

Stephanie Bleicken

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,074
citations

643344

15
h-index

799663

21
g-index

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all docs

22
docs citations

22
times ranked

1375
citing authors

#	ARTICLE	IF	CITATIONS
1	Biophysical Characterization of Pro-apoptotic BimBH3 Peptides Reveals an Unexpected Capacity for Self-Association. <i>Structure</i> , 2021, 29, 114-124.e3.	1.6	10
2	<i>gem</i>â€œDiethyl Pyrroline Nitroxide Spin Labels: Synthesis, EPR Characterization, Rotamer Libraries and Biocompatibility. <i>ChemistryOpen</i> , 2019, 8, 1035-1035.	0.9	9
3	A new perspective on membrane-embedded Bax oligomers using DEER and bioresistant orthogonal spin labels. <i>Scientific Reports</i> , 2019, 9, 13013.	1.6	24
4	<i>gem</i>â€œDiethyl Pyrroline Nitroxide Spin Labels: Synthesis, EPR Characterization, Rotamer Libraries and Biocompatibility. <i>ChemistryOpen</i> , 2019, 8, 1057-1065.	0.9	30
5	New limits of sensitivity of site-directed spin labeling electron paramagnetic resonance for membrane proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 841-853.	1.4	34
6	Bcl-2 proteins: Unraveling the details of a complex and dynamic network. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1384880.	0.3	2
7	Topology of active, membrane-embedded Bax in the context of a toroidal pore. <i>Cell Death and Differentiation</i> , 2018, 25, 1717-1731.	5.0	35
8	The membrane activity of BOK involves formation of large, stable toroidal pores and is promoted by cBID. <i>FEBS Journal</i> , 2017, 284, 711-724.	2.2	37
9	Quantitative interactome of a membrane Bcl-2 network identifies a hierarchy of complexes for apoptosis regulation. <i>Nature Communications</i> , 2017, 8, 73.	5.8	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. <i>Journal of Structural Biology</i> , 2016, 195, 62-71.	1.3	14
11	Formation of Disulfide Bridges Drives Oligomerization, Membrane Pore Formation, and Translocation of Fibroblast Growth Factor 2 to Cell Surfaces. <i>Journal of Biological Chemistry</i> , 2015, 290, 8925-8937.	1.6	51
12	Bax monomers form dimer units in the membrane that further self-assemble into multiple oligomeric species. <i>Nature Communications</i> , 2015, 6, 8042.	5.8	140
13	Structural Model of Active Bax at the Membrane. <i>Molecular Cell</i> , 2014, 56, 496-505.	4.5	190
14	Automated analysis of giant unilamellar vesicles using circular Hough transformation. <i>Bioinformatics</i> , 2014, 30, 1747-1754.	1.8	24
15	New Biophysical Methods to Study the Membrane Activity of Bcl-2 Proteins. <i>Methods in Molecular Biology</i> , 2014, 1176, 191-207.	0.4	5
16	Proapoptotic Bax and Bak Proteins Form Stable Protein-permeable Pores of Tunable Size. <i>Journal of Biological Chemistry</i> , 2013, 288, 33241-33252.	1.6	127
17	Mechanistic Differences in the Membrane Activity of Bax and Bcl-xL Correlate with Their Opposing Roles in Apoptosis. <i>Biophysical Journal</i> , 2013, 104, 421-431.	0.2	74
18	Dynamic Interaction of cBid with Detergents, Liposomes and Mitochondria. <i>PLoS ONE</i> , 2012, 7, e35910.	1.1	28

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19	Molecular Details of Bax Activation, Oligomerization, and Membrane Insertion. Journal of Biological Chemistry, 2010, 285, 6636-6647.	1.6	159
20	Conformational changes and protein stability of the pro-apoptotic protein Bax. Journal of Bioenergetics and Biomembranes, 2009, 41, 29-40.	1.0	24