

Pablo Alberto Gonzalez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93
papers

2,707
citations

30
h-index

49
g-index

106
ext. papers

3,408
ext. citations

6.6
avg, IF

5.11
L-index

#	Paper	IF	Citations
93	Andrographolide interferes with T cell activation and reduces experimental autoimmune encephalomyelitis in the mouse. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 312, 366-72	4.7	141
92	BCG-Induced Cross-Protection and Development of Trained Immunity: Implication for Vaccine Design. <i>Frontiers in Immunology</i> , 2019 , 10, 2806	8.4	129
91	T cell receptor binding kinetics required for T cell activation depend on the density of cognate ligand on the antigen-presenting cell. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4824-9	11.5	125
90	Aldosterone promotes autoimmune damage by enhancing Th17-mediated immunity. <i>Journal of Immunology</i> , 2010 , 184, 191-202	5.3	108
89	Respiratory syncytial virus impairs T cell activation by preventing synapse assembly with dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14999-5004	11.5	106
88	Salmonella escape from antigen presentation can be overcome by targeting bacteria to Fc gamma receptors on dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 4058-65	5.3	104
87	Protective T cell immunity against respiratory syncytial virus is efficiently induced by recombinant BCG. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 20822-7	11.5	95
86	Virulent Salmonella enterica serovar typhimurium evades adaptive immunity by preventing dendritic cells from activating T cells. <i>Infection and Immunity</i> , 2006 , 74, 6438-48	3.7	90
85	Specialized transduction designed for precise high-throughput unmarked deletions in Mycobacterium tuberculosis. <i>MBio</i> , 2014 , 5, e01245-14	7.8	83
84	Herpes simplex type 2 virus deleted in glycoprotein D protects against vaginal, skin and neural disease. <i>ELife</i> , 2015 , 4,	8.9	79
83	Maternal hypothyroxinemia impairs spatial learning and synaptic nature and function in the offspring. <i>Endocrinology</i> , 2008 , 149, 5097-106	4.8	67
82	Host immunity during RSV pathogenesis. <i>International Immunopharmacology</i> , 2008 , 8, 1320-9	5.8	64
81	HSV activates Akt to trigger calcium release and promote viral entry: novel candidate target for treatment and suppression. <i>FASEB Journal</i> , 2013 , 27, 2584-99	0.9	57
80	Modulation of Antiviral Immunity by Heme Oxygenase-1. <i>American Journal of Pathology</i> , 2017 , 187, 487-493	4.3	56
79	The capacity of Salmonella to survive inside dendritic cells and prevent antigen presentation to T cells is host specific. <i>Immunology</i> , 2008 , 124, 522-33	7.8	55
78	Modulating the function of the immune system by thyroid hormones and thyrotropin. <i>Immunology Letters</i> , 2017 , 184, 76-83	4.1	53
77	Herpes Simplex Virus Type 1 Infection of the Central Nervous System: Insights Into Proposed Interrelationships With Neurodegenerative Disorders. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 46	6.1	53

