Alicia Alonso

List of Publications by Year
in descending order

197 papers	10,547 citations	30070 54 h-index	39675 94 g-index
204 all docs	204 docs citations	204 times ranked	9118 citing authors

#	Article	IF	Citations
1	Plasma membrane effects of sphingolipid-synthesis inhibition by myriocin in CHO cells: a biophysical and lipidomic study. Scientific Reports, 2022, 12, 955.	3.3	1
2	Erythrocyte Membrane Nanomechanical Rigidity Is Decreased in Obese Patients. International Journal of Molecular Sciences, 2022, 23, 1920.	4.1	8
3	LC3 subfamily in cardiolipin-mediated mitophagy: a comparison of the LC3A, LC3B and LC3C homologs. Autophagy, 2022, 18, 2985-3003.	9.1	25
4	Cholesterol and ceramide: An unlikely pair. , 2022, , 111-126.		0
5	Autophagy protein LC3C binding to phospholipid and interaction with lipid membranes. International Journal of Biological Macromolecules, 2022, 212, 432-441.	7.5	3
6	Ceramide enhances binding of LC3/GABARAP autophagy proteins to cardiolipin-containing membranes. International Journal of Biological Macromolecules, 2022, 217, 748-760.	7.5	6
7	Phase-selective staining of model and cell membranes, lipid droplets and lipoproteins with fluorescent solvatochromic pyrene probes. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183470.	2.6	10
8	The interaction of AÎ²42 peptide in monomer, oligomer or fibril forms with sphingomyelin/cholesterol/ganglioside bilayers. International Journal of Biological Macromolecules, 2021, 168, 611-619.	7.5	12
9	CHO/LYâ€B cell growth under limiting sphingolipid supply: Correlation between lipid composition and biophysical properties of sphingolipidâ€restricted cell membranes. FASEB Journal, 2021, 35, e21657.	0.5	6
10	Lipid Self-Assemblies under the Atomic Force Microscope. International Journal of Molecular Sciences, 2021, 22, 10085.	4.1	5
11	Molecular and mesoscopic geometries in autophagosome generation. A review. Biochimica Et Biophysica Acta - Biomembranes, 2021, 1863, 183731.	2.6	7
12	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (edition	9.1	1,430
13	Î²-Amyloid (1â€"42) peptide adsorbs but does not insert into ganglioside-containing phospholipid membranes in the liquid-disordered state: modelling and experimental studies. International Journal of Biological Macromolecules, 2020, 164, 2651-2658.	7.5	7
14	Exploring polar headgroup interactions between sphingomyelin and ceramide with infrared spectroscopy. Scientific Reports, 2020, 10, 17606.	3.3	14
15	C24:0 and C24:1 sphingolipids in cholesterol-containing, five- and six-component lipid membranes. Scientific Reports, 2020, 10, 14085.	3.3	9
16	The Binding of AÎ²42 Peptide Monomers to Sphingomyelin/Cholesterol/Ganglioside Bilayers Assayed by Density Gradient Ultracentrifugation. International Journal of Molecular Sciences, 2020, 21, 1674.	4.1	9
17	Patches and Blebs: A Comparative Study of the Composition and Biophysical Properties of Two Plasma Membrane Preparations from CHO Cells. International Journal of Molecular Sciences, 2020, 21, 2643.	4.1	8
18	Fast and slow biomembrane solubilizing detergents: Insights into their mechanism of action. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110430.	5.0	14

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19	Lamellar Phases Composed of Phospholipid, Cholesterol, and Ceramide, as Studied by 2H NMR. Biophysical Journal, 2019, 117, 296-306.	0.5	9
20	Mixing brain cerebrosides with brain ceramides, cholesterol and phospholipids. Scientific Reports, 2019, 9, 13326.	3.3	9
21	Homogeneous and Heterogeneous Bilayers of Ternary Lipid Compositions Containing Equimolar Ceramide and Cholesterol. Langmuir, 2019, 35, 5305-5315.	3.5	14
