Stephanie Bleicken

List of Publications by Year in descending order

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STEDHANIE RIFICKEN

#	Article	IF	CITATIONS
1	Biophysical Characterization of Pro-apoptotic BimBH3 Peptides Reveals an Unexpected Capacity for Self-Association. Structure, 2021, 29, 114-124.e3.	3.3	10
2	<i>gem</i> â€Diethyl Pyrroline Nitroxide Spin Labels: Synthesis, EPR Characterization, Rotamer Libraries and Biocompatibility. ChemistryOpen, 2019, 8, 1035-1035.	1.9	9
3	A new perspective on membrane-embedded Bax oligomers using DEER and bioresistant orthogonal spin labels. Scientific Reports, 2019, 9, 13013.	3.3	24
4	<i>gem</i> â€Ðiethyl Pyrroline Nitroxide Spin Labels: Synthesis, EPR Characterization, Rotamer Libraries and Biocompatibility. ChemistryOpen, 2019, 8, 1057-1065.	1.9	30
5	New limits of sensitivity of site-directed spin labeling electron paramagnetic resonance for membrane proteins. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 841-853.	2.6	34
6	Bcl-2 proteins: Unraveling the details of a complex and dynamic network. Molecular and Cellular Oncology, 2018, 5, e1384880.	0.7	2
7	Topology of active, membrane-embedded Bax in the context of a toroidal pore. Cell Death and Differentiation, 2018, 25, 1717-1731.	11.2	35
8	The membrane activity of BOK involves formation of large, stable toroidal pores and is promoted by cBID. FEBS Journal, 2017, 284, 711-724.	4.7	37
9	Quantitative interactome of a membrane Bcl-2 network identifies a hierarchy of complexes for apoptosis regulation. Nature Communications, 2017, 8, 73.	12.8	54
10	Pushing the size limit of de novo structure ensemble prediction guided by sparse SDSL-EPR restraints to 200 residues: The monomeric and homodimeric forms of BAX. Journal of Structural Biology, 2016, 195, 62-71.	2.8	14
11	Formation of Disulfide Bridges Drives Oligomerization, Membrane Pore Formation, and Translocation of Fibroblast Growth Factor 2 to Cell Surfaces. Journal of Biological Chemistry, 2015, 290, 8925-8937.	3.4	51
12	Bax monomers form dimer units in the membrane that further self-assemble into multiple oligomeric species. Nature Communications, 2015, 6, 8042.	12.8	140
13	Structural Model of Active Bax at the Membrane. Molecular Cell, 2014, 56, 496-505.	9.7	190
14	Automated analysis of giant unilamellar vesicles using circular Hough transformation. Bioinformatics, 2014, 30, 1747-1754.	4.1	24
15	New Biophysical Methods to Study the Membrane Activity of Bcl-2 Proteins. Methods in Molecular Biology, 2014, 1176, 191-207.	0.9	5
16	Proapoptotic Bax and Bak Proteins Form Stable Protein-permeable Pores of Tunable Size. Journal of Biological Chemistry, 2013, 288, 33241-33252.	3.4	127
17	Mechanistic Differences in the Membrane Activity of Bax and Bcl-xL Correlate with Their Opposing Roles in Apoptosis. Biophysical Journal, 2013, 104, 421-431.	0.5	74
18	Dynamic Interaction of cBid with Detergents, Liposomes and Mitochondria. PLoS ONE, 2012, 7, e35910.	2.5	28

#	Article	IF	CITATIONS
19	Molecular Details of Bax Activation, Oligomerization, and Membrane Insertion. Journal of Biological Chemistry, 2010, 285, 6636-6647.	3.4	159
20	Conformational changes and protein stability of the pro-apoptotic protein Bax. Journal of Bioenergetics and Biomembranes, 2009, 41, 29-40.	2.3	24