

# Felix M Goni

## List of Publications by Citations

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312  
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14,539  
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L-index

#	Paper	IF	Citations
312	Quantitative studies of the structure of proteins in solution by Fourier-transform infrared spectroscopy. <i>Progress in Biophysics and Molecular Biology</i> , <b>1993</b> , 59, 23-56	4.7	664
311	Detergent-resistant membranes should not be identified with membrane rafts. <i>Trends in Biochemical Sciences</i> , <b>2005</b> , 30, 430-6	10.3	414
310	Compartmentalization of ceramide signaling: physical foundations and biological effects. <i>Journal of Cellular Physiology</i> , <b>2000</b> , 184, 285-300	7	376
309	Structure and dynamics of membrane proteins as studied by infrared spectroscopy. <i>Progress in Biophysics and Molecular Biology</i> , <b>1999</b> , 72, 367-405	4.7	339
308	Role of sphingomyelinase and ceramide in modulating rafts: do biophysical properties determine biologic outcome?. <i>FEBS Letters</i> , <b>2002</b> , 531, 47-53	3.8	284
307	Sphingomyelinases: enzymology and membrane activity. <i>FEBS Letters</i> , <b>2002</b> , 531, 38-46	3.8	273
306	Membranes: a meeting point for lipids, proteins and therapies. <i>Journal of Cellular and Molecular Medicine</i> , <b>2008</b> , 12, 829-75	5.6	269
305	Biophysics of sphingolipids I. Membrane properties of sphingosine, ceramides and other simple sphingolipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2006</b> , 1758, 1902-21	3.8	214
304	The basic structure and dynamics of cell membranes: an update of the Singer-Nicolson model. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 1467-76	3.8	207
303	Ceramides in phospholipid membranes: effects on bilayer stability and transition to nonlamellar phases. <i>Biophysical Journal</i> , <b>1999</b> , 76, 342-50	2.9	205
302	Interaction of the HIV-1 fusion peptide with phospholipid vesicles: different structural requirements for fusion and leakage. <i>Biochemistry</i> , <b>1994</b> , 33, 3201-9	3.2	195
301	Giant unilamellar vesicles electroformed from native membranes and organic lipid mixtures under physiological conditions. <i>Biophysical Journal</i> , <b>2007</b> , 93, 3548-54	2.9	190
300	Structure and functional properties of diacylglycerols in membranes. <i>Progress in Lipid Research</i> , <b>1999</b> , 38, 1-48	14.3	189
299	Transbilayer (flip-flop) lipid motion and lipid scrambling in membranes. <i>FEBS Letters</i> , <b>2010</b> , 584, 1779-86	3.8	182
298	Sphingolipids and cell death. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2007</b> , 12, 923-39	5.4	176
297	Phase diagrams of lipid mixtures relevant to the study of membrane rafts. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2008</b> , 1781, 665-84	5	165
296	Effects of ceramide and other simple sphingolipids on membrane lateral structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2009</b> , 1788, 169-77	3.8	163

