Gustavo P Amarante-Mendes

List of Publications by Year
in descending order

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100 papers	4,510 citations	136950 32 h-index	110387 64 g-index
104 all docs	104 docs citations	104 times ranked	8589 citing authors

#	Article	IF	Citations
1	Pattern Recognition Receptors and the Host Cell Death Molecular Machinery. Frontiers in Immunology, 2018, 9, 2379.	4.8	435
2	Phosphatidylserine Externalization during CD95-induced Apoptosis of Cells and Cytoplasts Requires ICE/CED-3 Protease Activity. Journal of Biological Chemistry, 1996, 271, 28753-28756.	3.4	322
3	Calpain Functions in a Caspase-Independent Manner to Promote Apoptosis-Like Events During Platelet Activation. Blood, 1999, 94, 1683-1692.	1.4	313
4	Acridine Orange/Ethidium Bromide (AO/EB) Staining to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4493-pdb.prot4493.	0.3	313
5	Bcr-Abl Exerts Its Antiapoptotic Effect Against Diverse Apoptotic Stimuli Through Blockage of Mitochondrial Release of Cytochrome C and Activation of Caspase-3. Blood, 1998, 91, 1700-1705.	1.4	297
6	Bcl-2-independent Bcrâ€“Abl-mediated resistance to apoptosis: protection is correlated with up regulation of Bcl-xL. Oncogene, 1998, 16, 1383-1390.	5.9	207
7	Anti-apoptotic oncogenes prevent caspase-dependent and independent commitment for cell death. Cell Death and Differentiation, 1998, 5, 298-306.	11.2	171
8	Collapse of the Inner Mitochondrial Transmembrane Potential Is Not Required for Apoptosis of HL60 Cells. Experimental Cell Research, 1999, 251, 166-174.	2.6	139
9	Apoptotic mimicry by an obligate intracellular parasite downregulates macrophage microbicidal activity. Current Biology, 2001, 11, 1870-1873.	3.9	132
10	The Point of No Return: Mitochondria, Caspases, and the Commitment to Cell Death. Results and Problems in Cell Differentiation, 1998, 24, 45-61.	0.7	104
11	Jararhagin, a snake venom metalloproteinase, induces a specialized form of apoptosis (anoikis) selective to endothelial cells. Apoptosis: an International Journal on Programmed Cell Death, 2005, 10, 851-861.	4.9	90
12	Neutrophils as a specific target for melatonin and kynuramines: effects on cytokine release. Journal of Neuroimmunology, 2004, 156, 146-152.	2.3	77
13	Therapeutic applications of TRAIL receptor agonists in cancer and beyond. , 2015, 155, 117-131.		67
14	Alternative Programs of Cell Death in Developing Retinal Tissue. Journal of Biological Chemistry, 2003, 278, 41938-41946.	3.4	66
15	CPDs and 6-4PPs play different roles in UV-induced cell death in normal and NER-deficient human cells. DNA Repair, 2008, 7, 303-312.	2.8	61
16	BnP1, a novel P-I metalloproteinase from Bothrops neuwiedi venom: Biological effects benchmarking relatively to jararhagin, a P-III SVMP. Toxicon, 2008, 51, 54-65.	1.6	61
17	Pathogen-Induced Proapoptotic Phenotype and High CD95 (Fas) Expression Accompany a Suboptimal CD8+ T-Cell Response: Reversal by Adenoviral Vaccine. PLoS Pathogens, 2012, 8, e1002699.	4.7	57
18	DNA hypomethylating agents increase activation and cytolytic activity of CD8+ TÂcells. Molecular Cell, 2021, 81, 1469-1483.e8.	9.7	52

