

# Kathleen P Howard

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

335  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

295  
citing authors

#	ARTICLE	IF	CITATIONS
1	The conformation of the pore region of the M2 proton channel depends on lipid bilayer environment. <i>Protein Science</i> , 2005, 14, 856-861.	7.6	91
2	pH-Induced Conformational Change of the Influenza M2 Protein C-Terminal Domain. <i>Biochemistry</i> , 2008, 47, 9934-9936.	2.5	62
3	Cholesterol-Dependent Conformational Exchange of the C-Terminal Domain of the Influenza A M2 Protein. <i>Biochemistry</i> , 2015, 54, 7157-7167.	2.5	36
4	Magnetically Oriented Phospholipid Bilayers for Spin Label EPR Studies. <i>Journal of the American Chemical Society</i> , 1999, 121, 3240-3241.	13.7	32
5	Magnetically Aligned Phospholipid Bilayers at the Parallel and Perpendicular Orientations for X-Band Spin-Label EPR Studies. <i>Journal of the American Chemical Society</i> , 2001, 123, 2913-2914.	13.7	32
6	Influenza A M2 protein conformation depends on choice of model membrane. <i>Biopolymers</i> , 2015, 104, 405-411.	2.4	20
7	Detection of drug-induced conformational change of a transmembrane protein in lipid bilayers using site-directed spin labeling. <i>Protein Science</i> , 2013, 22, 65-73.	7.6	19
8	A Budding-Defective M2 Mutant Exhibits Reduced Membrane Interaction, Insensitivity to Cholesterol, and Perturbed Interdomain Coupling. <i>Biochemistry</i> , 2017, 56, 5955-5963.	2.5	15
9	C-terminal juxtamembrane region of full-length M2 protein forms a membrane surface associated amphipathic helix. <i>Protein Science</i> , 2015, 24, 426-429.	7.6	11
10	Optimization of Detergent-Mediated Reconstitution of Influenza A M2 Protein into Proteoliposomes. <i>Membranes</i> , 2018, 8, 103.	3.0	11
11	The distal cytoplasmic tail of the influenza A M2 protein dynamically extends from the membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 1421-1427.	2.6	5
12	Probing the Phase Behavior of Membrane Bilayers Using <sup>31</sup> P NMR Spectroscopy. <i>ACS Symposium Series</i> , 2007, , 234-244.	0.5	1