Bernard Mignotte

List of Publications by Year
in descending order

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77	8,020	147726	79644
papers	citations	31 h-index	73 g-index

80	80	80	9094
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequential reduction of mitochondrial transmembrane potential and generation of reactive oxygen species in early programmed cell death.. Journal of Experimental Medicine, 1995, 182, 367-377.	4.2	1,509
2	The biochemistry of programmed cell death. FASEB Journal, 1995, 9, 1277-1287.	0.2	972
3	Mitochondrial reactive oxygen species in cell death signaling. Biochimie, 2002, 84, 131-141.	1.3	925
4	Mitochondria and apoptosis. FEBS Journal, 1998, 252, 1-15.	0.2	676
5	Alterations in mitochondrial structure and function are early events of dexamethasone-induced thymocyte apoptosis.. Journal of Cell Biology, 1995, 130, 157-167.	2.3	575
6	The Mitochondrial Pathways of Apoptosis. Advances in Experimental Medicine and Biology, 2012, 942, 157-183.	0.8	476
7	Mitochondria and programmed cell death: back to the future. FEBS Letters, 1996, 396, 7-13.	1.3	459
8	Commitment to apoptosis is associated with changes in mitochondrial biogenesis and activity in cell lines conditionally immortalized with simian virus 40.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 11752-11756.	3.3	293
9	Adaptative metabolic response of human colonic epithelial cells to the adverse effects of the luminal compound sulfide. Biochimica Et Biophysica Acta - General Subjects, 2005, 1725, 201-212.	1.1	157
10	TNF-Î± activates at least two apoptotic signaling cascades. Oncogene, 1998, 17, 1639-1651.	2.6	142
11	Implication of mitochondria in apoptosis. Molecular and Cellular Biochemistry, 1997, 174, 185-188.	1.4	111
12	Bcl-2 and Bax mammalian regulators of apoptosis are functional in Drosophila. Cell Death and Differentiation, 2000, 7, 804-814.	5.0	109
13	Bcl-2 and Hsp27 act at different levels to suppress programmed cell death. Oncogene, 1997, 15, 347-360.	2.6	97
14	Dynamic evolution of the adenine nucleotide translocase interactome during chemotherapy-induced apoptosis. Oncogene, 2004, 23, 8049-8064.	2.6	84
15	Influence of the nitric oxide donor glyceryl trinitrate on apoptotic pathways in human colon cancer cells. Gastroenterology, 2002, 123, 235-246.	0.6	71
16	Characterization of a mitochondrial protein binding to single-stranded DNA. Nucleic Acids Research, 1985, 13, 1703-1716.	6.5	63
17	Mitochondrial p53 mediates a transcription-independent regulation of cell respiration and interacts with the mitochondrial Fâ‚Fâ‚€-ATP synthase. Cell Cycle, 2013, 12, 2781-2793.	1.3	59
18	Apoptosis in Drosophila: which role for mitochondria?. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 239-251.	2.2	47

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19	The PERK pathway independently triggers apoptosis and a Rac1/Slpr/JNK/Dilp8 signaling favoring tissue homeostasis in a chronic ER stress Drosophila model. Cell Death and Disease, 2014, 5, e1452-e1452.	2.7	46
20	Bcl-2 can promote p53-dependent senescence versus apoptosis without affecting the G1/S transition. Biochemical and Biophysical Research Communications, 2002, 298, 282-288.	1.0	43
21	FGF1 nuclear translocation is required for both its neurotrophic activity and its p53-dependent apoptosis protection. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 1719-1727.	1.9	42
22	FGF1 inhibits p53-dependent apoptosis and cell cycle arrest via an intracrine pathway. Oncogene, 2005, 24, 7839-7849.	2.6	41
23	The superoxide dismutase inhibitor diethyldithiocarbamate has antagonistic effects on apoptosis by triggering both cytochrome c release and caspase inhibition. Free Radical Biology and Medicine, 2006, 40, 1377-1390.	1.3	40
24	Mitochondrial localization of the low level p53 protein in proliferative cells. Biochemical and Biophysical Research Communications, 2009, 387, 772-777.	1.0	40
25	Implication of mitochondria in apoptosis. , 1997, , 185-188.		40
26	Inactivation of p53 Is Sufficient to Induce Development of Pulmonary Hypertension in Rats. PLoS ONE, 2015, 10, e0131940.	1.1	40
27	Study of PTPC Composition during Apoptosis for Identification of Viral Protein Target. Annals of the New York Academy of Sciences, 2003, 1010, 126-142.	1.8	39
28	A General Route to Cyclopeptide Alkaloids: Total Syntheses and Biological Evaluation of Paliurines E and F, Ziziphines N and Q, Abyssenine A, Mucronine E, and Analogues. European Journal of Organic Chemistry, 2009, 2009, 3368-3386.	1.2	38
29	Poliovirus-Induced Apoptosis Is Reduced in Cells Expressing a Mutant CD155 Selected during Persistent Poliovirus Infection in Neuroblastoma Cells. Journal of Virology, 2003, 77, 790-798.	1.5	37
30	Heat shock enhances transcriptional activation of the murine inducible nitric oxide synthase gene. FASEB Journal, 2000, 14, 2393-2395.	0.2	34
31	A DNA binding protein from Xenopus laevis oocyte mitochondria. Chromosoma, 1981, 82, 583-593.	1.0	33
32	Effects of the Xenopus laevis mitochondrial single-stranded DNA-binding protein on the activity of DNA polymerase gamma. FEBS Journal, 1988, 174, 479-484.	0.2	32
33	Fibroblast Growth Factor 1 inhibits p53-dependent apoptosis in PC12 cells. Apoptosis: an International Journal on Programmed Cell Death, 2007, 12, 1377-1387.	2.2	31
34	Differential effects of Bcl-2 and caspases on mitochondrial permeabilization during endogenous or exogenous reactive oxygen species-induced cell death. Cell Biology and Toxicology, 2012, 28, 239-253.	2.4	31
35	SV40 Large T Antigen Expression Driven by col2a1 Regulatory Sequences Immortalizes Articular Chondrocytes but Does Not Allow Stabilization of Type II Collagen Expression. Experimental Cell Research, 1999, 249, 248-259.	1.2	30
36	Yeast as a Model to Study Apoptosis?. Bioscience Reports, 2002, 22, 59-79.	1.1	30