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19	Melatonin Protects CD4+ T Cells from Activation-Induced Cell Death by Blocking NFAT-Mediated CD95 Ligand Upregulation. Journal of Immunology, 2010, 184, 3487-3494.	0.8	51
20	Cytosolic flagellin-induced lysosomal pathway regulates inflammasome-dependent and -independent macrophage responses. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3321-30.	7.1	50
21	Apoptosis: A Programme of Cell Death or Cell Disposal?. Scandinavian Journal of Immunology, 2011, 73, 401-407.	2.7	47
22	Downregulation of Bcr-Abl in K562 cells restores susceptibility to apoptosis: Characterization of the apoptotic death. Cell Death and Differentiation, 1997, 4, 95-104.	11.2	46
23	A Novel Pathway for Inducible Nitric-oxide Synthase Activation through Inflammasomes. Journal of Biological Chemistry, 2010, 285, 32087-32095.	3.4	45
24	BCRâ€“ABL-mediated upregulation of PRAME is responsible for knocking down TRAIL in CML patients. Oncogene, 2011, 30, 223-233.	5.9	45
25	Modification of Phosphatidylinositol 3-Kinase SH2 Domain Binding Properties by Abl- or Lck-mediated Tyrosine Phosphorylation at Tyr-688. Journal of Biological Chemistry, 1998, 273, 3994-4000.	3.4	44
26	Effects of Aedes aegypti salivary components on dendritic cell and lymphocyte biology. Parasites and Vectors, 2013, 6, 329.	2.5	43
27	The regulation of apoptotic cell death. Brazilian Journal of Medical and Biological Research, 1999, 32, 1053-1061.	1.5	42
28	Bcr-Abl-mediated resistance to apoptosis is independent of constant tyrosine-kinase activity. Cell Death and Differentiation, 2003, 10, 592-598.	11.2	40
29	Differential Antitumor Effects of IgG and IgM Monoclonal Antibodies and Their Synthetic Complementarity-Determining Regions Directed to New Targets of B16F10-Nex2 Melanoma Cells. Translational Oncology, 2010, 3, 204-217.	3.7	39
30	Cytotoxicity of cashew flavonoids towards malignant cell lines. Experimental and Toxicologic Pathology, 2012, 64, 435-440.	2.1	38
31	Comparison of the antiâ€apoptotic effects of Bcrâ€Abl, Bclâ€2 and Bclâ€x_L following diverse apoptogenic stimuli. FEBS Letters, 2003, 541, 57-63.	2.8	37
32	Analysis of DNA Fragmentation Using Agarose Gel Electrophoresis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4429.	0.3	37
33	Differential expression of apoptosis-related genes from death receptor pathway in chronic myeloproliferative diseases. Journal of Clinical Pathology, 2011, 64, 75-82.	2.0	32
34	BCR-ABL1 Tyrosine Kinase Complex Signaling Transduction: Challenges to Overcome Resistance in Chronic Myeloid Leukemia. Pharmaceutics, 2022, 14, 215.	4.5	32
35	TLR4/MYD88-dependent, LPS-induced synthesis of PGE2 by macrophages or dendritic cells prevents anti-CD3-mediated CD95L upregulation in T cells. Cell Death and Differentiation, 2008, 15, 1901-1909.	11.2	31
36	Low amounts of the DNA repair XPA protein are sufficient to recover UV-resistance. Carcinogenesis, 2002, 23, 1039-1046.	2.8	30

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37	Myriadenolide, a labdane diterpene isolated from Alomia myriadenia (asteraceae) induces depolarization of mitochondrial membranes and apoptosis associated with activation of caspases-8, -9, and -3 in Jurkat and THP-1 cells. Experimental Cell Research, 2003, 290, 420-426.	2.6	30
38	Apoptosis of macrophages during pulmonary Mycobacterium bovis infection: correlation with intracellular bacillary load and cytokine levels. Immunology, 2009, 128, e691-9.	4.4	28
39	Effect of cell confluence on ultraviolet light apoptotic responses in DNA repair deficient cells. Mutation Research - Reviews in Mutation Research, 2003, 544, 159-166.	5.5	26
40	Pomolic acid triggers mitochondria-dependent apoptotic cell death in leukemia cell line. Cancer Letters, 2005, 219, 49-55.	7.2	26
41	Epigenetic regulation of nitric oxide synthase 2, inducible (Nos2) by NLRC4 inflammasomes involves PARP1 cleavage. Scientific Reports, 2017, 7, 41686.	3.3	26
42	DNA-Binding Properties of Cosmomycin D, an Anthracycline with Two Trisaccharide Chains. Journal of Antibiotics, 2004, 57, 647-654.	2.0	25
43	Staining of Suspension Cells with Hoechst 33258 to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4492-pdb.prot4492.	0.3	25
44	Docosahexaenoic acid enhances the toxic effect of imatinib on Bcr-Abl expressing HL-60 cells. Toxicology in Vitro, 2007, 21, 1678-1685.	2.4	25
45	In vivo assessment of specific cytotoxic T lymphocyte killing. Methods, 2013, 61, 105-109.	3.8	25
46	Bcrâ€‰â€“â€‰Abl-mediated resistance to apoptosis is independent of PI 3-kinase activity. Cell Death and Differentiation, 1997, 4, 548-554.	11.2	24
47	Pomolic acid may overcome multidrug resistance mediated by overexpression of anti-apoptotic Bcl-2 proteins. Cancer Letters, 2007, 245, 315-320.	7.2	23
48	Impaired Macrophage Responses May Contribute to Exacerbation of Blood-StagePlasmodium chabaudi chabaudiMalaria in Interleukin-12-Deficient Mice. Journal of Interferon and Cytokine Research, 2002, 22, 1191-1199.	1.2	22
49	A rapid and sensitive method for the screening of DNA intercalating antibiotics. Biotechnology Letters, 2002, 24, 1807-1813.	2.2	21
50	Hypoxia Inducible Factorâ€“Dependent Regulation of Angiogenesis by Nitroâ€“Fatty Acids. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1360-1367.	2.4	21
51	CD40 ligand deficiency causes functional defects of peripheral neutrophils that are improved by exogenous IFN-Î³. Journal of Allergy and Clinical Immunology, 2018, 142, 1571-1588.e9.	2.9	21
52	Photorepair of RNA polymerase arrest and apoptosis after ultraviolet irradiation in normal and XPB deficient rodent cells. Cell Death and Differentiation, 2002, 9, 1099-1107.	11.2	20
53	Ureaplasma diversum Genome Provides New Insights about the Interaction of the Surface Molecules of This Bacterium with the Host. PLoS ONE, 2016, 11, e0161926.	2.5	20
54	Bcr-Abl Exerts Its Antiapoptotic Effect Against Diverse Apoptotic Stimuli Through Blockage of Mitochondrial Release of Cytochrome C and Activation of Caspase-3. Blood, 1998, 91, 1700-1705.	1.4	20