295	Membrane interface-interacting sequences within the ectodomain of the human immunodeficiency virus type 1 envelope glycoprotein: putative role during viral fusion. <i>Journal of Virology</i> , <b>2000</b> , 74, 8038-47	6.6	158
294	Lipid-protein interactions in GPCR-associated signaling. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2007</b> , 1768, 836-52	3.8	138
293	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. <i>Biochemistry</i> , <b>2001</b> , 40, 2614-22	3.2	137
292	Liposome fusion catalytically induced by phospholipase C. <i>Biochemistry</i> , <b>1989</b> , 28, 7364-7	3.2	134
291	Permeabilization and fusion of uncharged lipid vesicles induced by the HIV-1 fusion peptide adopting an extended conformation: dose and sequence effects. <i>Biophysical Journal</i> , <b>1997</b> , 73, 1977-86	2.9	133
290	Detergent-resistant, ceramide-enriched domains in sphingomyelin/ceramide bilayers. <i>Biophysical Journal</i> , <b>2006</b> , 90, 903-14	2.9	130
289	Different effects of enzyme-generated ceramides and diacylglycerols in phospholipid membrane fusion and leakage. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 26616-21	5.4	129
288	The mechanism of detergent solubilization of lipid bilayers. <i>Biophysical Journal</i> , <b>2013</b> , 105, 289-99	2.9	128
287	Structure and thermal denaturation of crystalline and noncrystalline cytochrome oxidase as studied by infrared spectroscopy. <i>Biochemistry</i> , <b>1994</b> , 33, 11650-5	3.2	125
286	Membrane restructuring via ceramide results in enhanced solute efflux. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 11788-94	5.4	114
285	Surfactant-induced release of liposomal contents. A survey of methods and results. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1988</b> , 937, 127-34	3.8	105
284	Infrared studies of protein-induced perturbation of lipids in lipoproteins and membranes. <i>Chemistry and Physics of Lipids</i> , <b>1998</b> , 96, 53-68	3.7	102
283	Sphingomyelinase activity causes transbilayer lipid translocation in model and cell membranes. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 37169-74	5.4	100
282	Surfactant-induced cell toxicity and cell lysis. A study using B16 melanoma cells. <i>Biochemical Pharmacology</i> , <b>1990</b> , 40, 1323-8	6	98
281	Morphological changes induced by phospholipase C and by sphingomyelinase on large unilamellar vesicles: a cryo-transmission electron microscopy study of liposome fusion. <i>Biophysical Journal</i> , <b>1997</b> , 72, 2630-7	2.9	94
280	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. <i>Biophysical Journal</i> , <b>2005</b> , 88, 3368-80	2.9	92
279	Asymmetric addition of ceramides but not dihydroceramides promotes transbilayer (flip-flop) lipid motion in membranes. <i>Biophysical Journal</i> , <b>2005</b> , 88, 348-59	2.9	90
278	The interaction of phosphatidylcholine bilayers with Triton X-100. <i>FEBS Journal</i> , <b>1986</b> , 160, 659-65		90

277	Protein-lipid interaction. Biophysical studies of (Ca <sup>2+</sup> + Mg <sup>2+</sup> )-ATPase reconstituted systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1980</b> , 598, 502-16	3.8	88
276	Detergent solubilization of lipid bilayers: a balance of driving forces. <i>Trends in Biochemical Sciences</i> , <b>2013</b> , 38, 85-93	10.3	87
275	Cholesterol displacement by ceramide in sphingomyelin-containing liquid-ordered domains, and generation of gel regions in giant lipidic vesicles. <i>FEBS Letters</i> , <b>2008</b> , 582, 3230-6	3.8	87
274	Dihydroceramide accumulation mediates cytotoxic autophagy of cancer cells via autolysosome destabilization. <i>Autophagy</i> , <b>2016</b> , 12, 2213-2229	10.2	85
273	Characterization of ATP and DNA binding activities of TrwB, the coupling protein essential in plasmid R388 conjugation. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 36117-24	5.4	83
272	TrwD, a protein encoded by the IncW plasmid R388, displays an ATP hydrolase activity essential for bacterial conjugation. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 25583-90	5.4	81
271	The pre-transmembrane region of the human immunodeficiency virus type-1 glycoprotein: a novel fusogenic sequence. <i>FEBS Letters</i> , <b>2000</b> , 477, 145-9	3.8	81
270	Detergent solubilisation of phospholipid bilayers in the gel state: the role of polar and hydrophobic forces. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1998</b> , 1373, 112-8	3.8	80
269	Thermodynamic and structural stability of cytochrome c oxidase from <i>Paracoccus denitrificans</i> . <i>Biochemistry</i> , <b>1994</b> , 33, 9731-40	3.2	80
268	Topological properties of two cubic phases of a phospholipid:cholesterol:diacylglycerol aqueous system and their possible implications in the phospholipase C-induced liposome fusion. <i>FEBS Letters</i> , <b>1995</b> , 368, 143-7	3.8	79
267	Release of lipid vesicle contents by the bacterial protein toxin alpha-haemolysin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1993</b> , 1147, 81-8	3.8	77
266	Solubilization of Phospholipid Bilayers by Surfactants Belonging to the Triton X Series: Effect of Polar Group Size. <i>Journal of Colloid and Interface Science</i> , <b>1996</b> , 178, 156-159	9.3	75
265	Lysis and reassembly of sonicated lecithin vesicles in the presence of Triton X-100. <i>FEBS Letters</i> , <b>1981</b> , 123, 200-4	3.8	75
264	Domain formation in sphingomyelin/cholesterol mixed membranes studied by spin-label electron spin resonance spectroscopy. <i>Biochemistry</i> , <b>2005</b> , 44, 4911-8	3.2	74
263	Molecular associations and surface-active properties of short- and long-N-acyl chain ceramides. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2005</b> , 1711, 12-9	3.8	71
262	Diacylglycerol and the promotion of lamellar-hexagonal and lamellar-isotropic phase transitions in lipids: implications for membrane fusion. <i>Biophysical Journal</i> , <b>1996</b> , 70, 2299-306	2.9	71
261	Vesicle membrane fusion induced by the concerted activities of sphingomyelinase and phospholipase C. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 22977-82	5.4	70
260	Triton X-100-Resistant Bilayers: Effect of Lipid Composition and Relevance to the Raft Phenomenon. <i>Langmuir</i> , <b>2002</b> , 18, 2828-2835	4	69