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37	p53 can promote mitochondria- and caspase-independent apoptosis. Cell Death and Differentiation, 2004, 11, 785-787.	5.0	28
38	Evidence for a mitochondrial localization of the retinoblastoma protein. BMC Cell Biology, 2009, 10, 50.	3.0	27
39	The mitochondrial TOM complex modulates bax-induced apoptosis in Drosophila. Biochemical and Biophysical Research Communications, 2009, 379, 939-943.	1.0	26
40	Characterization of a Xenopus laevis mitochondrial protein with a high affinity for supercoiled DNA. Nucleic Acids Research, 1986, 14, 5969-5980.	6.5	25
41	Transcriptional repression by p53 promotes a Bcl-2-insensitive and mitochondria-independent pathway of apoptosis. Nucleic Acids Research, 2004, 32, 4480-4490.	6.5	23
42	Mitochondrial DNA-binding proteins that bind preferentially to supercoiled molecules containing the D-loop region of Xenopus laevis mtDNA. Biochemical and Biophysical Research Communications, 1983, 117, 99-107.	1.0	20
43	Caspase-9 can antagonize p53-induced apoptosis by generating a p76Rb truncated form of Rb. Oncogene, 2005, 24, 3297-3308.	2.6	20
44	p53 and Retinoblastoma protein (pRb): A complex network of interactions. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 659-661.	2.2	20
45	Mitochondria, Bcl-2 family proteins and apoptosomes: of worms, flies and men. Frontiers in Bioscience - Landmark, 2009, Volume, 4127.	3.0	20
46	FGF1 C-terminal domain and phosphorylation regulate intracrine FGF1 signaling for its neurotrophic and anti-apoptotic activities. Cell Death and Disease, 2016, 7, e2079-e2079.	2.7	19
47	FGF1 induces resistance to chemotherapy in ovarian granulosa tumor cells through regulation of p53 mitochondrial localization. Oncogenesis, 2018, 7, 18.	2.1	19
48	reaper and bax initiate two different apoptotic pathways affecting mitochondria and antagonized by bcl-2 in Drosophila. Oncogene, 2002, 21, 6458-6470.	2.6	18
49	Effects of 17Î²-Estradiol on Preadipocyte Proliferation in Human Adipose Tissue: Involvement of IGF1-R Signaling. Hormone and Metabolic Research, 2010, 42, 514-520.	0.7	18
50	The Drosophila retinoblastoma protein, Rbf1, induces a debcl and drp1-dependent mitochondrial apoptosis.. Journal of Cell Science, 2015, 128, 3239-49.	1.2	17
51	Sequence deduced physical properties in the D-loop region common to five vertebrate mitochondrial DNAs. Journal of Theoretical Biology, 1987, 124, 57-69.	0.8	16
52	The amino-terminal sequence of the Xenopus laevis mitochondrial SSB is homologous to that of the Escherichia coli protein. FEBS Letters, 1988, 235, 267-270.	1.3	16
53	Quantitative electron microscopic analysis of DNA-protein interactions. Journal of Electron Microscopy Technique, 1991, 18, 375-386.	1.1	16
54	Tickets for p53 journey among organelles. Frontiers in Bioscience - Landmark, 2009, Volume, 4214.	3.0	16

