Pablo Alberto Gonzalez

List of Publications by Year
in descending order

97 papers	3,967 citations	109137 35 h-index	143772 57 g-index
106 all docs	106 docs citations	106 times ranked	5440 citing authors

#	Article	IF	Citations
1	BCG-Induced Cross-Protection and Development of Trained Immunity: Implication for Vaccine Design. Frontiers in Immunology, 2019, 10, 2806.	2.2	225
2	Andrographolide Interferes with T Cell Activation and Reduces Experimental Autoimmune Encephalomyelitis in the Mouse. Journal of Pharmacology and Experimental Therapeutics, 2005, 312, 366-372.	1.3	162
3	T cell receptor binding kinetics required for T cell activation depend on the density of cognate ligand on the antigen-presenting cell. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4824-4829.	3.3	151
4	Aldosterone Promotes Autoimmune Damage by Enhancing Th17-Mediated Immunity. Journal of Immunology, 2010, 184, 191-202.	0.4	147
5	Specialized Transduction Designed for Precise High-Throughput Unmarked Deletions in Mycobacterium tuberculosis. MBio, 2014, 5, e01245-14.	1.8	135
6	SalmonellaEscape from Antigen Presentation Can Be Overcome by Targeting Bacteria to FcÎ³ Receptors on Dendritic Cells. Journal of Immunology, 2004, 173, 4058-4065.	0.4	122
7	Respiratory syncytial virus impairs T cell activation by preventing synapse assembly with dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 14999-15004.	3.3	117
8	Protective T cell immunity against respiratory syncytial virus is efficiently induced by recombinant BCG. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20822-20827.	3.3	111
9	Herpes Simplex Virus Type 1 Infection of the Central Nervous System: Insights Into Proposed Interrelationships With Neurodegenerative Disorders. Frontiers in Cellular Neuroscience, 2019, 13, 46.	1.8	104
10	Virulent Salmonella enterica Serovar Typhimurium Evades Adaptive Immunity by Preventing Dendritic Cells from Activating T Cells. Infection and Immunity, 2006, 74, 6438-6448.	1.0	103
11	â€œTherapeutic uses of natural astaxanthin: An evidence-based review focused on human clinical trialsâ€• Pharmacological Research, 2021, 166, 105479.	3.1	98
12	Herpes simplex type 2 virus deleted in glycoprotein D protects against vaginal, skin and neural disease. ELife, 2015, 4, .	2.8	96
13	Modulation of Antiviral Immunity by Heme Oxygenase-1. American Journal of Pathology, 2017, 187, 487-493.	1.9	95
14	Maternal Hypothyroxinemia Impairs Spatial Learning and Synaptic Nature and Function in the Offspring. Endocrinology, 2008, 149, 5097-5106.	1.4	90
15	Herpes Simplex Virus Evasion of Early Host Antiviral Responses. Frontiers in Cellular and Infection Microbiology, 2019, 9, 127.	1.8	89
16	Modulating the function of the immune system by thyroid hormones and thyrotropin. Immunology Letters, 2017, 184, 76-83.	1.1	86
17	HSV activates Akt to trigger calcium release and promote viral entry: novel candidate target for treatment and suppression. FASEB Journal, 2013, 27, 2584-2599.	0.2	78
18	Host immunity during RSV pathogenesis. International Immunopharmacology, 2008, 8, 1320-1329.	1.7	73

