

Guy Perkins

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

4,526
citations

430442

18
h-index

752256

20
g-index

22
all docs

22
docs citations

22
times ranked

6351
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Mitochondrial fragmentation in neurodegeneration. <i>Nature Reviews Neuroscience</i> , 2008, 9, 505-518.	4.9	842
3	Mutant huntingtin binds the mitochondrial fission GTPase dynamin-related protein-1 and increases its enzymatic activity. <i>Nature Medicine</i> , 2011, 17, 377-382.	15.2	467
4	The Pro-Apoptotic Proteins, Bid and Bax, Cause a Limited Permeabilization of the Mitochondrial Outer Membrane That Is Enhanced by Cytosol. <i>Journal of Cell Biology</i> , 1999, 147, 809-822.	2.3	312
5	Three-Dimensional Analysis of a Viral RNA Replication Complex Reveals a Virus-Induced Mini-Organelle. <i>PLoS Biology</i> , 2007, 5, e220.	2.6	257
6	Covalently Linked Au Nanoparticles to a Viral Vector: Potential for Combined Photothermal and Gene Cancer Therapy. <i>Nano Letters</i> , 2006, 6, 587-591.	4.5	250
7	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
8	Preservation of Mitochondrial Structure and Function after Bid- or Bax-Mediated Cytochrome c Release. <i>Journal of Cell Biology</i> , 2000, 150, 1027-1036.	2.3	229
9	Transform-based backprojection for volume reconstruction of large format electron microscope tilt series. <i>Journal of Structural Biology</i> , 2006, 154, 144-167.	1.3	105
10	Targeting Mcl-1 and other Bcl-2 family member proteins in cancer therapy. , 2019, 195, 13-20.		69
11	Efficient Elimination of Cancer Cells by Deoxyglucose-ABT-263/737 Combination Therapy. <i>PLoS ONE</i> , 2011, 6, e24102.	1.1	65
12	A thermodynamic model describing the nature of the crista junction: a structural motif in the mitochondrion. <i>Journal of Structural Biology</i> , 2002, 138, 137-144.	1.3	62
13	New insights into mitochondrial structure during cell death. <i>Experimental Neurology</i> , 2009, 218, 183-192.	2.0	61
14	Dynamics of mitochondrial structure during apoptosis and the enigma of Opa1. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 963-972.	0.5	52
15	Mitochondrial morphology provides a mechanism for energy buffering at synapses. <i>Scientific Reports</i> , 2019, 9, 18306.	1.6	52
16	Targeting cholesterol with Î²-cyclodextrin sensitizes cancer cells for apoptosis. <i>FEBS Letters</i> , 2015, 589, 4097-4105.	1.3	28
17	An Adenoviral Platform for Selective Self-Assembly and Targeted Delivery of Nanoparticles. <i>Small</i> , 2008, 4, 262-269.	5.2	27
18	Ultrastructural Modifications in the Mitochondria of Hypoxia-Adapted <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2012, 7, e45344.	1.1	25

#	ARTICLE	IF	CITATIONS
19	Animal models for studying tumor microenvironment (TME) and resistance to lymphocytic infiltration. <i>Cancer Biology and Therapy</i> , 2018, 19, 745-754.	1.5	22
20	Morphological principles of neuronal mitochondria. <i>Journal of Comparative Neurology</i> , 2022, 530, 886-902.	0.9	14
21	Deconstructing Signaling Pathways in Cancer for Optimizing Cancer Combination Therapies. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1258.	1.8	2