22	Biophysical Studies of LC3 Family Proteins. Methods in Molecular Biology, 2019, 1880, 91-117.	0.9	2
23	The interaction of lipid-liganded gold clusters (Aurora â„¢) with lipid bilayers. Chemistry and Physics of Lipids, 2019, 218, 40-46.	3.2	5
24	The Physical Properties of Ceramides in Membranes. Annual Review of Biophysics, 2018, 47, 633-654.	10.0	107
25	Omega-3 polyunsaturated fatty acids do not fluidify bilayers in the liquid-crystalline state. Scientific Reports, 2018, 8, 16240.	3.3	17
26	The fatty acids of sphingomyelins and ceramides in mammalian tissues and cultured cells: Biophysical and physiological implications. Chemistry and Physics of Lipids, 2018, 217, 29-34.	3.2	26
27	Clearly Detectable, Kinetically Restricted Solidâ€"Solid Phase Transition in cis-Ceramide Monolayers. Langmuir, 2018, 34, 11749-11758.	3.5	6
28	Pb(II) Induces Scramblase Activation and Ceramide-Domain Generation in Red Blood Cells. Scientific Reports, 2018, 8, 7456.	3.3	26
29	Complex Effects of 24:1 Sphingolipids in Membranes Containing Dioleoylphosphatidylcholine and Cholesterol. Langmuir, 2017, 33, 5545-5554.	3.5	17
30	Does Ceramide Form Channels? The Ceramide-Induced Membrane Permeabilization Mechanism. Biophysical Journal, 2017, 113, 860-868.	0.5	24
31	Human ATG3 binding to lipid bilayers: role of lipid geometry, and electric charge. Scientific Reports, 2017, 7, 15614.	3.3	36
32	Vesicular PtdIns(3,4,5)P3 and Rab 7 are key effectors of zygote nuclear membrane fusion. Journal of Cell Science, 2016, 130, 444-452.	2.0	5
33	Cholesterol interactions with ceramide and sphingomyelin. Chemistry and Physics of Lipids, 2016, 199, 26-34.	3.2	92
34	Cholesterolâ€"Ceramide Interactions in Phospholipid and Sphingolipid Bilayers As Observed by Positron Annihilation Lifetime Spectroscopy and Molecular Dynamics Simulations. Langmuir, 2016, 32, 5434-5444.	3.5	17
35	Ceramide-Induced Lamellar Gel Phases in Fluid Cell Lipid Extracts. Langmuir, 2016, 32, 9053-9063.	3.5	20
36	Dihydroceramide accumulation mediates cytotoxic autophagy of cancer cells via autolysosome destabilization. Autophagy, 2016, 12, 2213-2229.	9.1	118

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37	Human Atg8-cardiolipin interactions in mitophagy: Specific properties of LC3B, GABARAPL2 and GABARAP. Autophagy, 2016, 12, 2386-2403.	9.1	67
38	Lipid Geometry and Bilayer Curvature Modulate LC3/GABARAP-Mediated Model Autophagosomal Elongation. Biophysical Journal, 2016, 110, 411-422.	0.5	54
39	Histones Cause Aggregation and Fusion of Lipid Vesicles Containing Phosphatidylinositol-4-Phosphate. Biophysical Journal, 2015, 108, 863-871.	0.5	7
40	Fluorescent Polyene Ceramide Analogues as Membrane Probes. Langmuir, 2015, 31, 2484-2492.	3.5	8
41	Endomembrane PtdIns(3,4,5)P3 activates the PI3K/Akt pathway. Journal of Cell Science, 2015, 128, 3456-65.	2.0	50
42	Solid lipid nanoparticles for delivery of Calendula officinalis extract. Colloids and Surfaces B: Biointerfaces, 2015, 135, 18-26.	5.0	46
43	End-Product Diacylglycerol Enhances the Activity of PI-PLC through Changes in Membrane Domain Structure. Biophysical Journal, 2015, 108, 1672-1682.	0.5	9
44	Sec14-nodulin proteins and the patterning of phosphoinositide landmarks for developmental control of membrane morphogenesis. Molecular Biology of the Cell, 2015, 26, 1764-1781.	2.1	44
45	Ceramide increases free volume voids in DPPC membranes. RSC Advances, 2015, 5, 44282-44290.	3.6	12
46	Atomic Force Microscopy Characterization of Palmitoylceramide and Cholesterol Effects on Phospholipid Bilayers: A Topographic and Nanomechanical Study. Langmuir, 2015, 31, 3135-3145.	3.5	34
47	Lipidic nanovesicles stabilize suspensions of metal oxide nanoparticles. Chemistry and Physics of Lipids, 2015, 191, 84-90.	3.2	15