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19	The capacity ofSalmonellato survive inside dendritic cells and prevent antigen presentation to T cells is host specific. Immunology, 2008, 124, 522-533.	2.0	69
20	Recognition of Variants of Concern by Antibodies and T Cells Induced by a SARS-CoV-2 Inactivated Vaccine. Frontiers in Immunology, 2021, 12, 747830.	2.2	69
21	Opposing roles of IL-10 in acute bacterial infection. Cytokine and Growth Factor Reviews, 2016, 32, 17-30.	3.2	61
22	Current Antivirals and Novel Botanical Molecules Interfering With Herpes Simplex Virus Infection. Frontiers in Microbiology, 2020, 11, 139.	1.5	59
23	Heme Oxygenase-1 Modulates Human Respiratory Syncytial Virus Replication and Lung Pathogenesis during Infection. Journal of Immunology, 2017, 199, 212-223.	0.4	58
24	Evasion of Early Antiviral Responses by Herpes Simplex Viruses. Mediators of Inflammation, 2015, 2015, 1-16.	1.4	55
25	Modulation of T cell function by TCR/pMHC binding kinetics. Immunobiology, 2006, 211, 47-64.	0.8	52
26	Immune Profile and Clinical Outcome of Breakthrough Cases After Vaccination With an Inactivated SARS-CoV-2 Vaccine. Frontiers in Immunology, 2021, 12, 742914.	2.2	52
27	Modulation of nuclear factorâ€ºB activity can influence the susceptibility to systemic lupus erythematosus. Immunology, 2009, 128, e306-14.	2.0	51
28	Advances in understanding respiratory syncytial virus infection in airway epithelial cells and consequential effects on the immune response. Microbes and Infection, 2013, 15, 230-242.	1.0	51
29	Herpes Simplex Virus Type 2 Glycoprotein H Interacts with Integrin Î±vÎ²3 To Facilitate Viral Entry and Calcium Signaling in Human Genital Tract Epithelial Cells. Journal of Virology, 2014, 88, 10026-10038.	1.5	51
30	Human Respiratory Syncytial Virus: Infection and Pathology. Seminars in Respiratory and Critical Care Medicine, 2016, 37, 522-537.	0.8	50
31	Cytokines in the Respiratory Airway as Biomarkers of Severity and Prognosis for Respiratory Syncytial Virus Infection: An Update. Frontiers in Immunology, 2019, 10, 1154.	2.2	48
32	Respiratory syncytial virus infection and immunity. Reviews in Medical Virology, 2012, 22, 230-244.	3.9	44
33	Modulation of immunological synapse by membrane-bound and soluble ligands. Cytokine and Growth Factor Reviews, 2007, 18, 19-31.	3.2	41
34	Herpes simplex virus 2 infection: molecular association with HIV and novel microbicides to prevent disease. Medical Microbiology and Immunology, 2015, 204, 161-176.	2.6	39
35	Human Metapneumovirus: Mechanisms and Molecular Targets Used by the Virus to Avoid the Immune System. Frontiers in Immunology, 2018, 9, 2466.	2.2	39
36	T cell immunity evasion by virulent Salmonella enterica. Immunology Letters, 2007, 111, 14-20.	1.1	38

