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 g-index
46 all docs	46 docs citations	46 times ranked	1597 citing authors

#	Article	IF	Citations
1	Fluorescence evidence of annexin A6 translocation across membrane in model matrix vesicles during apatite formation. , 2022, 1, .		2
2	Localization of Annexin A6 in Matrix Vesicles During Physiological Mineralization. International Journal of Molecular Sciences, 2020, 21, 1367.	1.8	20
3	Src and ROCK Kinases Differentially Regulate Mineralization of Human Osteosarcoma Saos-2 Cells. International Journal of Molecular Sciences, 2019, 20, 2872.	1.8	6
4	Activation of mammalian terget of rapamycin kinase and glycogen synthase kinaseâ€3Î² accompanies abnormal accumulation of cholesterol in fibroblasts from Niemannâ€Pick type C patients. Journal of Cellular Biochemistry, 2019, 120, 6580-6588.	1.2	3
5	Two-Step Membrane Binding of NDPK-B Induces Membrane Fluidity Decrease and Changes in Lipid Lateral Organization and Protein Cluster Formation. Langmuir, 2016, 32, 12923-12933.	1.6	9
6	Mitochondrial dysfunction in fibroblasts derived from patients with Niemann-Pick type C disease. Archives of Biochemistry and Biophysics, 2016, 593, 50-59.	1.4	43
7	Recent Advances in NMR Studies of Lipids. Annual Reports on NMR Spectroscopy, 2015, 85, 195-246.	0.7	4
8	NMR of lipids. Nuclear Magnetic Resonance, 2015, , 385-406.	0.1	2
9	Chapter 9. NMR of lipids. Nuclear Magnetic Resonance, 2014, , 378-400.	0.1	2
10	Exploring NMR methods as a tool to select suitable fluorescent nucleotide analogues. Organic and Biomolecular Chemistry, 2013, 11, 5332.	1.5	6
11	Interaction of AnxA6 with isolated and artificial lipid microdomains; importance of lipid composition and calcium content. Molecular BioSystems, 2013, 9, 668.	2.9	7
12	Phospholipases of Mineralization Competent Cells and Matrix Vesicles: Roles in Physiological and Pathological Mineralizations. International Journal of Molecular Sciences, 2013, 14, 5036-5129.	1.8	55
13	NMR of lipids. Nuclear Magnetic Resonance, 2013, , 362-382.	0.1	3
14	Do annexins participate in lipid messenger mediated intracellular signaling? A question revisited. Molecular Membrane Biology, 2012, 29, 229-242.	2.0	36
15	Impaired dynamics of the late endosome/lysosome compartment in human Niemannâ€“Pick type C skin fibroblasts carrying mutation in NPC1 gene. Molecular BioSystems, 2012, 8, 1197.	2.9	20
16	Annexins as organizers of cholesterol- and sphingomyelin-enriched membrane microdomains in Niemann-Pick type C disease. Cellular and Molecular Life Sciences, 2012, 69, 1773-1785.	2.4	23
17	Annexin A6 is recruited into lipid rafts of Niemannâ€“Pick type C disease fibroblasts in a Ca2+-dependent manner. Biochemical and Biophysical Research Communications, 2011, 405, 192-196.	1.0	17
18	Interaction of annexin A6 with cholesterol rich membranes is pH-dependent and mediated by the sterol OH. Journal of Colloid and Interface Science, 2010, 346, 436-441.	5.0	25

