Pedro M. Persechini

List of Publications by Year
in descending order

52 papers	2,831 citations	201674 27 h-index	182427 51 g-index
52 all docs	52 docs citations	52 times ranked	3110 citing authors

#	Article	IF	Citations
1	ATP Activates a Reactive Oxygen Species-dependent Oxidative Stress Response and Secretion of Proinflammatory Cytokines in Macrophages. Journal of Biological Chemistry, 2007, 282, 2871-2879.	3.4	661
2	P_{2Z}/P2X₇receptor-dependent apoptosis of dendritic cells. American Journal of Physiology - Cell Physiology, 1999, 276, C1139-C1147.	4.6	204
3	Structural and functional identification of GP57/51 antigen of Trypanosoma cruzi as a cysteine proteinase. Molecular and Biochemical Parasitology, 1990, 43, 27-38.	1.1	171
4	Purified perforin induces target cell lysis but not DNA fragmentation.. Journal of Experimental Medicine, 1989, 170, 1451-1456.	8.5	162
5	The role of purinergic P2X7 receptors in the inflammation and fibrosis of unilateral ureteral obstruction in mice. Kidney International, 2006, 70, 1599-1606.	5.2	107
6	Distinct Kinetics of Effector CD8 + Cytotoxic T Cells after Infection with Trypanosoma cruzi in NaiÌˆve or Vaccinated Mice. Infection and Immunity, 2006, 74, 2477-2481.	2.2	99
7	Modulation of P2Z/P2X₇receptor activity in macrophages infected with<i>Chlamydia psittaci</i>. American Journal of Physiology - Cell Physiology, 2001, 280, C81-C89.	4.6	97
8	Perforin and Gamma Interferon Expression Are Required for CD4⁺and CD8⁺T-Cell-Dependent Protective Immunity against a Human Parasite,<i>Trypanosoma cruzi</i>, Elicited by Heterologous Plasmid DNA Prime-Recombinant Adenovirus 5 Boost Vaccination. Infection and Immunity, 2009, 77, 4383-4395.	2.2	88
9	Perforin-Dependent and -Independent Pathways of Cytotoxicity Mediated by Lymphocytes. Immunological Reviews, 1988, 103, 161-202.	6.0	83
10	Modulation of P2X7 purinergic receptor in macrophages by Leishmania amazonensis and its role in parasite elimination. Microbes and Infection, 2009, 11, 842-849.	1.9	75
11	Perforin and Lymphocyte-mediated Cytolysis. Immunological Reviews, 1995, 146, 145-175.	6.0	72
12	ATP-induced P2X7-associated uptake of large molecules involves distinct mechanisms for cations and anions in macrophages. Journal of Cell Science, 2008, 121, 3261-3270.	2.0	70
13	Multiple P2X and P2Y receptor subtypes in mouse J774, spleen and peritoneal macrophages. Biochemical Pharmacology, 2005, 69, 641-655.	4.4	60
14	The structure of the mouse lymphocyte pore-forming protein perforin. Biochemical and Biophysical Research Communications, 1989, 158, 1-10.	2.1	59
15	Modulation of CD4+ T Cell-Dependent Specific Cytotoxic CD8+ T Cells Differentiation and Proliferation by the Timing of Increase in the Pathogen Load. PLoS ONE, 2007, 2, e393.	2.5	54
16	Resistance of cytolytic lymphocytes to perforin-mediated killing. Lack of correlation with complement-associated homologous species restriction.. Journal of Experimental Medicine, 1988, 168, 2207-2219.	8.5	51
17	Modulation of intercellular communication in macrophages: possible interactions between GAP junctions and P2 receptors. Journal of Cell Science, 2004, 117, 4717-4726.	2.0	49
18	The role of P2 receptors in controlling infections by intracellular pathogens. Purinergic Signalling, 2007, 3, 83-90.	2.2	45