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37	Experimental Dissection of the Lytic Replication Cycles of Herpes Simplex Viruses in vitro. Frontiers in Microbiology, 2018, 9, 2406.	1.5	37
38	Hypothyroidism in the Adult Rat Causes Incremental Changes in Brain-Derived Neurotrophic Factor, Neuronal and Astrocyte Apoptosis, Gliosis, and Deterioration of Postsynaptic Density. Thyroid, 2012, 22, 951-963.	2.4	36
39	Human metapneumovirus keeps dendritic cells from priming antigenâ€specific naive <scp>T</scp> cells. Immunology, 2013, 139, 366-376.	2.0	34
40	Contribution of autophagy to antiviral immunity. FEBS Letters, 2015, 589, 3461-3470.	1.3	34
41	Local cytokine response upon respiratory syncytial virus infection. Immunology Letters, 2011, 136, 122-129.	1.1	31
42	Interleukin-10 Production by T and B Cells Is a Key Factor to Promote Systemic Salmonella enterica Serovar Typhimurium Infection in Mice. Frontiers in Immunology, 2017, 8, 889.	2.2	30
43	Safety and immunogenicity evaluation of recombinant BCG vaccine against respiratory syncytial virus in a randomized, double-blind, placebo-controlled phase I clinical trial. EClinicalMedicine, 2020, 27, 100517.	3.2	30
44	Modulation of the dendritic cellâ€“T-cell synapse to promote pathogen immunity and prevent autoimmunity. Immunotherapy, 2011, 3, 6-11.	1.0	28
45	Enhanced Specialized Transduction Using Recombineering in Mycobacterium tuberculosis. MBio, 2014, 5, e01179-14.	1.8	25
46	The duration of TCR/pMHC interactions regulates CTL effector function and tumorâ€killing capacity. European Journal of Immunology, 2009, 39, 2259-2269.	1.6	24
47	T-cell antagonism by short half-life pMHC ligands can be mediated by an efficient trapping of T-cell polarization toward the APC. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 210-215.	3.3	24
48	Gestational Hypothyroidism Increases the Severity of Experimental Autoimmune Encephalomyelitis in Adult Offspring. Thyroid, 2013, 23, 1627-1637.	2.4	24
49	Pharmacological Induction of Heme Oxygenase-1 Impairs Nuclear Accumulation of Herpes Simplex Virus Capsids upon Infection. Frontiers in Microbiology, 2017, 8, 2108.	1.5	24
50	Contribution of Resident Memory CD8+ T Cells to Protective Immunity Against Respiratory Syncytial Virus and Their Impact on Vaccine Design. Pathogens, 2019, 8, 147.	1.2	24
51	Contribution of hypoxia inducible factor-1 during viral infections. Virulence, 2020, 11, 1482-1500.	1.8	24
52	Impairment of T Cell Immunity by the Respiratory Syncytial Virus: Targeting Virulence Mechanisms for Therapy and Prophylaxis. Current Medicinal Chemistry, 2009, 16, 4609-4625.	1.2	22
53	Contribution of FcÎ³ receptors to human respiratory syncytial virus pathogenesis and the impairment of Tâ€cell activation by dendritic cells. Immunology, 2016, 147, 55-72.	2.0	22
54	The role of myeloid-derived suppressor cells in chronic infectious diseases and the current methodology available for their study. Journal of Leukocyte Biology, 2019, 105, 857-872.	1.5	22

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55	Altered Chemokine Receptor Expression in Papillary Thyroid Cancer. Thyroid, 2009, 19, 957-965.	2.4	21
56	Central nervous system alterations caused by infection with the human respiratory syncytial virus. Reviews in Medical Virology, 2014, 24, 407-419.	3.9	19
57	Lung pathology due to hRSV infection impairs bloodâ€“brain barrier permeability enabling astrocyte infection and a long-lasting inflammation in the CNS. Brain, Behavior, and Immunity, 2021, 91, 159-171.	2.0	19
58	Characterization of the Anti-Inflammatory Capacity of IL-10-Producing Neutrophils in Response to Streptococcus pneumoniae Infection. Frontiers in Immunology, 2021, 12, 638917.	2.2	19
59	Interplay between Lipid Metabolism, Lipid Droplets, and DNA Virus Infections. Cells, 2022, 11, 2224.	1.8	18
60	Innate immune cells for immunotherapy of autoimmune and cancer disorders. International Reviews of Immunology, 2017, 36, 315-337.	1.5	16
61	Immune-Modulation by the Human Respiratory Syncytial Virus: Focus on Dendritic Cells. Frontiers in Immunology, 2019, 10, 810.	2.2	16
62	Cetylpyridinium chloride blocks herpes simplex virus replication in gingival fibroblasts. Antiviral Research, 2020, 179, 104818.	1.9	16
63	US6 Gene Deletion in Herpes Simplex Virus Type 2 Enhances Dendritic Cell Function and T Cell Activation. Frontiers in Immunology, 2017, 8, 1523.	2.2	15
64	Comparative and phylogenetic analysis of a novel family of Enterobacteriaceae-associated genomic islands that share a conserved excision/integration module. Scientific Reports, 2018, 8, 10292.	1.6	15
65	Immune response during hantavirus diseases: implications for immunotherapies and vaccine design. Immunology, 2021, 163, 262-277.	2.0	15
66	Novel therapies and vaccines against the human respiratory syncytial virus. Expert Opinion on Investigational Drugs, 2015, 24, 1613-1630.	1.9	14
67	Understanding Respiratory Syncytial Virus Infection to Improve Treatment and Immunity. Current Molecular Medicine, 2013, 13, 1122-1139.	0.6	13
68	A de novo unequal cross-over mutation between CYP11B1 and CYP11B2 genes causes familial hyperaldosteronism type I. Journal of Endocrinological Investigation, 2011, 34, 140-144.	1.8	12
69	Modulation of Tumor Immunity by Soluble and Membrane-Bound Molecules at the Immunological Synapse. Clinical and Developmental Immunology, 2013, 2013, 1-19.	3.3	12
70	Anti-herpetic Activity of Macrocystis pyrifera and Durvillaea antarctica Algae Extracts Against HSV-1 and HSV-2. Frontiers in Microbiology, 2020, 11, 2006.	1.5	12
71	Crosstalk Between Epithelial Cells, Neurons and Immune Mediators in HSV-1 Skin Infection. Frontiers in Immunology, 2021, 12, 662234.	2.2	12
72	Horizontally Acquired Homologs of Xenogeneic Silencers: Modulators of Gene Expression Encoded by Plasmids, Phages and Genomic Islands. Genes, 2020, 11, 142.	1.0	12

