

# Juan Carmelo Gomez-Fernandez

## List of Publications by Year in descending order

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212  
papers

6,687  
citations

53660

45  
h-index

88477

70  
g-index

214  
all docs

214  
docs citations

214  
times ranked

4854  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comparison of the location in membranes of curcumin and curcumin-derived bivalent compounds with potential neuroprotective capacity for Alzheimer's disease. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111525.	2.5	12
2	Diethylstilbestrol Modifies the Structure of Model Membranes and Is Localized Close to the First Carbons of the Fatty Acyl Chains. <i>Biomolecules</i> , 2021, 11, 220.	1.8	3
3	Greetings from IUPAB Secretary General. <i>Biophysical Reviews</i> , 2021, 13, 11-12.	1.5	2
4	The binding of different model membranes with PKC's C2 domain is not dependent on membrane curvature but affects the sequence of events during unfolding. <i>Archives of Biochemistry and Biophysics</i> , 2021, 705, 108910.	1.4	2
5	PKC controls the fusion of secretory vesicles in mast cells in a phosphatidic acid-dependent mode. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 377-389.	3.6	2
6	Clotrimazole Fluidizes Phospholipid Membranes and Localizes at the Hydrophobic Part near the Polar Part of the Membrane. <i>Biomolecules</i> , 2021, 11, 1304.	1.8	2
7	Oleuropein multicompartiment nanovesicles enriched with collagen as a natural strategy for the treatment of skin wounds connected with oxidative stress. <i>Nanomedicine</i> , 2021, 16, 2363-2376.	1.7	11
8	The Interaction with Different Membranes of the C2 Domain of PKC-Epsilon. <i>Biophysical Journal</i> , 2020, 118, 243a.	0.2	1
9	Interaction of Vitamin K <sub>1</sub> and Vitamin K <sub>2</sub> with Dimyristoylphosphatidylcholine and Their Location in the Membrane. <i>Langmuir</i> , 2020, 36, 1062-1073.	1.6	7
10	Plan S for publishing science in an open access way: not everyone is likely to be happy. <i>Biophysical Reviews</i> , 2019, 11, 841-842.	1.5	5
11	Liposome-Encapsulated Morphine Affords a Prolonged Analgesia While Facilitating Extinction of Reward and Aversive Memories. <i>Frontiers in Pharmacology</i> , 2019, 10, 1082.	1.6	9
12	Optimization of Innovative Three-Dimensionally-Structured Hybrid Vesicles to Improve the Cutaneous Delivery of Clotrimazole for the Treatment of Topical Candidiasis. <i>Pharmaceutics</i> , 2019, 11, 263.	2.0	16
13	Phenolic Group of $\alpha$ -Tocopherol Anchors at the Lipid-Water Interface of Fully Saturated Membranes. <i>Langmuir</i> , 2018, 34, 3336-3348.	1.6	14
14	Insights into the Impact of a Membrane-Anchoring Moiety on the Biological Activities of Bivalent Compounds As Potential Neuroprotectants for Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 777-790.	2.9	14
15	Nanodesign of new self-assembling core-shell gellan-transfersomes loading baicalin and in vivo evaluation of repair response in skin. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 569-579.	1.7	46
16	Anticancer Agent Edelfosine Exhibits a High Affinity for Cholesterol and Disorganizes Liquid-Ordered Membrane Structures. <i>Langmuir</i> , 2018, 34, 8333-8346.	1.6	18
17	The vertical location of $\alpha$ -tocopherol in phosphatidylcholine membranes is not altered as a function of the degree of unsaturation of the fatty acyl chains. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 6731-6742.	1.3	22
18	Structural characterization of the Rabphilin-3A-SNAP25 interaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E5343-E5351.	3.3	37

