

J Bandorowska

List of Publications by Year in descending order

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46
papers

1,366
citations

361045

20
h-index

329751

37
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docs citations

46
times ranked

1597
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally Occurring Human Glutathione S-transferase GSTP1-1 Isoforms with Isoleucine and Valine in Position 104 Differ in Enzymic Properties. <i>FEBS Journal</i> , 1994, 224, 893-899.	0.2	389
2	Novel Function of Human RLIP76: ATP-Dependent Transport of Glutathione Conjugates and Doxorubicin. <i>Biochemistry</i> , 2000, 39, 9327-9334.	1.2	163
3	Phospholipases of Mineralization Competent Cells and Matrix Vesicles: Roles in Physiological and Pathological Mineralizations. <i>International Journal of Molecular Sciences</i> , 2013, 14, 5036-5129.	1.8	55
4	ATP-Dependent Human Erythrocyte Glutathione-Conjugate Transporter. II. Functional Reconstitution of Transport Activity. <i>Biochemistry</i> , 1998, 37, 5239-5248.	1.2	51
5	ATP-Dependent Human Erythrocyte Glutathione-Conjugate Transporter. I. Purification, Photoaffinity Labeling, and Kinetic Characteristics of ATPase Activity. <i>Biochemistry</i> , 1998, 37, 5231-5238.	1.2	47
6	Acidic pH-induced folding of annexin VI is a prerequisite for its insertion into lipid bilayers and formation of ion channels by the protein molecules. <i>FASEB Journal</i> , 2001, 15, 1083-1085.	0.2	47
7	Annexin-A6 presents two modes of association with phospholipid membranes. A combined QCM-D, AFM and cryo-TEM study. <i>Journal of Structural Biology</i> , 2009, 168, 107-116.	1.3	44
8	Mitochondrial dysfunction in fibroblasts derived from patients with Niemann-Pick type C disease. <i>Archives of Biochemistry and Biophysics</i> , 2016, 593, 50-59.	1.4	43
9	Conformational states of annexin VI in solution induced by acidic pH. <i>FEBS Letters</i> , 2001, 496, 49-54.	1.3	40
10	Do annexins participate in lipid messenger mediated intracellular signaling? A question revisited. <i>Molecular Membrane Biology</i> , 2012, 29, 229-242.	2.0	36
11	Annexins as nucleotide-binding proteins: Facts and speculations. <i>BioEssays</i> , 2001, 23, 170-178.	1.2	28
12	GTP-Induced Membrane Binding and Ion Channel Activity of Annexin VI: Is Annexin VI a GTP Biosensor?. <i>Biophysical Journal</i> , 2002, 82, 2737-2745.	0.2	28
13	Temperature dependence of ligand-protein complex formation as reflected by saturation transfer difference NMR experiments. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, 745-748.	1.1	27
14	Interaction of annexin A6 with cholesterol rich membranes is pH-dependent and mediated by the sterol OH. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 436-441.	5.0	25
15	Cholesterol as a factor regulating intracellular localization of annexin A6 in Niemann-Pick type C human skin fibroblasts. <i>Archives of Biochemistry and Biophysics</i> , 2010, 493, 221-233.	1.4	25
16	A Putative Consensus Sequence for the Nucleotide-Binding Site of Annexin A6. <i>Biochemistry</i> , 2003, 42, 9137-9146.	1.2	24
17	Rabbit Aorta Glutathione S-Transferases and Their Role in Bioactivation of Trinitroglycerin. <i>Toxicology and Applied Pharmacology</i> , 1996, 140, 378-386.	1.3	23
18	Annexins as organizers of cholesterol- and sphingomyelin-enriched membrane microdomains in Niemann-Pick type C disease. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 1773-1785.	2.4	23