76	Herpes Simplex Virus Evasion of Early Host Antiviral Responses. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 127	5.9	51
75	Evasion of early antiviral responses by herpes simplex viruses. <i>Mediators of Inflammation</i> , 2015 , 2015, 593757	4.3	46
74	Advances in understanding respiratory syncytial virus infection in airway epithelial cells and consequential effects on the immune response. <i>Microbes and Infection</i> , 2013 , 15, 230-42	9.3	45
73	Modulation of nuclear factor-kappaB activity can influence the susceptibility to systemic lupus erythematosus. <i>Immunology</i> , 2009 , 128, e306-14	7.8	45
72	Modulation of T cell function by TCR/pMHC binding kinetics. <i>Immunobiology</i> , 2006 , 211, 47-64	3.4	44
71	Opposing roles of IL-10 in acute bacterial infection. <i>Cytokine and Growth Factor Reviews</i> , 2016 , 32, 17-30	17.9	42
70	Herpes simplex virus type 2 glycoprotein H interacts with integrin $\alpha 3 \beta 1$ to facilitate viral entry and calcium signaling in human genital tract epithelial cells. <i>Journal of Virology</i> , 2014 , 88, 10026-38	6.6	42
69	Modulation of immunological synapse by membrane-bound and soluble ligands. <i>Cytokine and Growth Factor Reviews</i> , 2007 , 18, 19-31	17.9	40
68	Respiratory syncytial virus infection and immunity. <i>Reviews in Medical Virology</i> , 2012 , 22, 230-44	11.7	37
67	T cell immunity evasion by virulent Salmonella enterica. <i>Immunology Letters</i> , 2007 , 111, 14-20	4.1	37
66	Heme Oxygenase-1 Modulates Human Respiratory Syncytial Virus Replication and Lung Pathogenesis during Infection. <i>Journal of Immunology</i> , 2017 , 199, 212-223	5.3	33
65	"Therapeutic uses of natural astaxanthin: An evidence-based review focused on human clinical trials". <i>Pharmacological Research</i> , 2021 , 166, 105479	10.2	33
64	Contribution of autophagy to antiviral immunity. <i>FEBS Letters</i> , 2015 , 589, 3461-70	3.8	31
63	Herpes simplex virus 2 infection: molecular association with HIV and novel microbicides to prevent disease. <i>Medical Microbiology and Immunology</i> , 2015 , 204, 161-76	4	30
62	Local cytokine response upon respiratory syncytial virus infection. <i>Immunology Letters</i> , 2011 , 136, 122-9	4.1	29
61	Current Antivirals and Novel Botanical Molecules Interfering With Herpes Simplex Virus Infection. <i>Frontiers in Microbiology</i> , 2020 , 11, 139	5.7	28
60	Human Respiratory Syncytial Virus: Infection and Pathology. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016 , 37, 522-37	3.9	28
59	Human metapneumovirus keeps dendritic cells from priming antigen-specific naive T cells. <i>Immunology</i> , 2013 , 139, 366-76	7.8	27

58	Hypothyroidism in the adult rat causes incremental changes in brain-derived neurotrophic factor, neuronal and astrocyte apoptosis, gliosis, and deterioration of postsynaptic density. <i>Thyroid</i> , 2012 , 22, 951-63	6.2	26
57	T-cell antagonism by short half-life pMHC ligands can be mediated by an efficient trapping of T-cell polarization toward the APC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 210-5	11.5	23
56	Modulation of the dendritic cell-T-cell synapse to promote pathogen immunity and prevent autoimmunity. <i>Immunotherapy</i> , 2011 , 3, 6-11	3.8	23
55	Cytokines in the Respiratory Airway as Biomarkers of Severity and Prognosis for Respiratory Syncytial Virus Infection: An Update. <i>Frontiers in Immunology</i> , 2019 , 10, 1154	8.4	21
54	Impairment of T cell immunity by the respiratory syncytial virus: targeting virulence mechanisms for therapy and prophylaxis. <i>Current Medicinal Chemistry</i> , 2009 , 16, 4609-25	4.3	21
53	Recognition of Variants of Concern by Antibodies and T Cells Induced by a SARS-CoV-2 Inactivated Vaccine. <i>Frontiers in Immunology</i> , 2021 , 12, 747830	8.4	21
52	Human Metapneumovirus: Mechanisms and Molecular Targets Used by the Virus to Avoid the Immune System. <i>Frontiers in Immunology</i> , 2018 , 9, 2466	8.4	21
51	Experimental Dissection of the Lytic Replication Cycles of Herpes Simplex Viruses. <i>Frontiers in Microbiology</i> , 2018 , 9, 2406	5.7	20
50	Contribution of Fcγ receptors to human respiratory syncytial virus pathogenesis and the impairment of T-cell activation by dendritic cells. <i>Immunology</i> , 2016 , 147, 55-72	7.8	19
49	Enhanced specialized transduction using recombineering in Mycobacterium tuberculosis. <i>MBio</i> , 2014 , 5, e01179-14	7.8	19
48	The duration of TCR/pMHC interactions regulates CTL effector function and tumor-killing capacity. <i>European Journal of Immunology</i> , 2009 , 39, 2259-69	6.1	19
47	Altered chemokine receptor expression in papillary thyroid cancer. <i>Thyroid</i> , 2009 , 19, 957-65	6.2	18
46	Pharmacological Induction of Heme Oxygenase-1 Impairs Nuclear Accumulation of Herpes Simplex Virus Capsids upon Infection. <i>Frontiers in Microbiology</i> , 2017 , 8, 2108	5.7	17
45	The role of myeloid-derived suppressor cells in chronic infectious diseases and the current methodology available for their study. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 857-872	6.5	17
44	Contribution of Resident Memory CD8 T Cells to Protective Immunity Against Respiratory Syncytial Virus and Their Impact on Vaccine Design. <i>Pathogens</i> , 2019 , 8,	4.5	14
43	Gestational hypothyroidism increases the severity of experimental autoimmune encephalomyelitis in adult offspring. <i>Thyroid</i> , 2013 , 23, 1627-37	6.2	14
42	Interleukin-10 Production by T and B Cells Is a Key Factor to Promote Systemic Serovar Typhimurium Infection in Mice. <i>Frontiers in Immunology</i> , 2017 , 8, 889	8.4	13
41	Gene Deletion in Herpes Simplex Virus Type 2 Enhances Dendritic Cell Function and T Cell Activation. <i>Frontiers in Immunology</i> , 2017 , 8, 1523	8.4	13