48	Thermally-induced aggregation and fusion of protein-free lipid vesicles. Colloids and Surfaces B: Biointerfaces, 2015, 136, 545-552.	5.0	7
49	High-Melting Lipid Mixtures and the Origin of Detergent-Resistant Membranes Studied with Temperature-Solubilization Diagrams. Biophysical Journal, 2014, 107, 2828-2837.	0.5	11
50	Biophysical Properties of Novel 1-Deoxy-(Dihydro)ceramides Occurring in Mammalian Cells. Biophysical Journal, 2014, 107, 2850-2859.	0.5	42
51	Lipid bilayers containing sphingomyelins and ceramides of varying N-acyl lengths: A glimpse into sphingolipid complexity. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 456-464.	2.6	56
52	Biophysical properties of sphingosine, ceramides and other simple sphingolipids. Biochemical Society Transactions, 2014, 42, 1401-1408.	3.4	44
53	Membrane binding of human phospholipid scramblase 1 cytoplasmic domain. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1785-1792.	2.6	6
54	A Cholesterol Recognition Motif in Human Phospholipid Scramblase 1. Biophysical Journal, 2014, 107, 1383-1392.	0.5	24

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55	Histones and DNA Compete for Binding Polyphosphoinositides in Bilayers. Biophysical Journal, 2014, 106, 1092-1100.	0.5	7
56	Sphingosine induces the aggregation of imine-containing peroxidized vesicles. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 2071-2077.	2.6	9
57	Membrane binding and insertion of the predicted transmembrane domain of human scramblase 1. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 388-397.	2.6	12
58	Lamellar Gel (LÎ²) Phases of Ternary Lipid Composition Containing Ceramide and Cholesterol. Biophysical Journal, 2014, 106, 621-630.	0.5	41
59	Membrane Permeabilization Induced by Sphingosine: Effect of Negatively Charged Lipids. Biophysical Journal, 2014, 106, 2577-2584.	0.5	21
60	The onset of Triton X-100 solubilization of sphingomyelin/ceramide bilayers: effects of temperature and composition. Chemistry and Physics of Lipids, 2013, 167-168, 57-61.	3.2	5
61	Recruitment of a phospholipase C/sphingomyelinase into non-lamellar lipid droplets during hydrolysis of lipid bilayers. Chemistry and Physics of Lipids, 2013, 166, 12-17.	3.2	7
62	Detergent solubilization of lipid bilayers: a balance of driving forces. Trends in Biochemical Sciences, 2013, 38, 85-93.	7.5	116
63	Phospholipases C and sphingomyelinases: Lipids as substrates and modulators of enzyme activity. Progress in Lipid Research, 2012, 51, 238-266.	11.6	55
64	Accumulated Bending Energy Elicits Neutral Sphingomyelinase Activity inÂHuman Red Blood Cells. Biophysical Journal, 2012, 102, 2077-2085.	0.5	29
65	Lipid Bilayers in the Gel Phase Become Saturated by Triton X-100 at Lower Surfactant Concentrations Than Those in the Fluid Phase. Biophysical Journal, 2012, 102, 2510-2516.	0.5	29
66	In situ synthesis of fluorescent membrane lipids (ceramides) using click chemistry. Journal of Chemical Biology, 2012, 5, 119-123.	2.2	8
67	Dihydrosphingomyelin Impairs HIV-1 infection by Rigidifying Liquid-Ordered Membrane Domains. Biophysical Journal, 2011, 100, 634a.	0.5	1
68	Effects of bilayer composition and physical properties on the phospholipase C and sphingomyelinase activities of Clostridium perfringens Î±-toxin. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 279-286.	2.6	20
69	Unexpected wide substrate specificity of C. perfringens Î±-toxin phospholipase C. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2618-2627.	2.6	25
70	Multiple phospholipid substrates of phospholipase C/sphingomyelinase HR2 from Pseudomonas aeruginosa. Chemistry and Physics of Lipids, 2011, 164, 78-82.	3.2	18