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55	Phagocytosis of apoptotic and necrotic thymocytes is inhibited by PAF-receptor antagonists and affects LPS-induced COX-2 expression in murine macrophages. Prostaglandins and Other Lipid Mediators, 2006, 80, 62-73.	1.9	19
56	Proteomic and functional analysis identifies galectin-1 as a novel regulatory component of the cytotoxic granule machinery. Cell Death and Disease, 2017, 8, e3176-e3176.	6.3	19
57	Calpain Functions in a Caspase-Independent Manner to Promote Apoptosis-Like Events During Platelet Activation. Blood, 1999, 94, 1683-1692.	1.4	19
58	Cloning of a Thymic Stromal Cell Capable of Protecting Thymocytes from Apoptosis. Cellular Immunology, 1995, 161, 173-180.	3.0	18
59	Control of death receptor ligand activity by posttranslational modifications. Cellular and Molecular Life Sciences, 2010, 67, 1631-1642.	5.4	18
60	Comparative effect of FGF2, synthetic peptides 1-28 N-POMC and ACTH on proliferation in rat adrenal cell primary cultures. Cell and Tissue Research, 2011, 345, 343-356.	2.9	18
61	In vitro activity of labdane diterpene from Alomia myriadenia (Asteraceae): immunosuppression via induction of apoptosis in monocytes. International Immunopharmacology, 2003, 3, 383-392.	3.8	17
62	Butyrate Increases Apoptosis Induced by Different Antineoplastic Drugs in Monocytic Leukemia Cells. Chemotherapy, 2004, 50, 221-228.	1.6	17
63	Tyrosine kinase activation in thymic epithelial cells: necessity of thymocyte contact through the gp23/45/90 adhesion complex. European Journal of Immunology, 1992, 22, 2579-2585.	2.9	16
64	Sustained activation of p53 in confluent nucleotide excision repair-deficient cells resistant to ultraviolet-induced apoptosis. DNA Repair, 2008, 7, 922-931.	2.8	15
65	BCRâ€“ABL1-induced downregulation of WASP in chronic myeloid leukemia involves epigenetic modification and contributes to malignancy. Cell Death and Disease, 2017, 8, e3114-e3114.	6.3	15
66	Inhibition of interferonâ€Î³â€induced nitric oxide production in endotoxinâ€activated macrophages by cytolethal distending toxin. Oral Microbiology and Immunology, 2008, 23, 360-366.	2.8	14
67	Evaluation of pyroptosis in macrophages using cytosolic delivery of purified flagellin. Methods, 2013, 61, 110-116.	3.8	11
68	Adenovirus mediated transduction of the human DNA polymerase eta cDNA. DNA Repair, 2006, 5, 925-934.	2.8	10
69	Involvement of DNA replication in ultraviolet-induced apoptosis of mammalian cells. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 1139-1148.	4.9	10
70	TLR3 Is a Negative Regulator of Immune Responses Against Paracoccidioides brasiliensis. Frontiers in Cellular and Infection Microbiology, 2018, 8, 426.	3.9	10
71	Conversion of CD95 (Fas) Type II into Type I signaling by sub-lethal doses of cycloheximide. Experimental Cell Research, 2008, 314, 554-563.	2.6	9
72	Propidium Iodide (PI) Uptake Assay to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4495.	0.3	9