40	Understanding respiratory syncytial virus infection to improve treatment and immunity. <i>Current Molecular Medicine</i> , 2013 , 13, 1122-39	2.5	13
39	Safety and immunogenicity evaluation of recombinant BCG vaccine against respiratory syncytial virus in a randomized, double-blind, placebo-controlled phase I clinical trial. <i>EClinicalMedicine</i> , 2020 , 27, 100517	11.3	13
38	Central nervous system alterations caused by infection with the human respiratory syncytial virus. <i>Reviews in Medical Virology</i> , 2014 , 24, 407-19	11.7	12
37	Novel therapies and vaccines against the human respiratory syncytial virus. <i>Expert Opinion on Investigational Drugs</i> , 2015 , 24, 1613-30	5.9	11
36	Contribution of hypoxia inducible factor-1 during viral infections. <i>Virulence</i> , 2020 , 11, 1482-1500	4.7	11
35	Comparative and phylogenetic analysis of a novel family of Enterobacteriaceae-associated genomic islands that share a conserved excision/integration module. <i>Scientific Reports</i> , 2018 , 8, 10292	4.9	11
34	Lung pathology due to hRSV infection impairs blood-brain barrier permeability enabling astrocyte infection and a long-lasting inflammation in the CNS. <i>Brain, Behavior, and Immunity</i> , 2021 , 91, 159-171	16.6	11
33	Immune-Modulation by the Human Respiratory Syncytial Virus: Focus on Dendritic Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 810	8.4	10
32	A Herpes Simplex Virus Type 2 Deleted for Glycoprotein D Enables Dendritic Cells to Activate CD4 and CD8 T Cells. <i>Frontiers in Immunology</i> , 2017 , 8, 904	8.4	10
31	Modulation of tumor immunity by soluble and membrane-bound molecules at the immunological synapse. <i>Clinical and Developmental Immunology</i> , 2013 , 2013, 450291		10
30	A de novo unequal cross-over mutation between CYP11B1 and CYP11B2 genes causes familial hyperaldosteronism type I. <i>Journal of Endocrinological Investigation</i> , 2011 , 34, 140-4	5.2	9
29	Horizontally Acquired Homologs of Xenogeneic Silencers: Modulators of Gene Expression Encoded by Plasmids, Phages and Genomic Islands. <i>Genes</i> , 2020 , 11,	4.2	9
28	Immune Profile and Clinical Outcome of Breakthrough Cases After Vaccination With an Inactivated SARS-CoV-2 Vaccine. <i>Frontiers in Immunology</i> , 2021 , 12, 742914	8.4	9
27	Cetylpyridinium chloride blocks herpes simplex virus replication in gingival fibroblasts. <i>Antiviral Research</i> , 2020 , 179, 104818	10.8	8
26	Innate immune cells for immunotherapy of autoimmune and cancer disorders. <i>International Reviews of Immunology</i> , 2017 , 36, 315-337	4.6	8
25	Use of genetically modified bacteria to modulate adaptive immunity. <i>Current Gene Therapy</i> , 2009 , 9, 171-84	4.4	8
24	Evasi3 de la respuesta inmune por virus herpes simplex. <i>Revista Chilena De Infectologia</i> , 2015 , 32, 58-70	0	7
23	Immune response during hantavirus diseases: implications for immunotherapies and vaccine design. <i>Immunology</i> , 2021 , 163, 262-277	7.8	7