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19	Fluorescence Spectroscopic Studies on Interactions between Liver Annexin VI and Nucleotides. A Possible Role for a Tryptophan Residue. <i>FEBS Journal</i> , 1997, 248, 238-244.	0.2	21
20	Structure of Human Annexin A6 at the Air-Water Interface and in a Membrane-Bound State. <i>Biophysical Journal</i> , 2004, 87, 1215-1226.	0.2	21
21	Effects of Mutagenesis of W343 in Human Annexin A6 Isoform 1 on Its Interaction with GTP:â€‰% Nucleotide-Induced Oligomer Formation and Ion Channel Activity. <i>Biochemistry</i> , 2006, 45, 4965-4973.	1.2	20
22	Impaired dynamics of the late endosome/lysosome compartment in human Niemannâ€‰Pick type C skin fibroblasts carrying mutation in NPC1 gene. <i>Molecular BioSystems</i> , 2012, 8, 1197.	2.9	20
23	Localization of Annexin A6 in Matrix Vesicles During Physiological Mineralization. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1367.	1.8	20
24	Calciumâ€‰and pHâ€‰dependent localization of annexin A6 isoforms in Balb/3T3 fibroblasts reflecting their potential participation in vesicular transport. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 418-434.	1.2	19
25	N- and C-Terminal Halves of Human Annexin VI Differ in Ability to Form Low pH-Induced Ion Channels. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 785-791.	1.0	18
26	Annexin A6 is recruited into lipid rafts of Niemannâ€‰Pick type C disease fibroblasts in a Ca ²⁺ -dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 192-196.	1.0	17
27	Mechanisms for xenobiotic transport in biological membranes. <i>Toxicology Letters</i> , 1999, 106, 107-118.	0.4	15
28	Two-Step Membrane Binding of NDPK-B Induces Membrane Fluidity Decrease and Changes in Lipid Lateral Organization and Protein Cluster Formation. <i>Langmuir</i> , 2016, 32, 12923-12933.	1.6	9
29	Calcium- and proton-dependent relocation of annexin A6 in Jurkat T cells stimulated for interleukin-2 secretion.. <i>Acta Biochimica Polonica</i> , 2007, 54, 261-271.	0.3	8
30	Interaction of AnxA6 with isolated and artificial lipid microdomains; importance of lipid composition and calcium content. <i>Molecular BioSystems</i> , 2013, 9, 668.	2.9	7
31	Acidic pHâ€‰induced folding of annexin VI is a prerequisite for its insertion into lipid bilayers and formation of ion channels by the protein molecules. <i>FASEB Journal</i> , 2001, 15, 1083-1085.	0.2	7
32	Exploring NMR methods as a tool to select suitable fluorescent nucleotide analogues. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5332.	1.5	6
33	Src and ROCK Kinases Differentially Regulate Mineralization of Human Osteosarcoma Saos-2 Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2872.	1.8	6
34	Topoisomerase I in actively growing plasmodia and during differentiation of the slime mold <i>Physarum polycephalum</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1088, 36-40.	2.4	5
35	Extracellular ATP and its effects on physiological and pathological mineralization. <i>Current Opinion in Orthopaedics</i> , 2007, 18, 460-466.	0.3	5
36	Recent Advances in NMR Studies of Lipids. <i>Annual Reports on NMR Spectroscopy</i> , 2015, 85, 195-246.	0.7	4

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37	Activation of mammalian target of rapamycin kinase and glycogen synthase kinase β 2 accompanies abnormal accumulation of cholesterol in fibroblasts from Niemann-Pick type C patients. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6580-6588.	1.2	3
38	NMR of lipids. <i>Nuclear Magnetic Resonance</i> , 2013, , 362-382.	0.1	3
39	UDP hydrolase activity associated with the porcine liver annexin fraction. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1526, 70-76.	1.1	2
40	Probing nucleotide binding site of annexin A6. <i>Vibrational Spectroscopy</i> , 2004, 36, 233-236.	1.2	2
41	A novel retinoid binding property of human annexin A6. <i>FEBS Letters</i> , 2006, 580, 3065-3069.	1.3	2
42	Characterization of caged compounds binding to proteins by NMR spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 447-451.	1.0	2
43	Chapter 9. NMR of lipids. <i>Nuclear Magnetic Resonance</i> , 2014, , 378-400.	0.1	2
44	NMR of lipids. <i>Nuclear Magnetic Resonance</i> , 2015, , 385-406.	0.1	2
45	Fluorescence evidence of annexin A6 translocation across membrane in model matrix vesicles during apatite formation. , 2022, 1, .		2
46	Annexins as Neuroprotective Agents in the Central Nervous System. <i>Current Medicinal Chemistry - Central Nervous System Agents</i> , 2002, 2, 87-107.	0.6	0