

J Malcolm East

List of Publications by Year in descending order

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75
papers

3,063
citations

168829

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175968

55
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75
all docs

75
docs citations

75
times ranked

2636
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of sarcolipin over-expression in mouse skeletal muscle on metabolic activity. Archives of Biochemistry and Biophysics, 2015, 569, 26-31.	1.4	14
2	Multiple Binding Sites for Fatty Acids on the Potassium Channel KcsA. Biochemistry, 2012, 51, 2889-2898.	1.2	10
3	Characterizing the Fatty Acid Binding Site in the Cavity of Potassium Channel KcsA. Biochemistry, 2012, 51, 7996-8002.	1.2	13
4	Effects of Lipid Structure on the State of Aggregation of Potassium Channel KcsA. Biochemistry, 2012, 51, 6010-6016.	1.2	5
5	Retrieval from the ER-golgi intermediate compartment is key to the targeting of c-terminally anchored ER-resident proteins. Journal of Cellular Biochemistry, 2011, 112, 3543-3548.	1.2	13
6	Recent Advances in Membrane Biochemistry. Biochemical Society Transactions, 2011, 39, 703-706.	1.6	1
7	A diversity of SERCA Ca ²⁺ pump inhibitors. Biochemical Society Transactions, 2011, 39, 789-797.	1.6	125
8	The localization of the ER retrieval sequence for the calcium pump SERCA1. Molecular Membrane Biology, 2011, 28, 216-226.	2.0	4
9	Effect of Artemisinins and Amino Alcohol Partner Antimalarials on Mammalian Sarcoendoplasmic Reticulum Calcium Adenosine Triphosphatase Activity. Basic and Clinical Pharmacology and Toxicology, 2008, 103, 209-213.	1.2	17
10	Binding of Anionic Lipids to at Least Three Nonannular Sites on the Potassium Channel KcsA is Required for Channel Opening. Biophysical Journal, 2008, 94, 1689-1698.	0.2	121
11	Anionic Phospholipids Affect the Rate and Extent of Flux through the Mechanosensitive Channel of Large Conductance MscL. Biochemistry, 2008, 47, 4317-4328.	1.2	57
12	Importance of Direct Interactions with Lipids for the Function of the Mechanosensitive Channel MscL. Biochemistry, 2008, 47, 12175-12184.	1.2	59
13	Phospholamban and sarcolipin are maintained in the endoplasmic reticulum by retrieval from the ER-Golgi intermediate compartment. Cardiovascular Research, 2007, 74, 114-123.	1.8	13
14	A Fluorescence Method To Define Transmembrane α -Helices in Membrane Proteins: Studies with Bacterial Diacylglycerol Kinase. Biochemistry, 2007, 46, 10950-10959.	1.2	10
15	Penetration of Lipid Chains into Transmembrane Surfaces of Membrane Proteins: Studies with MscL. Biophysical Journal, 2007, 92, 3556-3563.	0.2	19
16	Different Effects of Lipid Chain Length on the Two Sides of a Membrane and the Lipid Annulus of MscL. Biophysical Journal, 2007, 93, 113-122.	0.2	35
17	Fluorescence Quenching Methods to Study Lipid-Protein Interactions. Current Protocols in Protein Science, 2006, 45, Unit 19.12.	2.8	15
18	The Presence of Sarcolipin Results in Increased Heat Production by Ca ²⁺ -ATPase. Journal of Biological Chemistry, 2006, 281, 36597-36602.	1.6	96

