

Gustavo P Amarante-Mendes

List of Publications by Year in descending order

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100
papers

4,510
citations

136740

32
h-index

110170

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. <i>Frontiers in Immunology</i> , 2018, 9, 2379.	2.2	435
2	Phosphatidylserine Externalization during CD95-induced Apoptosis of Cells and Cytoplasts Requires ICE/CED-3 Protease Activity. <i>Journal of Biological Chemistry</i> , 1996, 271, 28753-28756.	1.6	322
3	Calpain Functions in a Caspase-Independent Manner to Promote Apoptosis-Like Events During Platelet Activation. <i>Blood</i> , 1999, 94, 1683-1692.	0.6	313
4	Acridine Orange/Ethidium Bromide (AO/EB) Staining to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4493-pdb.prot4493.	0.2	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. <i>Blood</i> , 1998, 91, 1700-1705.	0.6	297
6	Bcl-2-independent Bcr-Abl-mediated resistance to apoptosis: protection is correlated with up regulation of Bcl-xL. <i>Oncogene</i> , 1998, 16, 1383-1390.	2.6	207
7	Anti-apoptotic oncogenes prevent caspase-dependent and independent commitment for cell death. <i>Cell Death and Differentiation</i> , 1998, 5, 298-306.	5.0	171
8	Collapse of the Inner Mitochondrial Transmembrane Potential Is Not Required for Apoptosis of HL60 Cells. <i>Experimental Cell Research</i> , 1999, 251, 166-174.	1.2	139
9	Apoptotic mimicry by an obligate intracellular parasite downregulates macrophage microbicidal activity. <i>Current Biology</i> , 2001, 11, 1870-1873.	1.8	132
10	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.	0.2	104
11	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, 851-861.	2.2	90
12	Neutrophils as a specific target for melatonin and kynuramines: effects on cytokine release. <i>Journal of Neuroimmunology</i> , 2004, 156, 146-152.	1.1	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. <i>Journal of Biological Chemistry</i> , 2003, 278, 41938-41946.	1.6	66
15	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, 303-312.	1.3	61
16	BnP1, a novel P-I metalloproteinase from <i>Bothrops neuwiedi</i> venom: Biological effects benchmarking relatively to jararhagin, a P-III SVMP. <i>Toxicon</i> , 2008, 51, 54-65.	0.8	61
17	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.	2.1	57
18	DNA hypomethylating agents increase activation and cytolytic activity of CD8+ T cells. <i>Molecular Cell</i> , 2021, 81, 1469-1483.e8.	4.5	52

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19	Melatonin Protects CD4+ T Cells from Activation-Induced Cell Death by Blocking NFAT-Mediated CD95 Ligand Upregulation. <i>Journal of Immunology</i> , 2010, 184, 3487-3494.	0.4	51
20	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.	3.3	50
21	Apoptosis: A Programme of Cell Death or Cell Disposal?. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 401-407.	1.3	47
22	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.	5.0	46
23	A Novel Pathway for Inducible Nitric-oxide Synthase Activation through Inflammasomes. <i>Journal of Biological Chemistry</i> , 2010, 285, 32087-32095.	1.6	45
24	BCR-ABL-mediated upregulation of PRAME is responsible for knocking down TRAIL in CML patients. <i>Oncogene</i> , 2011, 30, 223-233.	2.6	45
25	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.	1.6	44
26	Effects of <i>Aedes aegypti</i> salivary components on dendritic cell and lymphocyte biology. <i>Parasites and Vectors</i> , 2013, 6, 329.	1.0	43
27	The regulation of apoptotic cell death. <i>Brazilian Journal of Medical and Biological Research</i> , 1999, 32, 1053-1061.	0.7	42
28	Bcr-Abl-mediated resistance to apoptosis is independent of constant tyrosine-kinase activity. <i>Cell Death and Differentiation</i> , 2003, 10, 592-598.	5.0	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. <i>Translational Oncology</i> , 2010, 3, 204-217.	1.7	39
30	Cytotoxicity of cashew flavonoids towards malignant cell lines. <i>Experimental and Toxicologic Pathology</i> , 2012, 64, 435-440.	2.1	38
31	Comparison of the anti-apoptotic effects of Bcr-Abl, Bcl-2 and Bcl-xL following diverse apoptogenic stimuli. <i>FEBS Letters</i> , 2003, 541, 57-63.	1.3	37
32	Analysis of DNA Fragmentation Using Agarose Gel Electrophoresis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4429.	0.2	37
33	Differential expression of apoptosis-related genes from death receptor pathway in chronic myeloproliferative diseases. <i>Journal of Clinical Pathology</i> , 2011, 64, 75-82.	1.0	32
34	BCR-ABL1 Tyrosine Kinase Complex Signaling Transduction: Challenges to Overcome Resistance in Chronic Myeloid Leukemia. <i>Pharmaceutics</i> , 2022, 14, 215.	2.0	32
35	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, 1901-1909.	5.0	31
36	Low amounts of the DNA repair XPA protein are sufficient to recover UV-resistance. <i>Carcinogenesis</i> , 2002, 23, 1039-1046.	1.3	30

