

Paavo Kj Kinnunen

List of Publications by Year in descending order

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44
papers

2,835
citations

218677

26
h-index

243625

44
g-index

45
all docs

45
docs citations

45
times ranked

3230
citing authors

#	ARTICLE	IF	CITATIONS
1	Phospholipid-Cytochrome c Interaction. <i>Journal of Biological Chemistry</i> , 2002, 277, 8822-8826.	3.4	284
2	The role of lipid-protein interactions in amyloid-type protein fibril formation. <i>Chemistry and Physics of Lipids</i> , 2006, 141, 72-82.	3.2	244
3	Reversibility of the Binding of Cytochrome c to Liposomes. <i>Journal of Biological Chemistry</i> , 1995, 270, 3197-3202.	3.4	243
4	Increased plasma phospholipase-A2 activity in schizophrenic patients: Reduction after neuroleptic therapy. <i>Biological Psychiatry</i> , 1987, 22, 421-426.	1.3	208
5	On the principles of functional ordering in biological membranes. <i>Chemistry and Physics of Lipids</i> , 1991, 57, 375-399.	3.2	204
6	Interaction of the antimicrobial peptide pheromone Plantaricin A with model membranes: Implications for a novel mechanism of action. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1461-1474.	2.6	155
7	Lipid dynamics and peripheral interactions of proteins with membrane surfaces. <i>Chemistry and Physics of Lipids</i> , 1994, 73, 181-207.	3.2	147
8	Characterization of Two Oxidatively Modified Phospholipids in Mixed Monolayers with DPPC. <i>Biophysical Journal</i> , 2006, 90, 4488-4499.	0.5	118
9	Binding of LL-37 to model biomembranes: Insight into target vs host cell recognition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 983-996.	2.6	117
10	Binding of amphipathic α -helical antimicrobial peptides to lipid membranes: Lessons from temporins B and L. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2009, 1788, 1600-1609.	2.6	116
11	On the molecular-level mechanisms of peripheral protein-membrane interactions induced by lipids forming inverted non-lamellar phases. <i>Chemistry and Physics of Lipids</i> , 1996, 81, 151-166.	3.2	105
12	Antimicrobial Peptides Temporins B and L Induce Formation of Tubular Lipid Protrusions from Supported Phospholipid Bilayers. <i>Biophysical Journal</i> , 2006, 91, 4427-4439.	0.5	97
13	Islet Amyloid Polypeptide Forms Rigid Lipid-Protein Amyloid Fibrils on Supported Phospholipid Bilayers. <i>Journal of Molecular Biology</i> , 2008, 376, 42-54.	4.2	96
14	Fusion of lipid bilayers: a model involving mechanistic connection to HII phase forming lipids. <i>Chemistry and Physics of Lipids</i> , 1992, 63, 251-258.	3.2	66
15	Protein-oxidized phospholipid interactions in cellular signaling for cell death: From biophysics to clinical correlations. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2012, 1818, 2446-2455.	2.6	54
16	Evidence for the Extended Phospholipid Conformation in Membrane Fusion and Hemifusion. <i>Biophysical Journal</i> , 1999, 76, 2111-2120.	0.5	47
17	Novel endosomolytic peptides for enhancing gene delivery in nanoparticles. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 544-553.	2.6	40
18	Human heat shock protein 70 (Hsp70) as a peripheral membrane protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1344-1361.	2.6	39