259	Origin of the lag period in the phospholipase C cleavage of phospholipids in membranes. Concomitant vesicle aggregation and enzyme activation. <i>Biochemistry</i> , <b>1996</b> , 35, 15183-7	3.2	67
258	Cholesterol interactions with ceramide and sphingomyelin. <i>Chemistry and Physics of Lipids</i> , <b>2016</b> , 199, 26-34	3.7	66
257	Glycophorin as a receptor for Escherichia coli alpha-hemolysin in erythrocytes. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 12513-9	5.4	65
256	Spectroscopic techniques in the study of membrane solubilization, reconstitution and permeabilization by detergents. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2000</b> , 1508, 51-68	3.8	65
255	Differential effects of five types of antipathogenic plant peptides on model membranes. <i>FEBS Letters</i> , <b>1997</b> , 410, 338-42	3.8	64
254	Liposome destabilization induced by the HIV-1 fusion peptide effect of a single amino acid substitution. <i>FEBS Letters</i> , <b>1995</b> , 362, 243-6	3.8	64
253	The Physical Properties of Ceramides in Membranes. <i>Annual Review of Biophysics</i> , <b>2018</b> , 47, 633-654	21.1	63
252	Dihydrosphingomyelin impairs HIV-1 infection by rigidifying liquid-ordered membrane domains. <i>Chemistry and Biology</i> , <b>2010</b> , 17, 766-75		59
251	Increase in size of sonicated phospholipid vesicles in the presence of detergents. <i>Journal of Membrane Biology</i> , <b>1982</b> , 67, 55-62	2.3	59
250	Membrane restructuring by Bordetella pertussis adenylate cyclase toxin, a member of the RTX toxin family. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 3760-5	3.5	58
249	Effect of single chain lipids on phospholipase C-promoted vesicle fusion. A test for the stalk hypothesis of membrane fusion. <i>Biochemistry</i> , <b>1998</b> , 37, 3901-8	3.2	58
248	Reversible adsorption and nonreversible insertion of Escherichia coli alpha-hemolysin into lipid bilayers. <i>Biophysical Journal</i> , <b>1996</b> , 71, 1869-76	2.9	58
247	Membrane fusion induced by phospholipase C and sphingomyelinases. <i>Bioscience Reports</i> , <b>2000</b> , 20, 443-63	4.3	57
246	Liposomes Containing Sphingomyelin and Cholesterol: Detergent Solubilisation and Infrared Spectroscopic Studies. <i>Journal of Liposome Research</i> , <b>1999</b> , 9, 247-260	6.1	57
245	Effective detergent/lipid ratios in the solubilization of phosphatidylcholine vesicles by Triton X-100. <i>FEBS Letters</i> , <b>1992</b> , 302, 138-40	3.8	57
244	A study of phospholipid phosphate groups in model membranes by Fourier transform infrared spectroscopy. <i>Faraday Discussions of the Chemical Society</i> , <b>1986</b> , 117-26		57
243	Sphingomyelin organization is required for vesicle biogenesis at the Golgi complex. <i>EMBO Journal</i> , <b>2012</b> , 31, 4535-46	13	56
242	Sphingomyelinase cleavage of sphingomyelin in pure and mixed lipid membranes. Influence of the physical state of the sphingolipid. <i>Chemistry and Physics of Lipids</i> , <b>2002</b> , 114, 11-20	3.7	56