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19	Identification of the Hydrophobic Thickness of a Membrane Protein Using Fluorescence Spectroscopy: A Study with the Mechanosensitive Channel MscL. <i>Biochemistry</i> , 2005, 44, 5713-5721.	1.2	54
20	The Interfacial Lipid Binding Site on the Potassium Channel KcsA Is Specific for Anionic Phospholipids. <i>Biophysical Journal</i> , 2005, 89, 4081-4089.	0.2	60
21	Heterogeneity in the Binding of Lipid Molecules to the Surface of a Membrane Protein: A Hot Spots for Anionic Lipids on the Mechanosensitive Channel of Large Conductance MscL and Effects on Conformation. <i>Biochemistry</i> , 2005, 44, 5873-5883.	1.2	85
22	Lipid-Protein Interactions Studied by Introduction of a Tryptophan Residue: The Mechanosensitive Channel MscL. <i>Biochemistry</i> , 2003, 42, 14306-14317.	1.2	97
23	The Role of Tryptophan Residues in an Integral Membrane Protein: A Diacylglycerol Kinase. <i>Biochemistry</i> , 2003, 42, 11065-11073.	1.2	31
24	Interactions of Anionic Phospholipids and Phosphatidylethanolamine with the Potassium Channel KcsA. <i>Biophysical Journal</i> , 2003, 85, 3828-3838.	0.2	61
25	Sarco/endoplasmic-reticulum calcium ATPase SERCA1 is maintained in the endoplasmic reticulum by a retrieval signal located between residues 1 and 211. <i>Biochemical Journal</i> , 2003, 371, 775-782.	1.7	13
26	Sarcolipin uncouples hydrolysis of ATP from accumulation of Ca ²⁺ by the Ca ²⁺ -ATPase of skeletal-muscle sarcoplasmic reticulum. <i>Biochemical Journal</i> , 2002, 361, 277.	1.7	74
27	Sarcolipin uncouples hydrolysis of ATP from accumulation of Ca ²⁺ by the Ca ²⁺ -ATPase of skeletal-muscle sarcoplasmic reticulum. <i>Biochemical Journal</i> , 2002, 361, 277-286.	1.7	123
28	Evidence for a Global Inhibitor-Induced Conformation Change on the Ca ²⁺ -ATPase of Sarcoplasmic Reticulum from Paired Inhibitor Studies. <i>Biochemistry</i> , 2002, 41, 2869-2875.	1.2	20
29	Interactions of Phospholipids with the Potassium Channel KcsA. <i>Biophysical Journal</i> , 2002, 83, 2026-2038.	0.2	95
30	Self-Association of Model Transmembrane α -Helices Is Modulated by Lipid Structure. <i>Biochemistry</i> , 2001, 40, 12379-12386.	1.2	79
31	Effects of Phospholipid Headgroup and Phase on the Activity of Diacylglycerol Kinase of <i>Escherichia coli</i> . <i>Biochemistry</i> , 2001, 40, 14891-14897.	1.2	26
32	Effects of Bilayer Thickness on the Activity of Diacylglycerol Kinase of <i>Escherichia coli</i> . <i>Biochemistry</i> , 2001, 40, 8188-8195.	1.2	65
33	What the structure of a calcium pump tells us about its mechanism. <i>Biochemical Journal</i> , 2001, 356, 665.	1.7	68
34	What the structure of a calcium pump tells us about its mechanism. <i>Biochemical Journal</i> , 2001, 356, 665-683.	1.7	109
35	Curcumin, a Molecule That Inhibits the Ca ²⁺ -ATPase of Sarcoplasmic Reticulum but Increases the Rate of Accumulation of Ca ²⁺ . <i>Journal of Biological Chemistry</i> , 2001, 276, 46905-46911.	1.6	73
36	Expression and Functional Characterization of a <i>Plasmodium falciparum</i> Ca ²⁺ -ATPase (PfATP4) Belonging to a Subclass Unique to Apicomplexan Organisms. <i>Journal of Biological Chemistry</i> , 2001, 276, 10782-10787.	1.6	89

