

Donald D Newmeyer

List of Publications by Year in descending order

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14
papers

10,903
citations

686830

13
h-index

1058022

14
g-index

14
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14
docs citations

14
times ranked

11279
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption of mitochondrial quality control genes promotes caspase-resistant cell survival following apoptotic stimuli. <i>Journal of Biological Chemistry</i> , 2022, 298, 101835.	1.6	1
2	Mitochondrial residence of the apoptosis inducer BAX is more important than BAX oligomerization in promoting membrane permeabilization. <i>Journal of Biological Chemistry</i> , 2020, 295, 1623-1636.	1.6	40
3	Phenotypic selection with an intrabody library reveals an anti-apoptotic function of PKM2 requiring Mitofusin-1. <i>PLoS Biology</i> , 2019, 17, e2004413.	2.6	14
4	Pro-apoptotic Bax molecules densely populate the edges of membrane pores. <i>Scientific Reports</i> , 2016, 6, 27299.	1.6	44
5	Visual and functional demonstration of growing Bax-induced pores in mitochondrial outer membranes. <i>Molecular Biology of the Cell</i> , 2015, 26, 339-349.	0.9	48
6	Mitochondrial Shape Governs BAX-Induced Membrane Permeabilization and Apoptosis. <i>Molecular Cell</i> , 2015, 57, 69-82.	4.5	174
7	Bax Activation Initiates the Assembly of a Multimeric Catalyst that Facilitates Bax Pore Formation in Mitochondrial Outer Membranes. <i>PLoS Biology</i> , 2012, 10, e1001394.	2.6	85
8	Opa1-Mediated Cristae Opening Is Bax/Bak and BH3 Dependent, Required for Apoptosis, and Independent of Bak Oligomerization. <i>Molecular Cell</i> , 2008, 31, 557-569.	4.5	248
9	BH3 Domains of BH3-Only Proteins Differentially Regulate Bax-Mediated Mitochondrial Membrane Permeabilization Both Directly and Indirectly. <i>Molecular Cell</i> , 2005, 17, 525-535.	4.5	1,065
10	Direct Activation of Bax by p53 Mediates Mitochondrial Membrane Permeabilization and Apoptosis. <i>Science</i> , 2004, 303, 1010-1014.	6.0	2,143
11	Mitochondria. <i>Cell</i> , 2003, 112, 481-490.	13.5	1,169
12	A cytochrome c mutant with high electron transfer and antioxidant activities but devoid of apoptogenic effect. <i>Biochemical Journal</i> , 2002, 362, 749-754.	1.7	47
13	Bid, Bax, and Lipids Cooperate to Form Supramolecular Openings in the Outer Mitochondrial Membrane. <i>Cell</i> , 2002, 111, 331-342.	13.5	1,337
14	The Release of Cytochrome c from Mitochondria: A Primary Site for Bcl-2 Regulation of Apoptosis. <i>Science</i> , 1997, 275, 1132-1136.	6.0	4,488