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19	Characterization of caged compounds binding to proteins by NMR spectroscopy. Biochemical and Biophysical Research Communications, 2010, 400, 447-451.	1.0	2
20	Cholesterol as a factor regulating intracellular localization of annexin A6 in Niemannâ€“Pick type C human skin fibroblasts. Archives of Biochemistry and Biophysics, 2010, 493, 221-233.	1.4	25
21	Annexin-A6 presents two modes of association with phospholipid membranes. A combined QCM-D, AFM and cryo-TEM study. Journal of Structural Biology, 2009, 168, 107-116.	1.3	44
22	Calciumâ€•and pHâ€dependent localization of annexin A6 isoforms in Balb/3T3 fibroblasts reflecting their potential participation in vesicular transport. Journal of Cellular Biochemistry, 2008, 104, 418-434.	1.2	19
23	Extracellular ATP and its effects on physiological and pathological mineralization. Current Opinion in Orthopaedics, 2007, 18, 460-466.	0.3	5
24	Temperature dependence of ligandâ€“protein complex formation as reflected by saturation transfer difference NMR experiments. Magnetic Resonance in Chemistry, 2007, 45, 745-748.	1.1	27
25	Calcium- and proton-dependent relocation of annexin A6 in Jurkat T cells stimulated for interleukin-2 secretion.. Acta Biochimica Polonica, 2007, 54, 261-271.	0.3	8
26	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. Biochemistry, 2006, 45, 4965-4973.	1.2	20
27	A novel retinoid binding property of human annexin A6. FEBS Letters, 2006, 580, 3065-3069.	1.3	2
28	Probing nucleotide binding site of annexin A6. Vibrational Spectroscopy, 2004, 36, 233-236.	1.2	2
29	Structure of Human Annexin A6 at the Air-Water Interface and in a Membrane-Bound State. Biophysical Journal, 2004, 87, 1215-1226.	0.2	21
30	A Putative Consensus Sequence for the Nucleotide-Binding Site of Annexin A6â€. Biochemistry, 2003, 42, 9137-9146.	1.2	24
31	GTP-Induced Membrane Binding and Ion Channel Activity of Annexin VI: Is Annexin VI a GTP Biosensor?. Biophysical Journal, 2002, 82, 2737-2745.	0.2	28
32	Annexins as Neuroprotective Agents in the Central Nervous System. Current Medicinal Chemistry - Central Nervous System Agents, 2002, 2, 87-107.	0.6	0
33	N- and C-Terminal Halves of Human Annexin VI Differ in Ability to Form Low pH-Induced Ion Channels. Biochemical and Biophysical Research Communications, 2001, 284, 785-791.	1.0	18
34	UDP hydrolase activity associated with the porcine liver annexin fraction. Biochimica Et Biophysica Acta - General Subjects, 2001, 1526, 70-76.	1.1	2
35	Conformational states of annexin VI in solution induced by acidic pH. FEBS Letters, 2001, 496, 49-54.	1.3	40
36	Annexins as nucleotide-binding proteins: Facts and speculations. BioEssays, 2001, 23, 170-178.	1.2	28

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37	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. FASEB Journal, 2001, 15, 1083-1085.	0.2	47
38	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. FASEB Journal, 2001, 15, 1083-1085.	0.2	7
39	Novel Function of Human RLIP76:Â ATP-Dependent Transport of Glutathione Conjugates and Doxorubicinâ€. Biochemistry, 2000, 39, 9327-9334.	1.2	163
40	Mechanisms for xenobiotic transport in biological membranes. Toxicology Letters, 1999, 106, 107-118.	0.4	15
41	ATP-Dependent Human Erythrocyte Glutathione-Conjugate Transporter. II. Functional Reconstitution of Transport Activityâ€. Biochemistry, 1998, 37, 5239-5248.	1.2	51
42	ATP-Dependent Human Erythrocyte Glutathione-Conjugate Transporter. I. Purification, Photoaffinity Labeling, and Kinetic Characteristics of ATPase Activityâ€. Biochemistry, 1998, 37, 5231-5238.	1.2	47
43	Fluorescence Spectroscopic Studies on Interactions between Liver Annexin VI and Nucleotides. A Possible Role for a Tryptophan Residue. FEBS Journal, 1997, 248, 238-244.	0.2	21
44	Rabbit Aorta GlutathioneS-Transferases and Their Role in Bioactivation of Trinitroglycerin. Toxicology and Applied Pharmacology, 1996, 140, 378-386.	1.3	23
45	Naturally Occurring Human Glutathione S-transferase GSTP1-1 Isoforms with Isoleucine and Valine in Position 104 Differ in Enzymic Properties. FEBS Journal, 1994, 224, 893-899.	0.2	389
46	Topoisomerase I in actively growing plasmodia and during differentiation of the slime mold Physarum polycephalum. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1088, 36-40.	2.4	5