241	Coexistence of immiscible mixtures of palmitoylsphingomyelin and palmitoylceramide in monolayers and bilayers. <i>Biophysical Journal</i> , <b>2009</b> , 97, 2717-26	2.9	55
240	Purification and properties of TrwB, a hexameric, ATP-binding integral membrane protein essential for R388 plasmid conjugation. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 46456-62	5.4	55
239	Protein-lipid interactions. A study of (Ca <sup>2+</sup> -Mg <sup>2+</sup> )ATPase reconstituted with synthetic phospholipids. <i>FEBS Letters</i> , <b>1979</b> , 98, 224-8	3.8	55
238	Sphingosine increases the permeability of model and cell membranes. <i>Biophysical Journal</i> , <b>2006</b> , 90, 4085-92	5.4	54
237	Binding of $\beta$ -amyloid (1-42) peptide to negatively charged phospholipid membranes in the liquid-ordered state: modeling and experimental studies. <i>Biophysical Journal</i> , <b>2012</b> , 103, 453-463	2.9	53
236	Detergent effects on membranes at subsolubilizing concentrations: transmembrane lipid motion, bilayer permeabilization, and vesicle lysis/reassembly are independent phenomena. <i>Langmuir</i> , <b>2010</b> , 26, 7307-13	4	52
235	Insertion of Escherichia coli alpha-haemolysin in lipid bilayers as a non-transmembrane integral protein: prediction and experiment. <i>Molecular Microbiology</i> , <b>1999</b> , 31, 1013-24	4.1	52
234	The calcium-binding C-terminal domain of Escherichia coli alpha-hemolysin is a major determinant in the surface-active properties of the protein. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 11827-35	5.4	51
233	Phospholipase C-promoted membrane fusion. Retroinhibition by the end-product diacylglycerol. <i>Biochemistry</i> , <b>1993</b> , 32, 1054-8	3.2	51
232	Ceramide-enriched membrane domains in red blood cells and the mechanism of sphingomyelinase-induced hot-cold hemolysis. <i>Biochemistry</i> , <b>2008</b> , 47, 11222-30	3.2	50
231	Modulation of PI-specific phospholipase C by membrane curvature and molecular order. <i>Biochemistry</i> , <b>2005</b> , 44, 11592-600	3.2	50
230	Human Atg8-cardiolipin interactions in mitophagy: Specific properties of LC3B, GABARAPL2 and GABARAP. <i>Autophagy</i> , <b>2016</b> , 12, 2386-2403	10.2	49
229	Leaky vesicle fusion induced by phosphatidylinositol-specific phospholipase C: observation of mixing of vesicular inner monolayers. <i>Biochemistry</i> , <b>2000</b> , 39, 14012-8	3.2	49
228	Lipid bilayers containing sphingomyelins and ceramides of varying N-acyl lengths: a glimpse into sphingolipid complexity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 456-64	3.8	48
227	Palmitoylcarnitine, a surface-active metabolite. <i>FEBS Letters</i> , <b>1996</b> , 390, 1-5	3.8	48
226	Lipids favoring inverted phase enhance the ability of aerolysin to permeabilize liposome bilayers. <i>Biochemistry</i> , <b>2000</b> , 39, 14019-24	3.2	46
225	Model systems of precursor cellular membranes: long-chain alcohols stabilize spontaneously formed oleic acid vesicles. <i>Biophysical Journal</i> , <b>2012</b> , 102, 278-86	2.9	45
224	An infrared spectroscopic study of $\beta$ -galactosidase structure in aqueous solutions. <i>FEBS Letters</i> , <b>1989</b> , 252, 118-120	3.8	45