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19	The increase in positively charged residues in cecropin D-like <i>Galleria mellonella</i> favors its interaction with membrane models that imitate bacterial membranes. <i>Archives of Biochemistry and Biophysics</i> , 2017, 629, 54-62.	1.4	15
20	Development of Poly(lactide-co-glicolide) Nanoparticles Incorporating Morphine Hydrochloride to Prolong its Circulation in Blood. <i>Current Pharmaceutical Design</i> , 2017, 23, 2015-2025.	0.9	1
21	X-ray diffraction and NMR data for the study of the location of idebenone and idebenol in model membranes. <i>Data in Brief</i> , 2016, 7, 981-989.	0.5	0
22	Both idebenone and idebenol are localized near the lipid-water interface of the membrane and increase its fluidity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 1071-1081.	1.4	12
23	Attenuated total reflectance infrared spectroscopy: A powerful method for the simultaneous study of structure and spatial orientation of lipids and membrane proteins. <i>Biomedical Spectroscopy and Imaging</i> , 2015, 4, 159-170.	1.2	7
24	Capsaicin Fluidifies the Membrane and Localizes Itself near the Lipid-Water Interface. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1741-1750.	1.7	20
25	Classical protein kinases C are regulated by concerted interaction with lipids: the importance of phosphatidylinositol-4,5-bisphosphate. <i>Biophysical Reviews</i> , 2014, 6, 3-14.	1.5	16
26	Signaling through C2 domains: More than one lipid target. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1536-1547.	1.4	189
27	Correlation between fluorescence and structure in the orange-emitting GFP-like protein, monomeric Kusabira Orange. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 138, 223-229.	1.7	2
28	The C1B domains of novel PKC $\mu$ and PKC $\delta$ have a higher membrane binding affinity than those of the also novel PKC $\gamma$ and PKC $\zeta$ . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1898-1909.	1.4	5
29	Lamellar Gel (L $^2$ ) Phases of Ternary Lipid Composition Containing Ceramide and Cholesterol. <i>Biophysical Journal</i> , 2014, 106, 621-630.	0.2	41
30	Membrane Permeabilization Induced by Sphingosine: Effect of Negatively Charged Lipids. <i>Biophysical Journal</i> , 2014, 106, 2577-2584.	0.2	21
31	Functions of the C-terminal domains of apoptosis-related proteins of the Bcl-2 family. <i>Chemistry and Physics of Lipids</i> , 2014, 183, 77-90.	1.5	40
32	Phosphatidylinositol-4,5-Bisphosphate Enhances Anionic Lipid Demixing by the C2 Domain of PKC $\delta$ . <i>PLoS ONE</i> , 2014, 9, e95973.	1.1	5
33	Membrane docking mode of the C2 domain of PKC $\mu$ : An infrared spectroscopy and FRET study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 552-560.	1.4	2
34	Structural insights into the Ca <sup>2+</sup> and PI(4,5)P <sub>2</sub> binding modes of the C2 domains of rabphilin 3A and synaptotagmin 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20503-20508.	3.3	64
35	Phosphatidylinositol 4,5-Bisphosphate Decreases the Concentration of Ca <sup>2+</sup> , Phosphatidylserine and Diacylglycerol Required for Protein Kinase C $\delta$ to Reach Maximum Activity. <i>PLoS ONE</i> , 2013, 8, e69041.	1.1	12
36	Quartz crystal microbalance with dissipation monitoring and the real-time study of biological systems and macromolecules at interfaces. <i>Biomedical Spectroscopy and Imaging</i> , 2012, 1, 325-338.	1.2	1

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37	The Interaction of C1B Domains from Novel PKCs with Lipids. <i>Biophysical Journal</i> , 2012, 102, 302a.	0.2	0
38	Alcohol dehydrogenase from the hyperthermophilic archaeon <i>Pyrobaculum aerophilum</i> : Stability at high temperature. <i>Archives of Biochemistry and Biophysics</i> , 2012, 525, 40-46.	1.4	9
39	The membrane binding kinetics of full-length PKC $\zeta$ is determined by membrane lipid composition. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 1434-1442.	1.2	11
40	ATP Enhances Neuronal Differentiation of PC12 Cells by Activating PKC $\zeta$ Interactions with Cytoskeletal Proteins. <i>Journal of Proteome Research</i> , 2011, 10, 529-540.	1.8	11
41	Curcumin modulates PKC $\zeta$ activity by a membrane-dependent effect. <i>Archives of Biochemistry and Biophysics</i> , 2011, 513, 36-41.	1.4	11
42	Membrane docking of the C2 domain from protein kinase C $\zeta$ as seen by polarized ATR-IR. The role of PIP2. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 684-695.	1.4	19
43	Stability of Liposomes on Long Term Storage. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 42, 397-400.	1.2	69
44	Intra-articular therapy of experimental arthritis with a derivative of triamcinolone acetonide incorporated in liposomes. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 45, 576-578.	1.2	41
45	The C2 domains of classical and novel PKCs as versatile decoders of membrane signals. <i>BioFactors</i> , 2010, 36, 1-7.	2.6	25
46	Membrane-Surface Anchoring of Charged Diacylglycerol-Lactones Correlates with Biological Activities. <i>ChemBioChem</i> , 2010, 11, 2003-2009.	1.3	2
47	Inside Cover: Membrane-Surface Anchoring of Charged Diacylglycerol-Lactones Correlates with Biological Activities (ChemBioChem 14/2010). <i>ChemBioChem</i> , 2010, 11, 1926-1926.	1.3	0
48	Protein kinases C are versatile decoders of lipid signals. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S9-S10.	1.5	0
49	Activation of PKC $\zeta$ by docosahexaenoic acid in breast cancer cells. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S46.	1.5	0
50	Curcumin Disorders 1,2-Dipalmitoyl-sn-glycero-3-phosphocholine Membranes and Favors the Formation of Nonlamellar Structures by 1,2-Dielaidoyl-sn-glycero-3-phosphoethanolamine. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9778-9786.	1.2	45
51	The Interaction of Curcumin with Phospholipid Model Membranes. a Study using Differential Scanning Calorimetry, NMR, X-Ray Diffraction and Infrared Spectroscopy. <i>Biophysical Journal</i> , 2010, 98, 478a.	0.2	0
52	Structural and mechanistic insights into the association of PKC $\zeta$ -C2 domain to PtdIns(4,5)P <sub>2</sub> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6603-6607.	3.3	99
53	The interaction of the Bax C-terminal domain with membranes is influenced by the presence of negatively charged phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1924-1932.	1.4	10
54	A Comparison of the Membrane Binding Properties of C1B Domains of PKC $\delta$ , PKC $\gamma$ , and PKC $\epsilon$ . <i>Biophysical Journal</i> , 2009, 96, 3638-3647.	0.2	28

