, , 150-159.		1
118	Laurdan generalized polarization analysis as a tool in skin diagnostics. <i>Chemistry and Physics of Lipids</i> , 2008, 154, S21.	3.2	0
119	Implementation of Two Photon Excitation Fluorescence Microscopy Techniques in Langmuir Films. <i>Biophysical Journal</i> , 2009, 96, 149a.	0.5	0
120	Combining LAURDAN Generalized Polarization, Fluorescence Correlation Spectroscopy and Fluorescence Lifetime Imaging as a Tool in Skin Diagnostics. <i>Biophysical Journal</i> , 2009, 96, 295a.	0.5	0
121	Ceramide-Enriched Membrane Domains in Red Blood Cells and the Mechanism of Sphingomyelinase-Induced Hot-Cold Hemolysis. <i>Biophysical Journal</i> , 2009, 96, 448a.	0.5	0
122	Native pulmonary surfactant membranes show similar phase segregation in bilayers and monolayers, both qualitatively and quantitatively, as predicted by lipid composition analysis. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S31.	3.2	0
123	Native Pulmonary Surfactant Membranes in Mice Show Coexistence of Two Different Phases in Bilayers and Monolayers: When the Lipid Composition can Predict the Structural Phase Segregations. <i>Biophysical Journal</i> , 2010, 98, 287a.	0.5	0
124	Easy and Fast Preparation of Large and Giant Vesicles from Highly Confined Thin Lipid Films Deposited at the Air-Water Interface. <i>BioNanoScience</i> , 2018, 8, 207-217.	3.5	0
125	Storage Conditions of the Skin Affect Tissue Structure and In Vitro Percutaneous Penetration. , 2017, , 1191-1195.		0
126	Application of optical microscopy techniques on giant unilamellar vesicles. , 2019, , 265-281.		0

#	ARTICLE	IF	CITATIONS
127	Multiphoton-Excitation Fluorescence Microscopy and Membranes. , 2006, , 247-266.		0