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19	Extracellular ATP induces cell death in CD4+/CD8+ double-positive thymocytes in mice infected with Trypanosoma cruzi. Microbes and Infection, 2003, 5, 1363-1371.	1.9	39
20	Membrane channel formation by the lymphocyte pore-forming protein: comparison between susceptible and resistant target cells.. Journal of Cell Biology, 1990, 110, 2109-2116.	5.2	36
21	Activation of ERK1/2 by extracellular nucleotides in macrophages is mediated by multiple P2 receptors independently of P2X7 -associated pore or channel formation. British Journal of Pharmacology, 2006, 147, 324-334.	5.4	36
22	Electrophysiology of phagocytic membranes: Induction of slow membrane hyperpolarizations in macrophages and macrophage polykaryons by intracellular calcium injection. Journal of Membrane Biology, 1981, 61, 81-90.	2.1	35
23	ATP-induced apoptosis involves a Ca2+-independent phospholipase A2 and 5-lipoxygenase in macrophages. Prostaglandins and Other Lipid Mediators, 2009, 88, 51-61.	1.9	35
24	Cytolytic and ion channel-forming properties of the N terminus of lymphocyte perforin.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 4621-4625.	7.1	34
25	Evidence for a perforin-mediated mechanism controlling cardiac inflammation in Trypanosoma cruzi infection. International Journal of Experimental Pathology, 2002, 83, 67-79.	1.3	33
26	The primary structure of the lymphocyte pore-forming protein perforin: Partial amino acid sequencing and determination of isoelectric point. Biochemical and Biophysical Research Communications, 1988, 156, 740-745.	2.1	31
27	Resistance of cytolytic lymphocytes to perforin-mediated killing. Induction of resistance correlates with increase in cytotoxicity.. Journal of Experimental Medicine, 1989, 169, 2211-2225.	8.5	29
28	ATP induces the death of developing avian retinal neurons in culture via activation of P2X7 and glutamate receptors. Purinergic Signalling, 2013, 9, 15-29.	2.2	28
29	Differential Modulation of ATP-Induced P2X7-Associated Permeabilities to Cations and Anions of Macrophages by Infection with Leishmania amazonensis. PLoS ONE, 2011, 6, e25356.	2.5	27
30	Channel-forming activity of the perforin N-terminus and a putative .alpha.-helical region homologous with complement C9. Biochemistry, 1992, 31, 5017-5021.	2.5	26
31	Regulation of Extracellular ATP in Human Erythrocytes Infected with Plasmodium falciparum. PLoS ONE, 2014, 9, e96216.	2.5	23
32	Cytoplasts from cytotoxic t lymphocytes are resistant to perforin-mediated lysis. Molecular Immunology, 1991, 28, 1011-1018.	2.2	21
33	Modulation of extracellular matrix components by metalloproteinases and their tissue inhibitors during degeneration and regeneration of rat sural nerve. Brain Research, 2006, 1122, 36-46.	2.2	20
34	Characterization of Recombinant Mouse Perforin Expressed in Insect Cells Using the Baculovirus System. Biochemical and Biophysical Research Communications, 1994, 201, 318-325.	2.1	19
35	Apoptosis-inducing factor of a cytotoxic T cell line: involvement of a secretory phospholipase A2. Cell and Tissue Research, 2006, 324, 255-266.	2.9	18
36	P2X7 modulatory web in Trypanosoma cruzi infection. Parasitology Research, 2008, 103, 829-838.	1.6	17

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37	The lymphocyte pore-forming protein perforin is associated with granules by a pH-dependent mechanism. Immunology Letters, 1989, 22, 23-27.	2.5	16
38	Modulation of P2X7 receptor expression in macrophages from mineral oil-injected mice. Immunobiology, 2008, 213, 481-492.	1.9	13
39	Electrophysiology of phagocytic membranes. Role of divalent cations in membrane hyperpolarizations of macrophage polykaryons. Biochimica Et Biophysica Acta - Biomembranes, 1986, 856, 362-372.	2.6	12
40	Differential susceptibility of type III erythrocytes of paroxysmal nocturnal hemoglobinuria to lysis mediated by complement and perforin. Biochemical and Biophysical Research Communications, 1989, 162, 316-325.	2.1	12
41	Stage-specific distinctions in potassium channel blocker control of T-lymphocyte activation. International Journal of Immunopharmacology, 1988, 10, 217-226.	1.1	11
42	The distribution of perforin in normal tissues. Immunology Letters, 1991, 28, 195-199.	2.5	9
43	What Is Going on with Natural Killer Cells in HIV Infection?. International Archives of Allergy and Immunology, 2004, 133, 330-339.	2.1	9
44	Resistance to the pore-forming protein of cytotoxic T cells: Comparison of target cell membrane rigidity. Molecular Immunology, 1990, 27, 839-845.	2.2	8
45	Effect of Extracellular ATP on the Human Leukaemic Cell Line K562 and its Multidrug Counterpart. Molecular and Cellular Biochemistry, 2006, 289, 111-124.	3.1	6
46	Trypanosoma cruzi:Resistance to the Pore Forming Protein of Cytotoxic Lymphocytesâ€"Perforin. Experimental Parasitology, 1997, 86, 144-154.	1.2	5
47	Electrophysiology of phagocytic membranes: intracellular K+ activity and K+ equilibrium potential in macrophage polykaryons. Biochimica Et Biophysica Acta - Biomembranes, 1987, 899, 213-221.	2.6	4
48	The P2Z purinoceptor: an open question in the immune system. Trends in Immunology, 1996, 17, 292-293.	7.5	4
49	Depolarization of macrophage polykaryons in the absence of external sodium induces a cyclic stimulation of a calcium-activated potassium conductance. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 972, 283-292.	4.1	3
50	Heterogeneity of granules of murine cytolytic T lymphocytes isolation of a homogeneous population of dense granules. Journal of Immunological Methods, 1989, 124, 7-15.	1.4	3
51	Depolarization of macrophage polykaryons in the absence of external sodium induces a cyclic stimulation of a calcium-activated potassium conductance. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 972, 283-292.	1.0	2
52	Cell membrane damage in lymphocyte-mediated cytolysis. Biomembranes: A Multi-Volume Treatise, 1996, , 151-173.	0.1	0