71	Imaging the early stages of phospholipase C/sphingomyelinase activity on vesicles containing coexisting ordered-disordered and gel-fluid domains. Journal of Lipid Research, 2011, 52, 635-645.	4.2	13
72	Transbilayer (<i>flipâ€flop</i>) lipid motion and lipid scrambling in membranes. FEBS Letters, 2010, 584, 1779-1786.	2.8	224

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73	Dihydrosphingomyelin Impairs HIV-1 Infection by Rigidifying Liquid-Ordered Membrane Domains. Chemistry and Biology, 2010, 17, 766-775.	6.0	76
74	Detergent Effects on Membranes at Subsolubilizing Concentrations: Transmembrane Lipid Motion, Bilayer Permeabilization, and Vesicle Lysis/Reassembly Are Independent Phenomena. Langmuir, 2010, 26, 7307-7313.	3.5	61
75	Cholesterol Displaces Palmitoylceramide from Its Tight Packing with Palmitoylsphingomyelin in the Absence of a Liquid-Disordered Phase. Biophysical Journal, 2010, 99, 1119-1128.	0.5	41
76	End-products diacylglycerol and ceramide modulate membrane fusion induced by a phospholipase C/sphingomyelinase from Pseudomonas aeruginosa. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 59-64.	2.6	21
77	Quantitation of cholesterol incorporation into extruded lipid bilayers. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1735-1738.	2.6	20
78	Detergent Effects on Membranes at Sub-Solubilizing Concentrations: Transmembrane Lipid Motion, Bilayer Permeabilization and Vesicle Lysis/reassembly are Independent Phenomena. Biophysical Journal, 2010, 98, 626a.	0.5	1
79	Electroformation of Giant Unilamellar Vesicles from Native Membranes and Organic Lipid Mixtures for the Study of Lipid Domains under Physiological Ionic-Strength Conditions. Methods in Molecular Biology, 2010, 606, 105-114.	0.9	25
80	Phospholipase C and sphingomyelinase activities of the Clostridium perfringens Î±-toxin. Chemistry and Physics of Lipids, 2009, 159, 51-57.	3.2	24
81	Biophysical properties and membrane organization of ceramides, ceramide-1-phosphate and other simple sphingolipids. Chemistry and Physics of Lipids, 2009, 160, S2.	3.2	2
82	Effects of ceramide and other simple sphingolipids on membrane lateral structure. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 169-177.	2.6	180
83	Calcium inhibits diacylglycerol uptake by serum albumin. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 701-707.	2.6	3
84	Sphingosine-1-Phosphate as an Amphipathic Metabolite: Its Properties in Aqueous and Membrane Environments. Biophysical Journal, 2009, 97, 1398-1407.	0.5	30
85	Coexistence of Immiscible Mixtures of Palmitoylsphingomyelin and Palmitoylceramide in Monolayers and Bilayers. Biophysical Journal, 2009, 97, 2717-2726.	0.5	59
86	Ceramide-Induced Transbilayer (Flip-Flop) Lipid Movement in Membranes. Methods in Molecular Biology, 2009, 462, 1-11.	0.9	12
87	Combination of the anti-tumour cell ether lipid edelfosine with sterols abolishes haemolytic side effects of the drug. Journal of Chemical Biology, 2008, 1, 89-94.	2.2	32
88	Cholesterol displacement by ceramide in sphingomyelinâ€containing liquidâ€ordered domains, and generation of gel regions in giant lipidic vesicles. FEBS Letters, 2008, 582, 3230-3236.	2.8	96
89	Membrane Organization and Ionization Behavior of the Minor but Crucial Lipid Ceramide-1-Phosphate. Biophysical Journal, 2008, 94, 4320-4330.	0.5	41
90	Phase diagrams of lipid mixtures relevant to the study of membrane rafts. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2008, 1781, 665-684.	2.4	186

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91	Ceramide-Enriched Membrane Domains in Red Blood Cells and the Mechanism of Sphingomyelinase-Induced Hotâ˘Cold Hemolysis. Biochemistry, 2008, 47, 11222-11230.	2.5	55
