

C Brenner

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

8,971
citations

35
h-index

50
g-index

50
ext. papers

9,581
ext. citations

9.2
avg, IF

5.18
L-index

#	Paper	IF	Citations
49	Bax and adenine nucleotide translocator cooperate in the mitochondrial control of apoptosis. <i>Science</i> , 1998 , 281, 2027-31	33.3	918
48	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015 , 22, 58-73	12.7	643
47	Mitochondrial release of caspase-2 and -9 during the apoptotic process. <i>Journal of Experimental Medicine</i> , 1999 , 189, 381-94	16.6	633
46	The permeability transition pore complex: a target for apoptosis regulation by caspases and bcl-2-related proteins. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1261-71	16.6	610
45	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. <i>Cell Death and Differentiation</i> , 2009 , 16, 1093-107	12.7	533
44	Systems biology of cisplatin resistance: past, present and future. <i>Cell Death and Disease</i> , 2014 , 5, e1257	9.8	476
43	Endoplasmic reticulum stress induces calcium-dependent permeability transition, mitochondrial outer membrane permeabilization and apoptosis. <i>Oncogene</i> , 2008 , 27, 285-99	9.2	430
42	Subcellular and submitochondrial mode of action of Bcl-2-like oncoproteins. <i>Oncogene</i> , 1998 , 16, 2265-80	9.2	357
41	Apoptosis. Mitochondria--the death signal integrators. <i>Science</i> , 2000 , 289, 1150-1	33.3	317
40	Bcl-2 and Bax regulate the channel activity of the mitochondrial adenine nucleotide translocator. <i>Oncogene</i> , 2000 , 19, 329-36	9.2	295
39	Arsenite induces apoptosis via a direct effect on the mitochondrial permeability transition pore. <i>Experimental Cell Research</i> , 1999 , 249, 413-21	4.2	267
38	Oxidation of a critical thiol residue of the adenine nucleotide translocator enforces Bcl-2-independent permeability transition pore opening and apoptosis. <i>Oncogene</i> , 2000 , 19, 307-14	9.2	263
37	GAPDH, a novel regulator of the pro-apoptotic mitochondrial membrane permeabilization. <i>Oncogene</i> , 2007 , 26, 2606-20	9.2	262
36	Propionibacteria induce apoptosis of colorectal carcinoma cells via short-chain fatty acids acting on mitochondria. <i>Cell Death and Differentiation</i> , 2002 , 9, 179-88	12.7	251
35	Control of mitochondrial membrane permeabilization by adenine nucleotide translocator interacting with HIV-1 viral protein rR and Bcl-2. <i>Journal of Experimental Medicine</i> , 2001 , 193, 509-19	16.6	242
34	Reactive oxygen species and the mitochondrial signaling pathway of cell death. <i>Histology and Histopathology</i> , 2005 , 20, 205-19	1.4	237
33	The adenine nucleotide translocator: a target of nitric oxide, peroxynitrite, and 4-hydroxynonenal. <i>Oncogene</i> , 2001 , 20, 4305-16	9.2	232