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37	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, 420-426.	1.2	30
38	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.	2.0	28
39	Effect of cell confluence on ultraviolet light apoptotic responses in DNA repair deficient cells. <i>Mutation Research - Reviews in Mutation Research</i> , 2003, 544, 159-166.	2.4	26
40	Pomolic acid triggers mitochondria-dependent apoptotic cell death in leukemia cell line. <i>Cancer Letters</i> , 2005, 219, 49-55.	3.2	26
41	Epigenetic regulation of nitric oxide synthase 2, inducible (Nos2) by NLRC4 inflammasomes involves PARP1 cleavage. <i>Scientific Reports</i> , 2017, 7, 41686.	1.6	26
42	DNA-Binding Properties of Cosmomycin D, an Anthracycline with Two Trisaccharide Chains. <i>Journal of Antibiotics</i> , 2004, 57, 647-654.	1.0	25
43	Staining of Suspension Cells with Hoechst 33258 to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4492-pdb.prot4492.	0.2	25
44	Docosahexaenoic acid enhances the toxic effect of imatinib on Bcr-Abl expressing HL-60 cells. <i>Toxicology in Vitro</i> , 2007, 21, 1678-1685.	1.1	25
45	In vivo assessment of specific cytotoxic T lymphocyte killing. <i>Methods</i> , 2013, 61, 105-109.	1.9	25
46	Bcr-Abl-mediated resistance to apoptosis is independent of PI 3-kinase activity. <i>Cell Death and Differentiation</i> , 1997, 4, 548-554.	5.0	24
47	Pomolic acid may overcome multidrug resistance mediated by overexpression of anti-apoptotic Bcl-2 proteins. <i>Cancer Letters</i> , 2007, 245, 315-320.	3.2	23
48	Impaired Macrophage Responses May Contribute to Exacerbation of Blood-Stage <i>Plasmodium chabaudi</i> Malaria in Interleukin-12-Deficient Mice. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 1191-1199.	0.5	22
49	A rapid and sensitive method for the screening of DNA intercalating antibiotics. <i>Biotechnology Letters</i> , 2002, 24, 1807-1813.	1.1	21
50	Hypoxia Inducible Factor-Dependent Regulation of Angiogenesis by Nitro-Fatty Acids. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1360-1367.	1.1	21
51	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.	1.5	21
52	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, 1099-1107.	5.0	20
53	<i>Ureaplasma diversum</i> Genome Provides New Insights about the Interaction of the Surface Molecules of This Bacterium with the Host. <i>PLoS ONE</i> , 2016, 11, e0161926.	1.1	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. <i>Blood</i> , 1998, 91, 1700-1705.	0.6	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. <i>Prostaglandins and Other Lipid Mediators</i> , 2006, 80, 62-73.	1.0	19
56	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-e3176.	2.7	19
57	Calpain Functions in a Caspase-Independent Manner to Promote Apoptosis-Like Events During Platelet Activation. <i>Blood</i> , 1999, 94, 1683-1692.	0.6	19
58	Cloning of a Thymic Stromal Cell Capable of Protecting Thymocytes from Apoptosis. <i>Cellular Immunology</i> , 1995, 161, 173-180.	1.4	18
59	Control of death receptor ligand activity by posttranslational modifications. <i>Cellular and Molecular Life Sciences</i> , 2010, 67, 1631-1642.	2.4	18
60	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, 343-356.	1.5	18
61	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, 383-392.	1.7	17
62	Butyrate Increases Apoptosis Induced by Different Antineoplastic Drugs in Monocytic Leukemia Cells. <i>Chemotherapy</i> , 2004, 50, 221-228.	0.8	17
63	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, 2579-2585.	1.6	16
64	Sustained activation of p53 in confluent nucleotide excision repair-deficient cells resistant to ultraviolet-induced apoptosis. <i>DNA Repair</i> , 2008, 7, 922-931.	1.3	15
65	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-e3114.	2.7	15
66	Inhibition of interferon- γ -induced nitric oxide production in endotoxin-activated macrophages by cytolethal distending toxin. <i>Oral Microbiology and Immunology</i> , 2008, 23, 360-366.	2.8	14
67	Evaluation of pyroptosis in macrophages using cytosolic delivery of purified flagellin. <i>Methods</i> , 2013, 61, 110-116.	1.9	11
68	Adenovirus mediated transduction of the human DNA polymerase eta cDNA. <i>DNA Repair</i> , 2006, 5, 925-934.	1.3	10
69	Involvement of DNA replication in ultraviolet-induced apoptosis of mammalian cells. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1139-1148.	2.2	10
70	TLR3 Is a Negative Regulator of Immune Responses Against <i>Paracoccidioides brasiliensis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 426.	1.8	10
71	Conversion of CD95 (Fas) Type II into Type I signaling by sub-lethal doses of cycloheximide. <i>Experimental Cell Research</i> , 2008, 314, 554-563.	1.2	9
72	Propidium Iodide (PI) Uptake Assay to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4495.	0.2	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. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2008, 640, 1-7.	0.4	8
74	Blockade of caspase cascade overcomes malaria-associated acute respiratory distress syndrome in mice. <i>Cell Death and Disease</i> , 2022, 13, 144.	2.7	7
75	Thymic Epithelial Cells Mediate a Bcl-2-Independent Protection of Single-Positive Thymocytes from Dexamethasone-Induced Apoptosis. <i>Experimental Cell Research</i> , 2002, 272, 119-126.	1.2	6
76	TUNEL Staining of Tissue Sections to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4496.	0.2	5
77	Involvement of memory T-cells in the pathophysiology of chronic lymphocytic leukemia. <i>Revista Brasileira De Hematologia E Hemoterapia</i> , 2014, 36, 60-64.	0.7	5
78	Apoptosis induced by butyrate is independent of Jak/STAT signaling in a fibrosarcoma cell line. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 968-973.	1.0	4
79	Long non-coding RNA INXS is a critical mediator of BCL-XS induced apoptosis. <i>Nucleic Acids Research</i> , 2016, 44, gkw713.	6.5	4
80	RIPK3 and Caspase-1/11 Are Necessary for Optimal Antigen-Specific CD8 T Cell Response Elicited by Genetically Modified <i>Listeria monocytogenes</i> . <i>Frontiers in Immunology</i> , 2020, 11, 536.	2.2	4
81	Cytotoxic Lymphocyte Killing Enters the Ice Age. <i>Advances in Experimental Medicine and Biology</i> , 1996, 406, 29-37.	0.8	4
82	Detection of Phosphatidylserine Externalization During Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4494-pdb.prot4494.	0.2	4
83	Analysis of TUNEL Staining by Flow Cytometry to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4463.	0.2	3
84	Improving the therapeutic potential of endostatin by fusing it with the BAX BH3 death domain. <i>Cell Death and Disease</i> , 2014, 5, e1371-e1371.	2.7	3
85	TUNEL Staining of Adherent Cells to Detect Apoptosis. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4433.	0.2	3
86	Suppression of IgE antibody production against an unrelated antigen in experimental murine paracoccidioidomycosis. <i>Medical Mycology</i> , 1989, 27, 243-252.	0.3	2
87	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.	0.1	2
88	Absence of Bim sensitizes mice to experimental <i>Trypanosoma cruzi</i> infection. <i>Cell Death and Disease</i> , 2021, 12, 692.	2.7	2
89	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.	1.1	1
90	Analysis of DNA Fragmentation Using Propidium Iodide (PI) Staining After Ethanol Fixation. <i>Cold Spring Harbor Protocols</i> , 2006, 2006, pdb.prot4431.	0.2	1