92	Implication of ceramide, ceramide 1-phosphate and sphingosine 1-phosphate in tumorigenesis. Translational Oncogenomics, 2008, 3, 81-98.	1.7	25
93	Leakage-free membrane fusion induced by the hydrolytic activity of PlcHR2, a novel phospholipase C/sphingomyelinase from Pseudomonas aeruginosa. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2365-2372.	2.6	24
94	Surface-active properties of the antitumour ether lipid 1-O-octadecyl-2-O-methyl-rac-glycero-3-phosphocholine (edelfosine). Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 1855-1860.	2.6	28
95	Triton X-100 Partitioning into Sphingomyelin Bilayers at Subsolubilizing Detergent Concentrations: Effect of Lipid Phase and a Comparison with Dipalmitoylphosphatidylcholine. Biophysical Journal, 2007, 93, 3504-3514.	0.5	46
96	Giant Unilamellar Vesicles Electroformed from Native Membranes and Organic Lipid Mixtures under Physiological Conditions. Biophysical Journal, 2007, 93, 3548-3554.	0.5	208
97	Detergent-Resistant, Ceramide-Enriched Domains in Sphingomyelin/Ceramide Bilayers. Biophysical Journal, 2006, 90, 903-914.	0.5	141
98	Sphingosine Increases the Permeability of Model and Cell Membranes. Biophysical Journal, 2006, 90, 4085-4092.	0.5	65
99	Detergent solubilization of phosphatidylcholine bilayers in the fluid state: Influence of the acyl chain structure. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 190-196.	2.6	34
100	Biophysics of sphingolipids I. Membrane properties of sphingosine, ceramides and other simple sphingolipids. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 1902-1921.	2.6	245
101	Special issue on sphingolipids. Biochimica Et Biophysica Acta - Biomembranes, 2006, 1758, 1863.	2.6	2
102	Alkanes are not innocuous vehicles for hydrophobic reagents in membrane studies. Chemistry and Physics of Lipids, 2006, 139, 107-114.	3.2	10
103	In Vitro Techniques. , 2006, , 201-378.		2
104	Sphingomyelinases and Their Interaction with Membrane Lipids. , 2005, , 79-100.		0
105	Modulation of PI-Specific Phospholipase C by Membrane Curvature and Molecular Order. Biochemistry, 2005, 44, 11592-11600.	2.5	56
106	Domain Formation in Sphingomyelin/Cholesterol Mixed Membranes Studied by Spin-Label Electron Spin Resonance Spectroscopyâ€. Biochemistry, 2005, 44, 4911-4918.	2.5	81
107	Molecular associations and surface-active properties of short- and long-N-acyl chain ceramides. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1711, 12-19.	2.6	79
108	Phosphorylation of glycosyl-phosphatidylinositol by phosphatidylinositol 3-kinase changes its properties as a substrate for phospholipases. FEBS Letters, 2005, 579, 59-65.	2.8	7

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109	Asymmetric Addition of Ceramides but not Dihydroceramides Promotes Transbilayer (Flip-Flop) Lipid Motion in Membranes. Biophysical Journal, 2005, 88, 348-359.	0.5	100
110	Different Effects of Long- and Short-Chain Ceramides on the Gel-Fluid and Lamellar-Hexagonal Transitions of Phospholipids: A Calorimetric, NMR, and X-Ray Diffraction Study. Biophysical Journal, 2005, 88, 3368-3380.	0.5	102
111	Biophysics (and sociology) of ceramides.. Biochemical Society Symposia, 2005, 72, 177-188.	2.7	51
112	Cholesterol modulation of sphingomyelinase activity at physiological temperatures. Chemistry and Physics of Lipids, 2004, 130, 127-134.	3.2	35
113	Membrane Fusion Induced by the Catalytic Activity of a Phospholipase C/Sphingomyelinase fromListeria monocytogenesâ€. Biochemistry, 2004, 43, 3688-3695.	2.5	34
114	Sphingomyelinase Activity Causes Transbilayer Lipid Translocation in Model and Cell Membranes. Journal of Biological Chemistry, 2003, 278, 37169-37174.	3.4	107