223	Kinetic studies on the interaction of phosphatidylcholine liposomes with Triton X-100. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1987</b> , 902, 237-46	3.8	45
222	Alpha-haemolysin from E. coli. Purification and self-aggregation properties. <i>FEBS Letters</i> , <b>1991</b> , 280, 195-88	3.8	44
221	Calcium-dependent conformation of E. coli alpha-haemolysin. Implications for the mechanism of membrane insertion and lysis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1998</b> , 1368, 225-34	3.8	43
220	A pathway for the thermal destabilization of bacteriorhodopsin. <i>FEBS Letters</i> , <b>1995</b> , 367, 297-300	3.8	43
219	"Rafts": A nickname for putative transient nanodomains. <i>Chemistry and Physics of Lipids</i> , <b>2019</b> , 218, 34-39	3.7	43
218	Triton X-100 partitioning into sphingomyelin bilayers at subsolubilizing detergent concentrations: effect of lipid phase and a comparison with dipalmitoylphosphatidylcholine. <i>Biophysical Journal</i> , <b>2007</b> , 93, 3504-14	2.9	42
217	Phospholipases C and sphingomyelinases: Lipids as substrates and modulators of enzyme activity. <i>Progress in Lipid Research</i> , <b>2012</b> , 51, 238-66	14.3	41
216	A Trp-BODIPY cyclic peptide for fluorescence labelling of apoptotic bodies. <i>Chemical Communications</i> , <b>2017</b> , 53, 945-948	5.8	40
215	A receptor-binding region in Escherichia coli alpha-haemolysin. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 19159-63	5.4	40
214	The membrane-perturbing properties of palmitoyl-coenzyme A and palmitoylcarnitine. A comparative study. <i>Biochemistry</i> , <b>1995</b> , 34, 10400-5	3.2	40
213	Dual inhibitory effect of gangliosides on phospholipase C-promoted fusion of lipidic vesicles. <i>Biochemistry</i> , <b>1996</b> , 35, 7506-13	3.2	40
212	Time-resolved and equilibrium measurements of the effects of poly(ethylene glycol) on small unilamellar phospholipid vesicles. <i>Biochemistry</i> , <b>1993</b> , 32, 3708-13	3.2	39
211	Lamellar gel (L <sub>β</sub> ) phases of ternary lipid composition containing ceramide and cholesterol. <i>Biophysical Journal</i> , <b>2014</b> , 106, 621-30	2.9	38
210	Fluorescence quenching at interfaces and the permeation of acrylamide and iodide across phospholipid bilayers. <i>FEBS Letters</i> , <b>1993</b> , 330, 129-32	3.8	38
209	Membrane lipid modifications and therapeutic effects mediated by hydroxydocosahexaenoic acid on Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2014</b> , 1838, 1680-92	3.8	37
208	Multiple stages of detergent-erythrocyte membrane interaction--a spin label study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2011</b> , 1808, 164-70	3.8	37
207	Membrane organization and ionization behavior of the minor but crucial lipid ceramide-1-phosphate. <i>Biophysical Journal</i> , <b>2008</b> , 94, 4320-30	2.9	37
206	Non-permanent proteins in membranes: when proteins come as visitors (Review). <i>Molecular Membrane Biology</i> , <b>2002</b> , 19, 237-45	3.4	37