32	Permeabilization of the mitochondrial inner membrane during apoptosis: impact of the adenine nucleotide translocator. <i>Cell Death and Differentiation</i> , 2000 , 7, 1146-54	12.7	195
31	Adenine nucleotide translocator mediates the mitochondrial membrane permeabilization induced by lonidamine, arsenite and CD437. <i>Oncogene</i> , 2001 , 20, 7579-87	9.2	174
30	Bid acts on the permeability transition pore complex to induce apoptosis. <i>Oncogene</i> , 2000 , 19, 6342-50	9.2	174
29	The permeability transition pore complex in cancer cell death. <i>Oncogene</i> , 2006 , 25, 4744-56	9.2	168
28	The thiol crosslinking agent diamide overcomes the apoptosis-inhibitory effect of Bcl-2 by enforcing mitochondrial permeability transition. <i>Oncogene</i> , 1998 , 16, 1055-63	9.2	141
27	Endoplasmic reticulum stress inhibition protects steatotic and non-steatotic livers in partial hepatectomy under ischemia-reperfusion. <i>Cell Death and Disease</i> , 2010 , 1, e52	9.8	126
26	Caspases disrupt mitochondrial membrane barrier function. <i>FEBS Letters</i> , 1998 , 427, 198-202	3.8	108
25	The protein disulfide isomerases PDIA4 and PDIA6 mediate resistance to cisplatin-induced cell death in lung adenocarcinoma. <i>Cell Death and Differentiation</i> , 2014 , 21, 685-95	12.7	80
24	A cytofluorometric assay of nuclear apoptosis induced in a cell-free system: application to ceramide-induced apoptosis. <i>Experimental Cell Research</i> , 1997 , 236, 397-403	4.2	71
23	Mitochondrial release of apoptosis-inducing factor and cytochrome c during smooth muscle cell apoptosis. <i>American Journal of Pathology</i> , 2001 , 159, 305-11	5.8	70
22	A cardiac mitochondrial cAMP signaling pathway regulates calcium accumulation, permeability transition and cell death. <i>Cell Death and Disease</i> , 2016 , 7, e2198	9.8	67
21	The central role of the mitochondrial megachannel in apoptosis: evidence obtained with intact cells, isolated mitochondria, and purified protein complexes. <i>Biomedicine and Pharmacotherapy</i> , 1998 , 52, 248-51	7.5	64
20	Ischemic preconditioning induces autophagy and limits necrosis in human recipients of fatty liver grafts, decreasing the incidence of rejection episodes. <i>Cell Death and Disease</i> , 2011 , 2, e111	9.8	62
19	Apoptosis induction by the photosensitizer verteporfin: identification of mitochondrial adenine nucleotide translocator as a critical target. <i>Cancer Research</i> , 2001 , 61, 1260-4	10.1	51
18	Mitochondrial permeability transition as a novel principle of hepatorenal toxicity in vivo. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2002 , 7, 395-405	5.4	46
17	Adenine nucleotide translocase family: four isoforms for apoptosis modulation in cancer. <i>Oncogene</i> , 2011 , 30, 883-95	9.2	43
16	HIV-1 Tat protein directly induces mitochondrial membrane permeabilization and inactivates cytochrome c oxidase. <i>Cell Death and Disease</i> , 2012 , 3, e282	9.8	43
15	Targeted Vpr-derived peptides reach mitochondria to induce apoptosis of alphaVbeta3-expressing endothelial cells. <i>Cell Death and Differentiation</i> , 2007 , 14, 422-35	12.7	42

14	Palmitoyl-carnitine increases RyR2 oxidation and sarcoplasmic reticulum Ca ²⁺ leak in cardiomyocytes: Role of adenine nucleotide translocase. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 749-58	6.9	33
13	Endoplasmic reticulum stress inhibition enhances liver tolerance to ischemia/reperfusion. <i>Current Medicinal Chemistry</i> , 2011 , 18, 2016-24	4.3	30
12	Spiralin, a mycoplasmal membrane lipoprotein, induces T-cell-independent B-cell blastogenesis and secretion of proinflammatory cytokines. <i>Infection and Immunity</i> , 1997 , 65, 4322-9	3.7	30
11	PGC-1 β mediates adaptive chemoresistance associated with mitochondrial DNA mutations. <i>Oncogene</i> , 2013 , 32, 2592-600	9.2	27
10	IGL-1 solution reduces endoplasmic reticulum stress and apoptosis in rat liver transplantation. <i>Cell Death and Disease</i> , 2012 , 3, e279	9.8	26
9	Mitochondrial membrane permeabilization by HIV-1 Vpr. <i>Mitochondrion</i> , 2004 , 4, 223-33	4.9	25
8	A revolution in apoptosis: from a nucleocentric to a mitochondriocentric perspective. <i>Experimental Gerontology</i> , 1998 , 33, 543-53	4.5	23
7	Mitochondrion: A Common Organelle for Distinct Cell Deaths?. <i>International Review of Cell and Molecular Biology</i> , 2017 , 331, 245-287	6	18
6	Conformation, pore-forming activity, and antigenicity of synthetic peptide analogues of a spiralin putative amphipathic alpha helix. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995 , 1235, 161-8	3.8	17
5	Mycoplasmas and HIV infection: from epidemiology to their interaction with immune cells. <i>Frontiers in Bioscience - Landmark</i> , 1996 , 1, e42-54	2.8	15
4	Purification and liposomal reconstitution of permeability transition pore complex. <i>Methods in Enzymology</i> , 2000 , 322, 243-52	1.7	13
3	Propionibacteria induce apoptosis of colorectal carcinoma cells via short-chain fatty acids acting on mitochondria		
2	Activation of surrogate death receptor signaling triggers peroxynitrite-dependent execution of cisplatin-resistant cancer cells. <i>Cell Death and Disease</i> , 2015 , 6, e1926	9.8	9
1	Multiple analysis of mitochondrial metabolism, autophagy and cell death. <i>Methods in Cell Biology</i> , 2021 , 164, 95-112	1.8	1