Dixon J Woodbury

List of Publications by Year
in descending order

25	613	623734	642732
papers	citations	14 h-index	23 g-index

25	25	25	754
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Cavitation in Liposome Formation. Biophysical Journal, 2007, 93, 4100-4107.	0.5	87
2	SNARE Complex Regulation by Phosphorylation. Cell Biochemistry and Biophysics, 2006, 45, 111-124.	1.8	81
3	Reducing Liposome Size with Ultrasound: Bimodal Size Distributions. Journal of Liposome Research, 2006, 16, 57-80.	3.3	75
4	Proton Transport through Influenza A Virus M2 Protein Reconstituted in Vesicles. Biophysical Journal, 2008, 94, 434-445.	0.5	55
5	Pure lipid vesicles can induce channel-like conductances in planar bilayers. Journal of Membrane Biology, 1989, 109, 145-150.	2.1	38
6	[17] Nystatin/ergosterol method for reconstituting ion channels into planar lipid bilayers. Methods in Enzymology, 1999, 294, 319-339.	1.0	35
7	THE t-SNARE SYNTAXIN IS SUFFICIENT FOR SPONTANEOUS FUSION OF SYNAPTIC VESICLES TO PLANAR MEMBRANES. Cell Biology International, 2000, 24, 809-818.	3.0	33
8	Vesicle fusion to planar membranes is enhanced by cholesterol and low temperature. Chemistry and Physics of Lipids, 2013, 166, 45-54.	3.2	30
9	Evidence that Nystatin Channels Form at the Boundaries, Not the Interiors of Lipid Domains. Biophysical Journal, 2006, 91, 1116-1127.	0.5	26
10	Evaluation of the evidence for ion channels in synaptic vesicles (Review). Molecular Membrane Biology, 1995, 12, 165-171.	2.0	25
11	Determination of Proton Flux and Conductance at pH 6.8 through Single Fo Sectors from Escherichia coli. Biophysical Journal, 2004, 87, 3594-3599.	0.5	20
12	Drunken Membranes: Short-Chain Alcohols Alter Fusion of Liposomes to Planar Lipid Bilayers. Biophysical Journal, 2017, 112, 121-132.	0.5	19
13	Syntaxin 1A Drives Fusion of Large Dense-Core Neurosecretory Granules Into a Planar Lipid Bilayer. Cell Biochemistry and Biophysics, 2004, 41, 011-024.	1.8	17
14	Chemomechanical Regulation of SNARE Proteins Studied with Molecular Dynamics Simulations. Biophysical Journal, 2010, 99, 1221-1230.	0.5	17
15	Functional ryanodine receptors in the membranes of neurohypophysial secretory granules. Journal of General Physiology, 2014, 143, 693-702.	1.9	15
16	Release of ATP from Cholinergic Synaptic Vesicles during Freeze-Thaw Cycling. Cryobiology, 1994, 31, 279-289.	0.7	9
17	Building a bilayer model of the neuromuscular synapse. Cell Biochemistry and Biophysics, 1999, 30, 303-329.	1.8	9
18	Characterization of Reconstituted F_o from Wild-Type Escherichia Coli and Identification of Two Other Fluxes Co-Purifying with F_o. Cell Biochemistry and Biophysics, 2001, 34, 305-320.	1.8	8

#	Article	IF	Citations
19	Plasma membrane calcium ATPase in synaptic terminals of chick Edinger-Westphal neurons. Brain Research, 1996, 734, 193-202.	2.2	5
20	Advantages and disadvantages of patch clamping versus using BLM. Membrane Science and Technology, 2003, 7, 699-721.	0.5	4
21	Chapter 10 SNARE-Induced Fusion of Vesicles to a Planar Bilayer. Behavior Research Methods, 2006, , 285-311.	4.0	3
22	An assay to quantitate reducible cysteines from nanograms of GST-fusion proteins. Analytical Biochemistry, 2011, 417, 165-173.	2.4	1
23	Is it Zippered? Does it Flare? That Darn Complexin Clamping SNARE. Biophysical Journal, 2013, 105, 835-836.	0.5	1
24	Resolving double disulfide bond patterns in SNAP25B using liquid chromatographyâ€“ion trap mass spectrometry. Journal of Mass Spectrometry, 2013, 48, 660-668.	1.6	0
25	Oxidation of SNAP25â€“Syntaxin complex reduce its stability and prevents refolding. FASEB Journal, 2012, 26, 692.6.	0.5	0