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37	Selectivity in Lipid Binding to the Bacterial Outer Membrane Protein OmpF. <i>Biophysical Journal</i> , 2000, 79, 2066-2074.	0.2	78
38	Sarco(endo)plasmic reticulum calcium pumps: recent advances in our understanding of structure/function and biology (Review). <i>Molecular Membrane Biology</i> , 2000, 17, 189-200.	2.0	83
39	Effects of Aromatic Residues at the Ends of Transmembrane α -Helices on Helix Interactions with Lipid Bilayers. <i>Biochemistry</i> , 2000, 39, 2071-2078.	1.2	61
40	Lipid-protein interactions in the membrane: Studies with model peptides. <i>Faraday Discussions</i> , 1999, 111, 127-136.	1.6	20
41	Anionic phospholipids decrease the rate of slippage on the Ca^{2+} -ATPase of sarcoplasmic reticulum. <i>Biochemical Journal</i> , 1999, 342, 431-438.	1.7	32
42	Hydrophobic Mismatch and the Incorporation of Peptides into Lipid Bilayers: A Possible Mechanism for Retention in the Golgi. <i>Biochemistry</i> , 1998, 37, 673-679.	1.2	133
43	Interaction of phosphatidic acid and phosphatidylserine with the Ca^{2+} -ATPase of sarcoplasmic reticulum and the mechanism of inhibition. <i>Biochemical Journal</i> , 1998, 329, 637-646.	1.7	44
44	Anionic lipids and accumulation of Ca^{2+} by a Ca^{2+} -ATPase. <i>Biochemical Society Transactions</i> , 1998, 26, S234-S234.	1.6	1
45	Localization of endoplasmic reticulum in living cells using green fluorescent protein chimeras. <i>Biochemical Society Transactions</i> , 1998, 26, S298-S298.	1.6	0
46	Identification of endoplasmic reticulum targeting signals using SERCA/PMCA chimeras. <i>Biochemical Society Transactions</i> , 1998, 26, S299-S299.	1.6	1
47	Mutational analysis of trans-membrane helices M3, M4, M5 and M7 of the fast-twitch Ca^{2+} -ATPase. <i>Biochemical Journal</i> , 1998, 335, 131-138.	1.7	8
48	Effects of pH on phosphorylation of the Ca^{2+} -ATPase of sarcoplasmic reticulum by inorganic phosphate. <i>Biochemical Journal</i> , 1997, 321, 671-676.	1.7	11
49	Location of endoplasmic reticulum relative to sarcoplasmic reticulum in cultured chick myotubes. <i>Biochemical Society Transactions</i> , 1997, 25, 9S-9S.	1.6	0
50	The mechanism of inhibition of the Ca^{2+} -ATPase of skeletal-muscle sarcoplasmic reticulum by the cross-linker o-phthalaldehyde. <i>Biochemical Journal</i> , 1996, 317, 439-445.	1.7	4
51	Effects of phosphatidylethanolamines on the activity of the Ca^{2+} -ATPase of sarcoplasmic reticulum. <i>Biochemical Journal</i> , 1996, 320, 309-314.	1.7	36
52	Stimulation of the Ca^{2+} -ATPase of sarcoplasmic reticulum by disulfiram. <i>Biochemical Journal</i> , 1996, 320, 101-105.	1.7	10
53	Lipid structure and Ca^{2+} -ATPase function. <i>Bioscience Reports</i> , 1995, 15, 289-298.	1.1	31
54	Phosphatidylinositol 4-Phosphate Increases the Rate of Dephosphorylation of the Phosphorylated Ca^{2+} -ATPase. <i>Journal of Biological Chemistry</i> , 1995, 270, 14467-14470.	1.6	15