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55	Edelfosine Is Incorporated into Rafts and Alters Their Organization. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11643-11654.	1.2	70
56	The interaction of the Bax C-terminal domain with negatively charged lipids modifies the secondary structure and changes its way of insertion into membranes. <i>Journal of Structural Biology</i> , 2008, 164, 146-152.	1.3	18
57	The PtdIns(4,5)P <sub>2</sub> Ligand Itself Influences the Localization of PKC $\zeta$ in the Plasma Membrane of Intact Living Cells. <i>Journal of Molecular Biology</i> , 2008, 377, 1038-1052.	2.0	34
58	Redox State of Coenzyme Q <sub>10</sub> Determines Its Membrane Localization. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12696-12702.	1.2	27
59	The C2 domains of classical/conventional PKCs are specific PtdIns(4,5)P <sub>2</sub> -sensing domains. <i>Biochemical Society Transactions</i> , 2007, 35, 1046-1048.	1.6	20
60	Interaction of the C-terminal domain of Bcl-2 family proteins with model membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2931-2939.	1.4	16
61	The C2 Domains of Classical PKCs are Specific PtdIns(4,5)P <sub>2</sub> -sensing Domains with Different Affinities for Membrane Binding. <i>Journal of Molecular Biology</i> , 2007, 371, 608-621.	2.0	51
62	Interaction of the C2 Domain from Protein Kinase C $\mu$ with Model Membranes. <i>Biochemistry</i> , 2007, 46, 3183-3192.	1.2	13
63	Diacylglycerols, multivalent membrane modulators. <i>Chemistry and Physics of Lipids</i> , 2007, 148, 1-25.	1.5	72
64	Protein kinase C regulatory domains: The art of decoding many different signals in membranes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2006, 1761, 633-654.	1.2	108
65	Molecular Mechanisms of PKC $\zeta$ localization and Activation by Arachidonic Acid. The C2 Domain also Plays a Role. <i>Journal of Molecular Biology</i> , 2006, 357, 1105-1120.	2.0	33
66	The C2 Domain of PKC $\zeta$ Is a Ca <sup>2+</sup> -dependent PtdIns(4,5)P <sub>2</sub> Sensing Domain: A New Insight into an Old Pathway. <i>Journal of Molecular Biology</i> , 2006, 362, 901-914.	2.0	57
67	Structural study of the catalytic domain of PKC $\zeta$ using infrared spectroscopy and two-dimensional infrared correlation spectroscopy. <i>FEBS Journal</i> , 2006, 273, 3273-3286.	2.2	10
68	Effects of the anti-neoplastic agent ET-18-OCH <sub>3</sub> and some analogs on the biophysical properties of model membranes. <i>International Journal of Pharmaceutics</i> , 2006, 318, 28-40.	2.6	12
69	The ATP-dependent Membrane Localization of Protein Kinase C $\zeta$ Is Regulated by Ca <sup>2+</sup> Influx and Phosphatidylinositol 4,5-Bisphosphate in Differentiated PC12 Cells. <i>Molecular Biology of the Cell</i> , 2005, 16, 2848-2861.	0.9	43
70	Modulation of the Membrane Orientation and Secondary Structure of the C-Terminal Domains of Bak and Bcl-2 by Lipids. <i>Biochemistry</i> , 2005, 44, 10796-10809.	1.2	13
71	Retinoic Acid as a Modulator of the Activity of Protein Kinase C $\zeta$ . <i>Biochemistry</i> , 2005, 44, 11353-11360.	1.2	17
72	A comparative study of the effect of the antineoplastic ether lipid 1-O-octadecyl-2-O-methyl-glycero-3-phosphocholine and some homologous compounds on PKC $\zeta$ and PKC $\epsilon$ . <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2005, 1687, 110-119.	1.2	6