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55	zVAD-fmk upregulates caspase-9 cleavage and activity in etoposide-induced cell death of mouse embryonic fibroblasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2012, 1823, 1343-1352.	1.9	16
56	Inhibition of Bcl-2-dependent cell survival by a caspase inhibitor: a possible new pathway for Bcl-2 to regulate cell death. FEBS Letters, 1999, 460, 203-206.	1.3	15
57	FGF1 protects neuroblastoma SH-SY5Y cells from p53-dependent apoptosis through an intracrine pathway regulated by FGF1 phosphorylation. Cell Death and Disease, 2017, 8, e3023-e3023.	2.7	15
58	The Drosophila retinoblastoma protein induces apoptosis in proliferating but not in post-mitotic cells. Cell Cycle, 2010, 9, 97-103.	1.3	13
59	The pro-apoptotic activity of Drosophila Rbf1 involves dE2F2-dependent downregulation of diap1 and buffy mRNA. Cell Death and Disease, 2014, 5, e1405-e1405.	2.7	13
60	Insights into the Roles of the Sideroflexins/SLC56 Family in Iron Homeostasis and Iron-Sulfur Biogenesis. Biomedicines, 2021, 9, 103.	1.4	13
61	Two different specific JNK activators are required to trigger apoptosis or compensatory proliferation in response to Rbf1 in Drosophila. Cell Cycle, 2016, 15, 283-294.	1.3	12
62	Studies of specific gene induction during apoptosis of cell lines conditionally immortalized by SV40. FEBS Letters, 1995, 374, 384-386.	1.3	8
63	The myb-related gene stonewall induces both hyperplasia and cell death in Drosophila: rescue of fly lethality by coexpression of apoptosis inducers. Cell Death and Differentiation, 2006, 13, 1752-1762.	5.0	8
64	Screening of suppressors of bax-induced cell death identifies glycerophosphate oxidase-1 as a mediator of debcl-induced apoptosis in Drosophila. Genes and Cancer, 2015, 6, 241-253.	0.6	8
65	Amino terminal sequence of the mitochondrial protein mtDBP-C: similarity with nonhistone chromosomal proteins HMG 1 and 2. Biochimie, 1991, 73, 615-616.	1.3	7
66	The drosophila Bcl-2 family protein Debcl is targeted to the proteasome by the Î²-TrCP homologue slimb. Apoptosis: an International Journal on Programmed Cell Death, 2014, 19, 1444-1456.	2.2	7
67	Structural modifications induced by the mtDBP-C protein in the replication origin of Xenopus laevis mitochondrial DNA. Biochimie, 1990, 72, 65-72.	1.3	6
68	Evolutionary conservation of Notch signaling inhibition by TMEM131L overexpression. Biochemical and Biophysical Research Communications, 2017, 486, 909-915.	1.0	5
69	Mitochondrial control of apoptosis. Advances in Cell Aging and Gerontology, 2001, 5, 93-122.	0.1	4
70	Mutating RBF Can Enhance Its Pro-Apoptotic Activity and Uncovers a New Role in Tissue Homeostasis. PLoS ONE, 2014, 9, e102902.	1.1	4
71	The p76Rb and p100Rb truncated forms of the Rb protein exert antagonistic roles on cell death regulation in human cell lines. Biochemical and Biophysical Research Communications, 2010, 399, 173-178.	1.0	3
72	The Xenopus laevis mitochondrial protein mtDBP-C cooperatively folds the DNA in vitro. EMBO Journal, 1988, 7, 3873-9.	3.5	3

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73	Lâ€™apoptose chez la drosophile : conservation et originalitÃ©. Medecine/Sciences, 2002, 18, 875-880.	0.0	2
74	Keeping Cell Death Alive: An Introduction into the French Cell Death Research Network. Biomolecules, 2022, 12, 901.	1.8	2
75	Cytometric studies of cellular and mitochondrial changes associated with apoptotic cell death in a conditionnaly immortalized cell line. Biology of the Cell, 1992, 76, 250-250.	0.7	0
76	Quantification of Ataxin-3 and Ataxin-7 aggregates formed inÂvivo in Drosophila reveals a threshold of aggregated polyglutamine proteins associated with cellular toxicity. Biochemical and Biophysical Research Communications, 2015, 464, 1060-1065.	1.0	0
77	The endoplasmic reticulum unfolded protein response varies depending on the affected region of the tissue but independently from the source of stress. Cell Stress and Chaperones, 2019, 24, 817-824.	1.2	0