

Gustavo P Amarante-Mendes

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91
papers

3,650
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30
h-index

58
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104
ext. papers

4,048
ext. citations

5.5
avg, IF

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L-index

#	Paper	IF	Citations
91	Calpain Functions in a Caspase-Independent Manner to Promote Apoptosis-Like Events During Platelet Activation. <i>Blood</i> , 1999 , 94, 1683-1692	2.2	293
90	Phosphatidylserine externalization during CD95-induced apoptosis of cells and cytoplasts requires ICE/CED-3 protease activity. <i>Journal of Biological Chemistry</i> , 1996 , 271, 28753-6	5.4	286
89	Bcr-Abl Exerts Its Antiapoptotic Effect Against Diverse Apoptotic Stimuli Through Blockage of Mitochondrial Release of Cytochrome C and Activation of Caspase-3. <i>Blood</i> , 1998 , 91, 1700-1705	2.2	284
88	Acridine Orange/Ethidium Bromide (AO/EB) Staining to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	217
87	Pattern Recognition Receptors and the Host Cell Death Molecular Machinery. <i>Frontiers in Immunology</i> , 2018 , 9, 2379	8.4	216
86	Bcl-2-independent Bcr-Abl-mediated resistance to apoptosis: protection is correlated with up regulation of Bcl-xL. <i>Oncogene</i> , 1998 , 16, 1383-90	9.2	193
85	Anti-apoptotic oncogenes prevent caspase-dependent and independent commitment for cell death. <i>Cell Death and Differentiation</i> , 1998 , 5, 298-306	12.7	160
84	Collapse of the inner mitochondrial transmembrane potential is not required for apoptosis of HL60 cells. <i>Experimental Cell Research</i> , 1999 , 251, 166-74	4.2	132
83	Apoptotic mimicry by an obligate intracellular parasite downregulates macrophage microbicidal activity. <i>Current Biology</i> , 2001 , 11, 1870-3	6.3	122
82	The point of no return: mitochondria, caspases, and the commitment to cell death. <i>Results and Problems in Cell Differentiation</i> , 1998 , 24, 45-61	1.4	80
81	Jararhagin, a snake venom metalloproteinase, induces a specialized form of apoptosis (anoikis) selective to endothelial cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2005 , 10, 851-61	5.4	73
80	Neutrophils as a specific target for melatonin and kynuramines: effects on cytokine release. <i>Journal of Neuroimmunology</i> , 2004 , 156, 146-52	3.5	65
79	Alternative programs of cell death in developing retinal tissue. <i>Journal of Biological Chemistry</i> , 2003 , 278, 41938-46	5.4	58
78	BnP1, a novel P-I metalloproteinase from Bothrops neuwiedi venom: biological effects benchmarking relatively to jararhagin, a P-III SVMP. <i>Toxicon</i> , 2008 , 51, 54-65	2.8	54
77	Therapeutic applications of TRAIL receptor agonists in cancer and beyond. <i>Pharmacology & Therapeutics</i> , 2015 , 155, 117-31	13.9	53
76	Long non-coding RNA INXS is a critical mediator of BCL-XS induced apoptosis. <i>Nucleic Acids Research</i> , 2014 , 42, 8343-55	20.1	49
75	Pathogen-induced proapoptotic phenotype and high CD95 (Fas) expression accompany a suboptimal CD8+ T-cell response: reversal by adenoviral vaccine. <i>PLoS Pathogens</i> , 2012 , 8, e1002699	7.6	46