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73	Resistance to ultraviolet-induced apoptosis in DNA repair deficient growth arrested human fibroblasts is not related to recovery from RNA transcription blockage. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2008, 640, 1-7.	1.0	8
74	Blockade of caspase cascade overcomes malaria-associated acute respiratory distress syndrome in mice. Cell Death and Disease, 2022, 13, 144.	6.3	7
75	Thymic Epithelial Cells Mediate a Bcl-2-Independent Protection of Single-Positive Thymocytes from Dexamethasone-Induced Apoptosis. Experimental Cell Research, 2002, 272, 119-126.	2.6	6
76	TUNEL Staining of Tissue Sections to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4496.	0.3	5
77	Involvement of memory T-cells in the pathophysiology of chronic lymphocytic leukemia. Revista Brasileira De Hematologia E Hemoterapia, 2014, 36, 60-64.	0.7	5
78	Apoptosis induced by butyrate is independent of Jak/STAT signaling in a fibrosarcoma cell line. Biochemical and Biophysical Research Communications, 2003, 301, 968-973.	2.1	4
79	Long non-coding RNA INXS is a critical mediator of BCL-XS induced apoptosis. Nucleic Acids Research, 2016, 44, gkw713.	14.5	4
80	RIPK3 and Caspase-1/11 Are Necessary for Optimal Antigen-Specific CD8 T Cell Response Elicited by Genetically Modified Listeria monocytogenes. Frontiers in Immunology, 2020, 11, 536.	4.8	4
81	Cytotoxic Lymphocyte Killing Enters the Ice Age. Advances in Experimental Medicine and Biology, 1996, 406, 29-37.	1.6	4
82	Detection of Phosphatidylserine Externalization During Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4494-pdb.prot4494.	0.3	4
83	Analysis of TUNEL Staining by Flow Cytometry to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4463.	0.3	3
84	Improving the therapeutic potential of endostatin by fusing it with the BAX BH3 death domain. Cell Death and Disease, 2014, 5, e1371-e1371.	6.3	3
85	TUNEL Staining of Adherent Cells to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4433.	0.3	3
86	Suppression of IgE antibody production against an unrelated antigen in experimental murine paracoccidioidomycosis. Medical Mycology, 1989, 27, 243-252.	0.7	2
87	ZAP-70 expression is associated with increased CD4 central memory T cells in chronic lymphocytic leukemia: cross-sectional study. Hematology, Transfusion and Cell Therapy, 2018, 40, 317-325.	0.2	2
88	Absence of Bim sensitizes mice to experimental Trypanosoma cruzi infection. Cell Death and Disease, 2021, 12, 692.	6.3	2
89	Identification of a 16-kDa thymocyte membrane glycoprotein involved in the thymocyte/thymic medullary epithelial cell interaction. Immunology Letters, 1993, 37, 47-52.	2.5	1
90	Analysis of DNA Fragmentation Using Propidium Iodide (PI) Staining After Ethanol Fixation. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4431.	0.3	1

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91	Cell death and the well of the organism. Cellular and Molecular Life Sciences, 2010, 67, 1565-1566.	5.4	0
92	Differential Regulation of Pro- and Anti-Apoptotic Genes by Bcr-Abl in an In Vitro Experimental Model of Chronic Myelogenous Leukemia.. Blood, 2004, 104, 4244-4244.	1.4	0
93	Expression of BCR-ABL Does Not Inhibit Apoptosis In Vitro, on a B Lymphoblastoid Cell Line.. Blood, 2004, 104, 4242-4242.	1.4	0
94	Bcr-Abl Protection of Fas-Induced Apoptosis.. Blood, 2004, 104, 4243-4243.	1.4	0
95	Analysis of DNA Fragmentation Using the JAM Assay. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4432.	0.3	0
96	Biochemical Analysis of Cell Death Using Colorimetric Quantification of Caspase Activation. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4435.	0.3	0
97	Analysis of DNA Fragmentation Using Propidium Iodide (PI) Fluorescence of Individual Nuclei. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4430.	0.3	0
98	Microscopic Analysis of Mitochondrial Transmembrane Potential (Î”Î¨m). Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4462.	0.3	0
99	Leukostat Staining of Cytospin Preparations to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4491-pdb.prot4491.	0.3	0
100	Abstract 195: Cell death pathway activation during monocytic / macrophagic differentiation of hematopoietic tumor cell lines. , 2011, , .		0