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19	Amyloid Formation on Lipid Membrane Surfaces–!2009-06-14~!2009-07-09~!2010-01-02~!. The Open Biology Journal, 2010, 2, 163-175.	0.5	38
20	Hydrolysis of 1-palmitoyl-2-[6-(pyren-1-yl)]hexanoyl-sn-glycero-3-phospholipids by phospholipase A2: effect of the polar head-group. Lipids and Lipid Metabolism, 1987, 917, 411-417.	2.6	33
21	Oxidized Phospholipids as Potential Novel Drug Targets. Biophysical Journal, 2007, 93, 3105-3112.	0.5	33
22	Binding of Adriamycin to Liposomes as a Probe for Membrane Lateral Organization. Biophysical Journal, 1999, 76, 896-907.	0.5	31
23	An Overview of Nanoparticle Based Delivery for Treatment of Inner Ear Disorders. Methods in Molecular Biology, 2016, 1427, 363-415.	0.9	31
24	Phospholipase A2 assay using an intramolecularly quenched pyrene-labeled phospholipid analog as a substrate. Analytical Biochemistry, 1988, 170, 248-255.	2.4	30
25	Control of a Redox Reaction on Lipid Bilayer Surfaces by Membrane Dipole Potential. Biophysical Journal, 2001, 80, 294-304.	0.5	28
26	Amyloid-Type Fiber Formation in Control of Enzyme Action: Interfacial Activation of Phospholipase A2. Biophysical Journal, 2008, 95, 215-224.	0.5	28
27	Activation of phospholipase A2 by 1-palmitoyl-2-(9'-oxo-nonanoyl)-sn-glycero-3-phosphocholine in vitro. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1593-1600.	2.6	26
28	Pathway and morphological transformation of liposome nanocarriers after release from a novel sustained inner-ear delivery system. Nanomedicine, 2014, 9, 2143-2155.	3.3	25
29	Activation of phospholipase A2 by temporin B: Formation of antimicrobial peptide-enzyme amyloid-type cofibrils. Biochimica Et Biophysica Acta - Biomembranes, 2009, 1788, 1064-1072.	2.6	20
30	Amyloid Formation on Lipid Membrane Surfaces. The Open Biology Journal, 2009, 2, 163-175.	0.5	19
31	Interactions of Adriamycin, Cytochrome c, and Serum Albumin with Lipid Monolayers Containing Poly(ethylene glycol)-Ceramide. Biophysical Journal, 2002, 83, 954-967.	0.5	18
32	Gravimetric determination of phospholipid concentration. Chemistry and Physics of Lipids, 2012, 165, 689-695.	3.2	15
33	Fluorescence Investigation of Interactions Between Novel Benzanthrone Dyes and Lysozyme Amyloid Fibrils. Journal of Fluorescence, 2014, 24, 493-504.	2.5	15
34	Activation of phospholipase A2 by Hsp70 in vitro. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2569-2572.	2.6	10
35	Oxidized phospholipids—Their properties and interactions with proteins. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2373.	2.6	10
36	Peptide-mediated targeting of liposomes to TrkB receptor-expressing cells. International Journal of Nanomedicine, 2012, 7, 3475.	6.7	10

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37	Class specific peptide inhibitors for secretory phospholipases A2. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 349-353.	2.1	7
38	Phospholipid lateral diffusion in phosphatidylcholine-sphingomyelin-cholesterol monolayers; Effects of oxidatively truncated phosphatidylcholines. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 167-173.	2.6	6
39	Fluorescence study of the effect of the oxidized phospholipids on amyloid fibril formation by the apolipoprotein A-I N-terminal fragment. <i>Chemical Physics Letters</i> , 2017, 688, 1-6.	2.6	6
40	Principles of rational design of thermally targeted liposomes for local drug delivery. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1243-1252.	3.3	5
41	Enhanced gene expression by a novel designed leucine zipper endosomolytic peptide. <i>International Journal of Pharmaceutics</i> , 2021, 601, 120556.	5.2	5
42	Fluorescence monitoring of the effect of oxidized lipids on the process of protein fibrillization. <i>Methods and Applications in Fluorescence</i> , 2016, 4, 034008.	2.3	3
43	Activation of phospholipase A2 by prostaglandin in vitro. <i>Prostaglandins and Other Lipid Mediators</i> , 2021, 152, 106500.	1.9	2
44	Interactions and dynamics of two extended conformation adapting phosphatidylcholines in model biomembranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 264-273.	2.6	1