74	CPDs and 6-4PPs play different roles in UV-induced cell death in normal and NER-deficient human cells. <i>DNA Repair</i> , 2008 , 7, 303-12	4.3	45
73	Melatonin protects CD4+ T cells from activation-induced cell death by blocking NFAT-mediated CD95 ligand upregulation. <i>Journal of Immunology</i> , 2010 , 184, 3487-94	5.3	43
72	BCR-ABL-mediated upregulation of PRAME is responsible for knocking down TRAIL in CML patients. <i>Oncogene</i> , 2011 , 30, 223-33	9.2	40
71	Apoptosis: a programme of cell death or cell disposal?. <i>Scandinavian Journal of Immunology</i> , 2011 , 73, 401-7	3.4	39
70	Cytosolic flagellin-induced lysosomal pathway regulates inflammasome-dependent and -independent macrophage responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E3321-30	11.5	38
69	Downregulation of Bcr-Abl in K562 cells restores susceptibility to apoptosis: characterization of the apoptotic death. <i>Cell Death and Differentiation</i> , 1997 , 4, 95-104	12.7	38
68	Bcr-Abl-mediated resistance to apoptosis is independent of constant tyrosine-kinase activity. <i>Cell Death and Differentiation</i> , 2003 , 10, 592-8	12.7	38
67	Modification of phosphatidylinositol 3-kinase SH2 domain binding properties by Abl- or Lck-mediated tyrosine phosphorylation at Tyr-688. <i>Journal of Biological Chemistry</i> , 1998 , 273, 3994-4000 ^{5.4}	5.4	37
66	A novel pathway for inducible nitric-oxide synthase activation through inflammasomes. <i>Journal of Biological Chemistry</i> , 2010 , 285, 32087-95	5.4	36
65	Comparison of the anti-apoptotic effects of Bcr-Abl, Bcl-2 and Bcl-x(L) following diverse apoptogenic stimuli. <i>FEBS Letters</i> , 2003 , 541, 57-63	3.8	34
64	Cytotoxicity of cashew flavonoids towards malignant cell lines. <i>Experimental and Toxicologic Pathology</i> , 2012 , 64, 435-40		32
63	Effects of <i>Aedes aegypti</i> salivary components on dendritic cell and lymphocyte biology. <i>Parasites and Vectors</i> , 2013 , 6, 329	4	31
62	The regulation of apoptotic cell death. <i>Brazilian Journal of Medical and Biological Research</i> , 1999 , 32, 1053-61	2.8	31
61	Analysis of DNA fragmentation using agarose gel electrophoresis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	30
60	Low amounts of the DNA repair XPA protein are sufficient to recover UV-resistance. <i>Carcinogenesis</i> , 2002 , 23, 1039-46	4.6	27
59	Apoptosis of macrophages during pulmonary <i>Mycobacterium bovis</i> infection: correlation with intracellular bacillary load and cytokine levels. <i>Immunology</i> , 2009 , 128, e691-9	7.8	26
58	Myriadenolide, a labdane diterpene isolated from <i>Alomia myriadenia</i> (asteraceae) induces depolarization of mitochondrial membranes and apoptosis associated with activation of caspases-8, -9, and -3 in Jurkat and THP-1 cells. <i>Experimental Cell Research</i> , 2003 , 290, 420-6	4.2	26
57	Differential expression of apoptosis-related genes from death receptor pathway in chronic myeloproliferative diseases. <i>Journal of Clinical Pathology</i> , 2011 , 64, 75-82	3.9	24