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55	Purification of a Membrane Protein (Ca ²⁺ /Mg ²⁺ -ATPase) and Its Reconstitution into Lipid Vesicles. , 1994, 27, 87-94.		5
56	Lipid-protein interactions and Ca ²⁺ -ATPase function. Biochemical Society Transactions, 1994, 22, 821-825.	1.6	17
57	Chapter 11 The (Ca ²⁺ -Mg ²⁺)-ATPase and other membrane proteins: what reconstitution tells us about the biological membrane. New Comprehensive Biochemistry, 1993, 25, 259-299.	0.1	5
58	Studies of the structure and function of sarcoplasmic reticulum (Ca ²⁺ -Mg ²⁺)-ATPase using immunological approaches. Biochemical Society Transactions, 1992, 20, 550-554.	1.6	3
59	Definition of an epitope at the nucleotide binding site of the (Ca ²⁺ -Mg ²⁺)-ATPase of sarcoplasmic reticulum by fluorescein labelling. Biochemical Society Transactions, 1992, 20, 123S-123S.	1.6	0
60	An examination of the transmembranous organisation of the sarcoplasmic reticulum (Ca ²⁺ -Mg ²⁺)-ATPase using antipeptide antibodies. Biochemical Society Transactions, 1992, 20, 308S-308S.	1.6	0
61	The effect of a monoclonal antibody on specific steps of the reaction sequence of the (Ca ²⁺ -Mg ²⁺)-ATPase from sarcoplasmic reticulum. Biochemical Society Transactions, 1991, 19, 205S-205S.	1.6	0
62	Interactions of insecticides with biological membranes. Pest Management Science, 1991, 32, 317-327.	0.7	55
63	Effect of the detergent C12E8 on the binding of monoclonal antibodies to the (Ca ²⁺ -Mg ²⁺)-ATPase of rabbit skeletal sarcoplasmic reticulum. Biochemical Society Transactions, 1990, 18, 603-603.	1.6	2
64	Distribution of two distinct Ca ²⁺ -ATPase-like proteins and their relationships to the agonist-sensitive calcium store in adrenal chromaff in cells. Nature, 1989, 342, 72-74.	13.7	205
65	Reconstitution of the purified sarcoplasmic reticulum Ca ²⁺ , Mg ²⁺ -ATPase. Biochemical Society Transactions, 1989, 17, 504-505.	1.6	0
66	Use of anti-peptide antibodies to study the transmembranous topography and structure-activity relationships of (Ca ²⁺ -Mg ²⁺)-ATPase. Biochemical Society Transactions, 1989, 17, 708-709.	1.6	3
67	Tests for the importance of fluidity for the function of membrane proteins. Biochemical Society Transactions, 1989, 17, 962-964.	1.6	22
68	Interaction of sterols with phospholipid bilayers and the (Ca ²⁺ -Mg ²⁺)-ATPase. Biochemical Society Transactions, 1989, 17, 1095-1096.	1.6	4
69	Use of antibodies to detect chemically cross-linked products from sarcoplasmic reticulum. Biochemical Society Transactions, 1989, 17, 1103-1104.	1.6	0
70	Probing the nucleotide binding site of sarcoplasmic reticulum (Ca ²⁺ -Mg ²⁺)-ATPase with anti-fluorescein antibodies. Biochemical Society Transactions, 1989, 17, 1105-1106.	1.6	0
71	Effect of monoclonal antibodies raised against Ca ²⁺ ,Mg ²⁺ -ATPase from rabbit skeletal muscle sarcoplasmic reticulum on ATPase activity and its correlation with epitope location. Biochemical Society Transactions, 1988, 16, 771-772.	1.6	0
72	Inhibition of sarcoplasmic reticulum calcium pump by monoclonal antibodies. Biochemical Society Transactions, 1987, 15, 464-465.	1.6	2

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73	Lipid selectivity of the calcium and magnesium ion dependent adenosine triphosphatase, studied with fluorescence quenching by a brominated phospholipid. <i>Biochemistry</i> , 1982, 21, 4144-4151.	1.2	284
74	Transport of GABA, γ -Alanine and Glutamate into Perikarya of Postnatal Rat Cerebellum. <i>Journal of Neurochemistry</i> , 1980, 34, 523-530.	2.1	20
75	Muscarinic Binding Sites in Developing Normal and Mutant Mouse Cerebellum. <i>Journal of Neurochemistry</i> , 1980, 34, 657-661.	2.1	19