115	Interaction of Phospholipases C and Sphingomyelinase with Liposomes. Methods in Enzymology, 2003, 372, 3-19.	1.0	18
116	Membrane Restructuring via Ceramide Results in Enhanced Solute Efflux. Journal of Biological Chemistry, 2002, 277, 11788-11794.	3.4	134
117	Triton X-100-Resistant Bilayers:Â Effect of Lipid Composition and Relevance to the Raft Phenomenon. Langmuir, 2002, 18, 2828-2835.	3.5	74
118	Lipid signalling: cellular events and their biophysical mechanisms. FEBS Letters, 2002, 531, 1-1.	2.8	2
119	Sphingomyelinases: enzymology and membrane activity. FEBS Letters, 2002, 531, 38-46.	2.8	312
120	Surfactant Effects of Chlorpromazine and Imipramine on Lipid Bilayers Containing Sphingomyelin and Cholesterol. Journal of Colloid and Interface Science, 2002, 256, 284-289.	9.4	23
121	Sphingomyelinase cleavage of sphingomyelin in pure and mixed lipid membranes. Influence of the physical state of the sphingolipid. Chemistry and Physics of Lipids, 2002, 114, 11-20.	3.2	60
122	Diacylglycerol effects on phosphatidylinositol-specific phospholipase C activity and vesicle fusion. FEBS Letters, 2001, 494, 117-120.	2.8	32
123	Purification and Characterization of Insulin-Mimetic Inositol Phosphoglycan-Like Molecules From Grass Pea (Lathyrus sativus) Seeds. Molecular Medicine, 2001, 7, 454-460.	4.4	13
124	The Channel-forming Protein Proaerolysin Remains a Dimer at Low Concentrations in Solution. Journal of Biological Chemistry, 2001, 276, 551-554.	3.4	17
125	Interaction of Cholesterol with Sphingomyelin in Mixed Membranes Containing Phosphatidylcholine, Studied by Spin-Label ESR and IR Spectroscopies. A Possible Stabilization of Gel-Phase Sphingolipid Domains by Cholesterol. Biochemistry, 2001, 40, 2614-2622.	2.5	146
126	Compartmentalization of ceramide signaling: physical foundations and biological effects. Journal of Cellular Physiology, 2000, 184, 285-300.	4.1	423

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127	Membrane Fusion Induced by Phospholipase C and Sphingomyelinases. Bioscience Reports, 2000, 20, 443-463.	2.4	58
128	Spectroscopic techniques in the study of membrane solubilization, reconstitution and permeabilization by detergents. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1508, 51-68.	2.6	74
129	Equilibrium and Kinetic Studies of the Solubilization of Phospholipidâ˘'Cholesterol Bilayers by C12E8. The Influence of the Lipid Phase Structure. Langmuir, 2000, 16, 1960-1968.	3.5	29
130	Leaky Vesicle Fusion Induced by Phosphatidylinositol-Specific Phospholipase C:Â Observation of Mixing of Vesicular Inner Monolayersâ€. Biochemistry, 2000, 39, 14012-14018.	2.5	56
131	Lipids Favoring Inverted Phase Enhance the Ability of Aerolysin To Permeabilize Liposome Bilayersâ€. Biochemistry, 2000, 39, 14019-14024.	2.5	53
132	Sphingolipids (Galactosylceramide and Sulfatide) in Lamellarâ˘'Hexagonal Phospholipid Phase Transitions and in Membrane Fusionâ€. Langmuir, 2000, 16, 8958-8963.	3.5	14
133	Mixed Membranes of Sphingolipids and Glycerolipids As Studied by Spin-Label ESR Spectroscopy. A Search for Domain Formation. Biochemistry, 2000, 39, 9876-9883.	2.5	33
134	Compartmentalization of ceramide signaling: physical foundations and biological effects. Journal of Cellular Physiology, 2000, 184, 285-300.	4.1	4
135	Effect of Sublytic Concentrations of Sodium Cholate on Phospholipase C Hydrolysis of Phospholipid Bilayers. Journal of Colloid and Interface Science, 1999, 219, 163-167.	9.4	1
136	Interfacial enzyme activation, non-lamellar phase formation and membrane fusion. Is there a conducting thread?. Faraday Discussions, 1999, 111, 55-68.	3.2	17