56	Bcr - Abl-mediated resistance to apoptosis is independent of PI 3-kinase activity. <i>Cell Death and Differentiation</i> , 1997 , 4, 548-54	12.7	24
55	TLR4/MYD88-dependent, LPS-induced synthesis of PGE2 by macrophages or dendritic cells prevents anti-CD3-mediated CD95L upregulation in T cells. <i>Cell Death and Differentiation</i> , 2008 , 15, 1901-1913	12.7	24
54	Differential Antitumor Effects of IgG and IgM Monoclonal Antibodies and Their Synthetic Complementarity-Determining Regions Directed to New Targets of B16F10-Nex2 Melanoma Cells. <i>Translational Oncology</i> , 2010 , 3, 204-17	4.9	23
53	Pomolic acid triggers mitochondria-dependent apoptotic cell death in leukemia cell line. <i>Cancer Letters</i> , 2005 , 219, 49-55	9.9	23
52	Docosahexaenoic acid enhances the toxic effect of imatinib on Bcr-Abl expressing HL-60 cells. <i>Toxicology in Vitro</i> , 2007 , 21, 1678-85	3.6	21
51	Effect of cell confluence on ultraviolet light apoptotic responses in DNA repair deficient cells. <i>Mutation Research - Reviews in Mutation Research</i> , 2003 , 544, 159-66	7	21
50	Epigenetic regulation of nitric oxide synthase 2, inducible (Nos2) by NLRC4 inflammasomes involves PARP1 cleavage. <i>Scientific Reports</i> , 2017 , 7, 41686	4.9	20
49	Pomolic acid may overcome multidrug resistance mediated by overexpression of anti-apoptotic Bcl-2 proteins. <i>Cancer Letters</i> , 2007 , 245, 315-20	9.9	20
48	DNA-binding properties of cosmomycin D, an anthracycline with two trisaccharide chains. <i>Journal of Antibiotics</i> , 2004 , 57, 647-54	3.7	20
47	CD40 ligand deficiency causes functional defects of peripheral neutrophils that are improved by exogenous IFN- γ . <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1571-1588.e9	11.5	19
46	Staining of suspension cells with hoechst 33258 to detect apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	19
45	DNA hypomethylating agents increase activation and cytolytic activity of CD8 T cells. <i>Molecular Cell</i> , 2021 , 81, 1469-1483.e8	17.6	19
44	In vivo assessment of specific cytotoxic T lymphocyte killing. <i>Methods</i> , 2013 , 61, 105-9	4.6	18
43	Hypoxia inducible factor-dependent regulation of angiogenesis by nitro-fatty acids. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1360-7	9.4	18
42	Impaired macrophage responses may contribute to exacerbation of blood-stage Plasmodium chabaudi malaria in interleukin-12-deficient mice. <i>Journal of Interferon and Cytokine Research</i> , 2002 , 22, 1191-9	3.5	18
41	Bcr-Abl Exerts Its Antiapoptotic Effect Against Diverse Apoptotic Stimuli Through Blockage of Mitochondrial Release of Cytochrome C and Activation of Caspase-3. <i>Blood</i> , 1998 , 91, 1700-1705	2.2	18
40	Calpain Functions in a Caspase-Independent Manner to Promote Apoptosis-Like Events During Platelet Activation. <i>Blood</i> , 1999 , 94, 1683-1692	2.2	18
39	Comparative effect of FGF2, synthetic peptides 1-28 N-POMC and ACTH on proliferation in rat adrenal cell primary cultures. <i>Cell and Tissue Research</i> , 2011 , 345, 343-56	4.2	17

38	Phagocytosis of apoptotic and necrotic thymocytes is inhibited by PAF-receptor antagonists and affects LPS-induced COX-2 expression in murine macrophages. <i>Prostaglandins and Other Lipid Mediators</i> , 2006 , 80, 62-73	3.7	17
37	Photorepair of RNA polymerase arrest and apoptosis after ultraviolet irradiation in normal and XPB deficient rodent cells. <i>Cell Death and Differentiation</i> , 2002 , 9, 1099-107	12.7	17
36	A rapid and sensitive method for the screening of DNA intercalating antibiotics. <i>Biotechnology Letters</i> , 2002 , 24, 1807-1813	3	17
35	In vitro activity of labdane diterpene from <i>Alomia myriadenia</i> (Asteraceae): immunosuppression via induction of apoptosis in monocytes. <i>International Immunopharmacology</i> , 2003 , 3, 383-92	5.8	17
34	Ureaplasma diversum Genome Provides New Insights about the Interaction of the Surface Molecules of This Bacterium with the Host. <i>PLoS ONE</i> , 2016 , 11, e0161926	3.7	17
33	Control of death receptor ligand activity by posttranslational modifications. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 1631-42	10.3	16
32	Butyrate increases apoptosis induced by different antineoplastic drugs in monocytic leukemia cells. <i>Chemotherapy</i> , 2004 , 50, 221-8	3.2	16
31	Cloning of a thymic stromal cell capable of protecting thymocytes from apoptosis. <i>Cellular Immunology</i> , 1995 , 161, 173-80	4.4	15
30	Tyrosine kinase activation in thymic epithelial cells: necessity of thymocyte contact through the gp23/45/90 adhesion complex. <i>European Journal of Immunology</i> , 1992 , 22, 2579-85	6.1	15
29	Inhibition of interferon-gamma-induced nitric oxide production in endotoxin-activated macrophages by cytolethal distending toxin. <i>Oral Microbiology and Immunology</i> , 2008 , 23, 360-6		14
28	Sustained activation of p53 in confluent nucleotide excision repair-deficient cells resistant to ultraviolet-induced apoptosis. <i>DNA Repair</i> , 2008 , 7, 922-31	4.3	14
27	Proteomic and functional analysis identifies galectin-1 as a novel regulatory component of the cytotoxic granule machinery. <i>Cell Death and Disease</i> , 2017 , 8, e3176	9.8	12
26	Evaluation of pyroptosis in macrophages using cytosolic delivery of purified flagellin. <i>Methods</i> , 2013 , 61, 110-6	4.6	8
25	Involvement of DNA replication in ultraviolet-induced apoptosis of mammalian cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006 , 11, 1139-48	5.4	8
24	BCR-ABL1 Tyrosine Kinase Complex Signaling Transduction: Challenges to Overcome Resistance in Chronic Myeloid Leukemia.. <i>Pharmaceutics</i> , 2022 , 14,	6.4	8
23	Propidium Iodide (PI) Uptake Assay to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	8
22	Conversion of CD95 (Fas) Type II into Type I signaling by sub-lethal doses of cycloheximide. <i>Experimental Cell Research</i> , 2008 , 314, 554-63	4.2	7
21	Resistance to ultraviolet-induced apoptosis in DNA repair deficient growth arrested human fibroblasts is not related to recovery from RNA transcription blockage. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008 , 640, 1-7	3.3	7