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91	Cell death and the well of the organism. Cellular and Molecular Life Sciences, 2010, 67, 1565-1566.	2.4	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.	0.6	0
93	Expression of BCR-ABL Does Not Inhibit Apoptosis In Vitro, on a B Lymphoblastoid Cell Line.. Blood, 2004, 104, 4242-4242.	0.6	0
94	Bcr-Abl Protection of Fas-Induced Apoptosis.. Blood, 2004, 104, 4243-4243.	0.6	0
95	Analysis of DNA Fragmentation Using the JAM Assay. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4432.	0.2	0
96	Biochemical Analysis of Cell Death Using Colorimetric Quantification of Caspase Activation. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4435.	0.2	0
97	Analysis of DNA Fragmentation Using Propidium Iodide (PI) Fluorescence of Individual Nuclei. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4430.	0.2	0
98	Microscopic Analysis of Mitochondrial Transmembrane Potential (Ψ_m). Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4462.	0.2	0
99	Leukostat Staining of Cytospin Preparations to Detect Apoptosis. Cold Spring Harbor Protocols, 2006, 2006, pdb.prot4491-pdb.prot4491.	0.2	0
100	Abstract 195: Cell death pathway activation during monocytic / macrophagic differentiation of hematopoietic tumor cell lines. , 2011, , .		0