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73	Calorimetric Study of the Interaction of the C2 Domains of Classical Protein Kinase C Isoenzymes with Ca <sup>2+</sup> and Phospholipids. <i>Biochemistry</i> , 2004, 43, 11727-11739.	1.2	41
74	Role of the Lysine-rich Cluster of the C2 Domain in the Phosphatidylserine-dependent Activation of PKC $\delta$ . <i>Journal of Molecular Biology</i> , 2004, 335, 1117-1129.	2.0	38
75	An Infrared Spectroscopic Study of the Secondary Structure of Protein Kinase C $\delta$ and Its Thermal Denaturation. <i>Biochemistry</i> , 2004, 43, 2332-2344.	1.2	23
76	Diacylglycerols as activators of protein kinase C (Review). <i>Molecular Membrane Biology</i> , 2004, 21, 339-349.	2.0	18
77	Retinoic Acid Binds to the C2-Domain of Protein Kinase C $\delta$ . <i>Biochemistry</i> , 2003, 42, 8774-8779.	1.2	76
78	Characterization of the Membrane Binding Mode of the C2 Domain of PKC $\mu$ . <i>Biochemistry</i> , 2003, 42, 11661-11668.	1.2	60
79	Structural Study of the C2 Domains of the Classical PKC Isoenzymes Using Infrared Spectroscopy and Two-Dimensional Infrared Correlation Spectroscopy. <i>Biochemistry</i> , 2003, 42, 11669-11681.	1.2	33
80	C2 Domain of Protein Kinase C $\delta$ : Elucidation of the Membrane Docking Surface by Site-Directed Fluorescence and Spin Labeling. <i>Biochemistry</i> , 2003, 42, 1254-1265.	1.2	91
81	The Simultaneous Production of Phosphatidic Acid and Diacylglycerol Is Essential for the Translocation of Protein Kinase C $\mu$ to the Plasma Membrane in RBL-2H3 Cells. <i>Molecular Biology of the Cell</i> , 2003, 14, 4885-4895.	0.9	81
82	A New Phosphatidylinositol 4,5-Bisphosphate-binding Site Located in the C2 Domain of Protein Kinase C $\delta$ . <i>Journal of Biological Chemistry</i> , 2003, 278, 4972-4980.	1.6	92
83	Role of the Ca <sup>2+</sup> /Phosphatidylserine Binding Region of the C2 Domain in the Translocation of Protein Kinase C $\delta$ to the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2003, 278, 10282-10290.	1.6	60
84	Structural Characterization of the C2 Domains of Classical Isozymes of Protein Kinase C and Novel Protein Kinase C $\mu$ by using Infrared Spectroscopy. <i>Spectroscopy</i> , 2003, 17, 399-416.	0.8	2
85	C2 Domains of Protein Kinase C Isoforms C $\delta$ , C $\epsilon$ , and C $\zeta$ : Activation Parameters and Calcium Stoichiometries of the Membrane-Bound State. <i>Biochemistry</i> , 2002, 41, 11411-11424.	1.2	102
86	Additional Binding Sites for Anionic Phospholipids and Calcium Ions in the Crystal Structures of Complexes of the C2 Domain of Protein Kinase C $\delta$ . <i>Journal of Molecular Biology</i> , 2002, 320, 277-291.	2.0	74
87	The Structure of the C-Terminal Domain of the Pro-Apoptotic Protein Bak and Its Interaction with Model Membranes. <i>Biophysical Journal</i> , 2002, 82, 233-243.	0.2	22
88	Structure of the C2 domain from novel protein kinase C $\mu$ . A membrane binding model for Ca <sup>2+</sup> -independent C2 domains. <i>Journal of Molecular Biology</i> , 2001, 311, 837-849.	2.0	97
89	Aggregational behavior of aqueous dispersions of the antifungal lipopeptide iturin A. <i>Peptides</i> , 2001, 22, 1-5.	1.2	22
90	Conformation of the C-Terminal Domain of the Pro-Apoptotic Protein Bax and Mutants and Its Interaction with Membranes. <i>Biochemistry</i> , 2001, 40, 9983-9992.	1.2	36