22	Contribution of IDO to human respiratory syncytial virus infection. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 933-942	6.5	5
21	Contribution of Fcγ Receptor-Mediated Immunity to the Pathogenesis Caused by the Human Respiratory Syncytial Virus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 75	5.9	5
20	Anti-herpetic Activity of and Algae Extracts Against HSV-1 and HSV-2. <i>Frontiers in Microbiology</i> , 2020 , 11, 2006	5.7	5
19	Immune Evasion by Herpes Simplex Viruses 2016 ,		5
18	Gestational Hypothyroxinemia Imprints a Switch in the Capacity of Astrocytes and Microglial Cells of the Offspring to React in Inflammation. <i>Molecular Neurobiology</i> , 2018 , 55, 4373-4387	6.2	4
17	Crosstalk Between Epithelial Cells, Neurons and Immune Mediators in HSV-1 Skin Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 662234	8.4	4
16	Characterization of the Anti-Inflammatory Capacity of IL-10-Producing Neutrophils in Response to Infection. <i>Frontiers in Immunology</i> , 2021 , 12, 638917	8.4	3
15	Asymptomatic Herpes Simplex Virus Type 1 Infection Causes an Earlier Onset and More Severe Experimental Autoimmune Encephalomyelitis. <i>Frontiers in Immunology</i> , 2021 , 12, 635257	8.4	3
14	A booster dose of an inactivated SARS-CoV-2 vaccine increases neutralizing antibodies and T cells that recognize Delta and Omicron variants of concern. 2022 ,		2
13	Author response: Herpes simplex type 2 virus deleted in glycoprotein D protects against vaginal, skin and neural disease 2015 ,		2
12	Modulation of Endosome Function, Vesicle Trafficking and Autophagy by Human Herpesviruses. <i>Cells</i> , 2021 , 10,	7.9	2
11	IL-10-Dependent Amelioration of Chronic Inflammatory Disease by Microdose Subcutaneous Delivery of a Prototypic Immunoregulatory Small Molecule. <i>Frontiers in Immunology</i> , 2021 , 12, 708955	8.4	2
10	Impact of Hypoxia over Human Viral Infections and Key Cellular Processes. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
9	Herpes simplex virus interference with immunity: Focus on dendritic cells.. <i>Virulence</i> , 2021 , 12, 2583-2607.	7.7	1
8	BCG-Based Vaccines Elicit Antigen-Specific Adaptive and Trained Immunity against SARS-CoV-2 and Andes orthohantavirus. <i>Vaccines</i> , 2022 , 10, 721	5.3	1
7	Pharmacological Inhibition of IRE-1 Alpha Activity in Herpes Simplex Virus Type 1 and Type 2-Infected Dendritic Cells Enhances T Cell Activation.. <i>Frontiers in Immunology</i> , 2021 , 12, 764861	8.4	0
6	Modulation of Adaptive Immunity and Viral Infections by Ion Channels. <i>Frontiers in Physiology</i> , 2021 , 12, 736681	4.6	0
5	Thyroid Gene Mutations in Pregnant and Breastfeeding Women Diagnosed With Transient Congenital Hypothyroidism: Implications for the Offspring's Health. <i>Frontiers in Endocrinology</i> , 2021 , 12, 679002	5.7	0

- 4 Herpes Simplex Viruses Type 1 and Type 2 Infection and Immunity **2021**, 0
- 3 Bioinformatic and experimental characterization of SEN1998: a conserved gene carried by the Enterobacteriaceae-associated ROD21-like family of genomic islands.. *Scientific Reports*, **2022**, 12, 2435 4.9 0
- 2 HYPOTHYROIDISM IN THE ADULT RAT CAUSES AN INCREMENT OF BDNF IN THE BRAIN, NEURONAL AND ASTROCYTE APOPTOSIS, GLIOSIS AND DETERIORATION OF THE POSTSYNAPTIC DENSITY.. *Thyroid*,120516104716000 6.2
- 1 Limited Heme Oxygenase Contribution to Modulating the Severity of Salmonella enterica serovar Typhimurium Infection. *Antioxidants*, **2022**, 11, 1040 7.1