20	Adenovirus mediated transduction of the human DNA polymerase eta cDNA. <i>DNA Repair</i> , 2006 , 5, 925-34.	4.3	7
19	BCR-ABL1-induced downregulation of WASP in chronic myeloid leukemia involves epigenetic modification and contributes to malignancy. <i>Cell Death and Disease</i> , 2017 , 8, e3114	9.8	6
18	Thymic epithelial cells mediate a Bcl-2-independent protection of single-positive thymocytes from dexamethasone-induced apoptosis. <i>Experimental Cell Research</i> , 2002 , 272, 119-26	4.2	6
17	TUNEL Staining of Tissue Sections to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	5
16	TLR3 Is a Negative Regulator of Immune Responses Against. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018 , 8, 426	5.9	5
15	Involvement of memory T-cells in the pathophysiology of chronic lymphocytic leukemia. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2014 , 36, 60-4		4
14	Retraction: Long non-coding RNA INXS is a critical mediator of BCL-XS induced apoptosis. <i>Nucleic Acids Research</i> , 2016 , 44, 9518	20.1	4
13	Improving the therapeutic potential of endostatin by fusing it with the BAX BH3 death domain. <i>Cell Death and Disease</i> , 2014 , 5, e1371	9.8	3
12	Apoptosis induced by butyrate is independent of Jak/STAT signaling in a fibrosarcoma cell line. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 301, 968-73	3.4	3
11	Detection of phosphatidylserine externalization during apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	3
10	Cytotoxic lymphocyte killing enters the ice age. <i>Advances in Experimental Medicine and Biology</i> , 1996 , 406, 29-37	3.6	3
9	TUNEL Staining of Adherent Cells to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	3
8	Analysis of TUNEL Staining by Flow Cytometry to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006 , 2006,	1.2	2
7	Suppression of IgE antibody production against an unrelated antigen in experimental murine paracoccidiodomycosis. <i>Medical Mycology</i> , 1989 , 27, 243-52	3.9	2
6	ZAP-70 expression is associated with increased CD4 central memory T cells in chronic lymphocytic leukemia: cross-sectional study. <i>Hematology, Transfusion and Cell Therapy</i> , 2018 , 40, 317-325	1.6	2
5	Absence of Bim sensitizes mice to experimental <i>Trypanosoma cruzi</i> infection. <i>Cell Death and Disease</i> , 2021 , 12, 692	9.8	1
4	RIPK3 and Caspase-1/11 Are Necessary for Optimal Antigen-Specific CD8 T Cell Response Elicited by Genetically Modified. <i>Frontiers in Immunology</i> , 2020 , 11, 536	8.4	0
3	Identification of a 16-kDa thymocyte membrane glycoprotein involved in the thymocyte/thymic medullary epithelial cell interaction. <i>Immunology Letters</i> , 1993 , 37, 47-52	4.1	0

- 2 Blockade of caspase cascade overcomes malaria-associated acute respiratory distress syndrome in mice.. *Cell Death and Disease*, **2022**, 13, 144 9.8 0
- 1 Cell death and the well of the organism. *Cellular and Molecular Life Sciences*, **2010**, 67, 1565-6 10.3