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91	Identification of the Phosphatidylserine Binding Site in the C2 Domain that Is Important for PKC $\zeta$ Activation and in Vivo Cell Localization. <i>Biochemistry</i> , 2001, 40, 13898-13905.	1.2	59
92	Activation of Protein Kinase C $\zeta$ by Lipid Mixtures Containing Different Proportions of Diacylglycerols. <i>Biochemistry</i> , 2001, 40, 15038-15046.	1.2	9
93	Structural characterization of the C2 domain of novel protein kinase C $\mu$ . <i>FEBS Journal</i> , 2001, 268, 1107-1117.	0.2	21
94	Correlation between the effect of the anti-neoplastic ether lipid 1-O-octadecyl-2-O-methyl-glycero-3-phosphocholine on the membrane and the activity of protein kinase C $\zeta$ . <i>FEBS Journal</i> , 2001, 268, 6369-6378.	0.2	11
95	The interaction of coenzyme Q with phosphatidylethanolamine membranes. <i>FEBS Journal</i> , 2001, 259, 739-746.	0.2	28
96	Labeling the Ca <sup>2+</sup> -ATPase of Skeletal Muscle Sarcoplasmic Reticulum with Maleimidylsalicylic Acid. <i>Journal of Biological Chemistry</i> , 2000, 275, 39103-39109.	1.6	2
97	A Biophysical Study of the Interaction of the Lipopeptide Antibiotic Iturin A with Aqueous Phospholipid Bilayers. <i>Archives of Biochemistry and Biophysics</i> , 2000, 377, 315-323.	1.4	41
98	The C2 domain of protein kinase C $\zeta$ is directly involved in the diacylglycerol-dependent binding of the C1 domain to the membrane. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2000, 1487, 246-254.	1.2	25
99	Study of the Secondary Structure of the C-Terminal Domain of the Antiapoptotic Protein Bcl-2 and Its Interaction with Model Membranes. <i>Biochemistry</i> , 2000, 39, 7744-7752.	1.2	20
100	Structure of the Alzheimer beta-amyloid peptide (25-35) and its interaction with negatively charged phospholipid vesicles. <i>FEBS Journal</i> , 1999, 265, 744-753.	0.2	84
101	The Cancer Chemopreventive Agent Resveratrol Is Incorporated into Model Membranes and Inhibits Protein Kinase C $\zeta$ Activity. <i>Archives of Biochemistry and Biophysics</i> , 1999, 372, 382-388.	1.4	74
102	Modulation of polymorphic properties of dielaidoylphosphatidylethanolamine by the antineoplastic ether lipid 1-O-octadecyl-2-O-methyl-glycero-3-phosphocholine. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1417, 202-210.	1.4	8
103	A study on the interactions of surfactin with phospholipid vesicles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1418, 307-319.	1.4	90
104	Correlation between Protein Kinase C $\zeta$ Activity and Membrane Phase Behavior. <i>Biophysical Journal</i> , 1999, 76, 916-927.	0.2	35
105	Ca <sup>2+</sup> bridges the C2 membrane-binding domain of protein kinase C $\zeta$ directly to phosphatidylserine. <i>EMBO Journal</i> , 1999, 18, 6329-6338.	3.5	323
106	Influence of the Physical State of the Membrane on the Enzymatic Activity and Energy of Activation of Protein Kinase C $\zeta$ . <i>Biochemistry</i> , 1999, 38, 7747-7754.	1.2	24
107	Effect of Calcium and Phosphatidic Acid Binding on the C2 Domain of PKC $\zeta$ As Studied by Fourier Transform Infrared Spectroscopy. <i>Biochemistry</i> , 1999, 38, 9667-9675.	1.2	39
108	Characterization of Phenylmaleimide Inhibition of the Ca <sup>2+</sup> -ATPase from Skeletal-Muscle Sarcoplasmic Reticulum. <i>Archives of Biochemistry and Biophysics</i> , 1999, 372, 121-127.	1.4	1