137	Structure and functional properties of diacylglycerols in membranes1This work is dedicated to Professor Vittorio Luzzati on occasion of his 75th birthday.1. Progress in Lipid Research, 1999, 38, 1-48.	11.6	222
138	Towards the in vitro reconstitution of caveolae. Asymmetric incorporation of glycosylphosphatidylinositol (GPI) and gangliosides into liposomal membranes. FEBS Letters, 1999, 457, 71-74.	2.8	16
139	Ceramides in Phospholipid Membranes: Effects on Bilayer Stability and Transition to Nonlamellar Phases. Biophysical Journal, 1999, 76, 342-350.	0.5	223
140	Liposomes Containing Sphingomyelin and Cholesterol: Detergent Solubilisation and Infrared Spectroscopic Studies. Journal of Liposome Research, 1999, 9, 247-260.	3.3	59
141	Detergent solubilisation of phospholipid bilayers in the gel state: the role of polar and hydrophobic forces. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1373, 112-118.	2.6	88
142	Phospholipase cleavage of glycosylphosphatidylinositol reconstituted in liposomal membranes. FEBS Letters, 1998, 432, 150-154.	2.8	13
143	Phospholipase C Hydrolysis of Phospholipids in Bilayers of Mixed Lipid Compositionsâ€. Biochemistry, 1998, 37, 11621-11628.	2.5	31
144	Effect of Single Chain Lipids on Phospholipase C-Promoted Vesicle Fusion. A Test for the Stalk Hypothesis of Membrane Fusion. Biochemistry, 1998, 37, 3901-3908.	2.5	62

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145	Vesicle Membrane Fusion Induced by the Concerted Activities of Sphingomyelinase and Phospholipase C. Journal of Biological Chemistry, 1998, 273, 22977-22982.	3.4	80
146	Morphological changes induced by phospholipase C and by sphingomyelinase on large unilamellar vesicles: a cryo-transmission electron microscopy study of liposome fusion. Biophysical Journal, 1997, 72, 2630-2637.	0.5	100
147	Poly(ethylene glycol)-lipid conjugates inhibit phospholipase C-induced lipid hydrolysis, liposome aggregation and fusion through independent mechanisms. FEBS Letters, 1997, 411, 281-286.	2.8	33
148	Diacylglycerol and the promotion of lamellar-hexagonal and lamellar-isotropic phase transitions in lipids: implications for membrane fusion. Biophysical Journal, 1996, 70, 2299-2306.	0.5	78
149	Origin of the Lag Period in the Phospholipase C Cleavage of Phospholipids in Membranes. Concomitant Vesicle Aggregation and Enzyme Activationâ€. Biochemistry, 1996, 35, 15183-15187.	2.5	74
150	Dual Inhibitory Effect of Gangliosides on Phospholipase C-Promoted Fusion of Lipidic Vesiclesâ€. Biochemistry, 1996, 35, 7506-7513.	2.5	44
151	Palmitoylcarnitine, a surface-active metabolite. FEBS Letters, 1996, 390, 1-5.	2.8	55
152	Effect of long-chain acyl-CoAs and acylcarnitines on gel-fluid and lamellar-hexagonal phospholipid phase transitions. Molecular Membrane Biology, 1996, 13, 165-172.	2.0	10
153	Different Effects of Enzyme-generated Ceramides and Diacylglycerols in Phospholipid Membrane Fusion and Leakage. Journal of Biological Chemistry, 1996, 271, 26616-26621.	3.4	143
154	Inhibition by Gangliosides of Bacillus cereus Phospholipase C Activity Against Monolayers, Micelles and Bilayer Vesicles. FEBS Journal, 1996, 239, 105-110.	0.2	32
155	Solubilization of Phospholipid Bilayers by Surfactants Belonging to the Triton X Series: Effect of Polar Group Size. Journal of Colloid and Interface Science, 1996, 178, 156-159.	9.4	80
156	An Infrared Investigation of Palmitoyl-Coenzyme A and Palmitoylcarnitine Interaction with Perdeuterated-Chain Phospholipid Bilayers. FEBS Journal, 1995, 231, 199-203.	0.2	22
157	Liposome aggregation induced by poly(ethylene glycol). Rapid kinetic studies. Colloids and Surfaces B: Biointerfaces, 1995, 3, 263-270.	5.0	18
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