205	An assessment of the biochemical applications of the non-ionic surfactant Hecameg. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1994</b> , 1193, 301-6	3.8	37
204	Lipid Geometry and Bilayer Curvature Modulate LC3/GABARAP-Mediated Model Autophagosomal Elongation. <i>Biophysical Journal</i> , <b>2016</b> , 110, 411-422	2.9	36
203	Cholesterol displaces palmitoylceramide from its tight packing with palmitoylsphingomyelin in the absence of a liquid-disordered phase. <i>Biophysical Journal</i> , <b>2010</b> , 99, 1119-28	2.9	36
202	Infrared evidence of a beta-hairpin peptide structure in solution. <i>FEBS Letters</i> , <b>1996</b> , 384, 35-7	3.8	36
201	Solid lipid nanoparticles for delivery of Calendula officinalis extract. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2015</b> , 135, 18-26	6	34
200	Biophysical properties of sphingosine, ceramides and other simple sphingolipids. <i>Biochemical Society Transactions</i> , <b>2014</b> , 42, 1401-8	5.1	34
199	N-nervonoylsphingomyelin (C24:1) prevents lateral heterogeneity in cholesterol-containing membranes. <i>Biophysical Journal</i> , <b>2014</b> , 106, 2606-16	2.9	34
198	Reversible denaturation, self-aggregation, and membrane activity of Escherichia coli alpha-hemolysin, a protein stable in 6 M urea. <i>Biochemistry</i> , <b>1998</b> , 37, 6387-93	3.2	34
197	Protein-lipid interactions and differential scanning calorimetric studies of bacteriorhodopsin reconstituted lipid-water systems. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1982</b> , 689, 283-289	3.8	34
196	Biophysics (and sociology) of ceramides. <i>Biochemical Society Symposia</i> , <b>2005</b> , 177-88		34
195	Biophysical properties of novel 1-deoxy-(dihydro)ceramides occurring in mammalian cells. <i>Biophysical Journal</i> , <b>2014</b> , 107, 2850-2859	2.9	33
194	Membrane fusion induced by the catalytic activity of a phospholipase C/sphingomyelinase from <i>Listeria monocytogenes</i> . <i>Biochemistry</i> , <b>2004</b> , 43, 3688-95	3.2	33
193	Interactions of the HIV-1 fusion peptide with large unilamellar vesicles and monolayers. A cryo-TEM and spectroscopic study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2000</b> , 1467, 153-64	3.8	33
192	Structural changes induced by Triton X-100 on sonicated phosphatidylcholine liposomes. <i>FEBS Journal</i> , <b>1988</b> , 173, 585-8		33
191	Mixed membranes of sphingolipids and glycerolipids as studied by spin-label ESR spectroscopy. A search for domain formation. <i>Biochemistry</i> , <b>2000</b> , 39, 9876-83	3.2	31
190	Atomic force microscopy characterization of palmitoylceramide and cholesterol effects on phospholipid bilayers: a topographic and nanomechanical study. <i>Langmuir</i> , <b>2015</b> , 31, 3135-45	4	30
189	Membrane fusion induced by the HIV type 1 fusion peptide: modulation by factors affecting glycoprotein 41 activity and potential anti-HIV compounds. <i>AIDS Research and Human Retroviruses</i> , <b>1997</b> , 13, 1203-11	1.6	30
188	Purification of Escherichia coli pro-haemolysin, and a comparison with the properties of mature alpha-haemolysin. <i>FEBS Journal</i> , <b>1996</b> , 238, 418-22		30



187	Combination of the anti-tumour cell ether lipid edelfosine with sterols abolishes haemolytic side effects of the drug. <i>Journal of Chemical Biology</i> , <b>2008</b> , 1, 89-94		29
186	Equilibrium and Kinetic Studies of the Solubilization of Phospholipid-Cholesterol Bilayers by C12E8. The Influence of the Lipid Phase Structure. <i>Langmuir</i> , <b>2000</b> , 16, 1960-1968	4	29
185	Diacylglycerol effects on phosphatidylinositol-specific phospholipase C activity and vesicle fusion. <i>FEBS Letters</i> , <b>2001</b> , 494, 117-20	3.8	29
184	Phospholipase C hydrolysis of phospholipids in bilayers of mixed lipid compositions. <i>Biochemistry</i> , <b>1998</b> , 37, 11621-8	3.2	29
183	Interbilayer lipid mixing induced by the human immunodeficiency virus type-1 fusion peptide on large unilamellar vesicles: the nature of the nonlamellar intermediates. <i>Chemistry and Physics of Lipids</i> , <b>1999</b> , 103, 11-20	3.7	29
182	Differential penetration of fatty acyl-coenzyme A and fatty acylcarnitines into phospholipid monolayers. <i>FEBS Letters</i> , <b>1995</b> , 357, 75-8	3.8	29
181	Inhibition by gangliosides of Bacillus cereus phospholipase C activity against monolayers, micelles and bilayer vesicles. <i>FEBS Journal</i> , <b>1996</b> , 239, 105-10		29
180	The components of merocyanine-540 absorption spectra in aqueous, micellar and bilayer environments. <i>FEBS Journal</i> , <b>1992</b> , 207, 1085-91		29
179	Infrared spectroscopic studies of detergent-solubilized uncoupling protein from brown-adipose-tissue mitochondria. <i>FEBS Journal</i> , <b>1990</b> , 188, 83-9		29
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