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109	Determination of the calcium-binding sites of the C2 domain of protein kinase C $\hat{\pm}$ that are critical for its translocation to the plasma membrane. <i>Biochemical Journal</i> , 1999, 337, 513-521.	1.7	58
110	A comparative study of the activation of protein kinase C $\hat{\pm}$ by different diacylglycerol isomers. <i>Biochemical Journal</i> , 1999, 337, 387.	1.7	20
111	Determination of the calcium-binding sites of the C2 domain of protein kinase C $\hat{\pm}$ that are critical for its translocation to the plasma membrane. <i>Biochemical Journal</i> , 1999, 337, 513.	1.7	23
112	The use of FT-IR for quantitative studies of the apparent pKa of lipid carboxyl groups and the dehydration degree of the phosphate group of phospholipids. <i>Chemistry and Physics of Lipids</i> , 1998, 96, 41-52.	1.5	58
113	Location of N-cyclohexyl-N'-(4-dimethyl-amino-alpha-naphthyl)carbodiimide-binding site in sarcoplasmic reticulum Ca <sup>2+</sup> -transporting ATPase. <i>FEBS Journal</i> , 1998, 253, 339-344.	0.2	7
114	The phase behavior of aqueous dispersions of unsaturated mixtures of diacylglycerols and phospholipids. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1373, 209-219.	1.4	39
115	Chapter 5 Phase Behavior of Membranes Containing Bioactive Lipids. <i>Current Topics in Membranes</i> , 1997, 44, 193-235.	0.5	2
116	Influence of $\hat{\pm}$ -Tocopherol Incorporation on Ca <sup>2+</sup> -Induced Fusion of Phosphatidylserine Vesicles. <i>Archives of Biochemistry and Biophysics</i> , 1996, 333, 394-400.	1.4	12
117	Interaction between $\hat{\pm}$ -tocopherol and heteroacid phosphatidylcholines with different amounts of unsaturation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1279, 251-258.	1.4	50
118	The interaction of $\hat{\pm}$ -tocopherol with phosphatidylserine vesicles and calcium. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1281, 23-30.	1.4	28
119	Involvement of an arginyl residue in the nucleotide-binding site of Ca <sup>2+</sup> -ATPase from sarcoplasmic reticulum as seen by reaction with phenylglyoxal. <i>Biochemical Journal</i> , 1996, 318, 179-185.	1.7	1
120	Functional properties of a sarcoplasmic reticulum Ca <sup>2+</sup> -ATPase with an altered Ca <sup>2+</sup> -binding mechanism. <i>Biochemical Journal</i> , 1995, 309, 499-505.	1.7	3
121	Apparent pKa of the fatty acids within ordered mixtures of model human stratum corneum lipids. <i>Pharmaceutical Research</i> , 1995, 12, 1614-1617.	1.7	76
122	Capsaicin affects the structure and phase organization of phospholipid membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1234, 225-234.	1.4	67
123	Effect of sphingosine and stearylamine on the interaction of phosphatidylserine with calcium. A study using DSC, FT-IR and <sup>45</sup> Ca <sup>2+</sup> -binding. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1236, 279-288.	1.4	22
124	Metastability of dimiristoylphosphatidylethanolamine as studied by FT-IR and the effect of $\hat{\pm}$ -tocopherol. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1239, 213-225.	1.4	13
125	Drug Action of Ritodrine on the Sarcoplasmic-Reticulum Ca <sup>2+</sup> -ATPase from Skeletal Muscle. <i>Archives of Biochemistry and Biophysics</i> , 1995, 318, 97-104.	1.4	9
126	The dissimilar effect of diacylglycerols on Ca(2+)-induced phosphatidylserine vesicle fusion. <i>Biophysical Journal</i> , 1995, 68, 558-566.	0.2	22



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127	Fluorescence study of a derivatized diacylglycerol incorporated in model membranes. <i>Chemistry and Physics of Lipids</i> , 1994, 69, 75-85.	1.5	28
128	Interdependence of H <sup>+</sup> and K <sup>+</sup> fluxes during the Ca <sup>2+</sup> -pumping activity of sarcoplasmic reticulum vesicles. <i>Journal of Bioenergetics and Biomembranes</i> , 1994, 26, 127-136.	1.0	2
129	Influence of oleic acid on the structure of a mixture of hydrated model stratum corneum fatty acids and their soaps. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994, 90, 225-234.	2.3	17
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