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73	BCG-Based Vaccines Elicit Antigen-Specific Adaptive and Trained Immunity against SARS-CoV-2 and Andes orthohantavirus. Vaccines, 2022, 10, 721.	2.1	12
74	A Herpes Simplex Virus Type 2 Deleted for Glycoprotein D Enables Dendritic Cells to Activate CD4+ and CD8+ T Cells. Frontiers in Immunology, 2017, 8, 904.	2.2	11
75	EvasiÃ³n de la respuesta inmune por virus herpes simplex. Revista Chilena De Infectologia, 2015, 32, 58-70.	0.0	10
76	Contribution of FcÎ³ Receptor-Mediated Immunity to the Pathogenesis Caused by the Human Respiratory Syncytial Virus. Frontiers in Cellular and Infection Microbiology, 2019, 9, 75.	1.8	10
77	IL-10-Dependent Amelioration of Chronic Inflammatory Disease by Microdose Subcutaneous Delivery of a Prototypic Immunoregulatory Small Molecule. Frontiers in Immunology, 2021, 12, 708955.	2.2	10
78	Impact of Hypoxia over Human Viral Infections and Key Cellular Processes. International Journal of Molecular Sciences, 2021, 22, 7954.	1.8	10
79	Use of Genetically Modified Bacteria to Modulate Adaptive Immunity. Current Gene Therapy, 2009, 9, 171-184.	0.9	9
80	Contribution of IDO to human respiratory syncytial virus infection. Journal of Leukocyte Biology, 2019, 106, 933-942.	1.5	9
81	Asymptomatic Herpes Simplex Virus Type 1 Infection Causes an Earlier Onset and More Severe Experimental Autoimmune Encephalomyelitis. Frontiers in Immunology, 2021, 12, 635257.	2.2	8
82	Modulation of Adaptive Immunity and Viral Infections by Ion Channels. Frontiers in Physiology, 2021, 12, 736681.	1.3	8
83	Safety and Non-Inferiority Evaluation of Two Immunization Schedules with an Inactivated SARS-CoV-2 Vaccine in Adults: A Randomized Clinical Trial. Vaccines, 2022, 10, 1082.	2.1	8
84	Immune Evasion by Herpes Simplex Viruses. , 0, , .		7
85	Modulation of Endosome Function, Vesicle Trafficking and Autophagy by Human Herpesviruses. Cells, 2021, 10, 542.	1.8	7
86	Herpes simplex virus interference with immunity: Focus on dendritic cells. Virulence, 2021, 12, 2583-2607.	1.8	7
87	Is there a role for HSF1 in viral infections?. FEBS Open Bio, 2022, 12, 1112-1124.	1.0	7
88	Targeting Innate Immune Cells for Immunotherapy. Journal of Immunology Research, 2017, 2017, 1-2.	0.9	6
89	Gestational Hypothyroxinemia Imprints a Switch in the Capacity of Astrocytes and Microglial Cells of the Offspring to React in Inflammation. Molecular Neurobiology, 2018, 55, 4373-4387.	1.9	5
90	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.	1.6	5

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91	Thyroid Gene Mutations in Pregnant and Breastfeeding Women Diagnosed With Transient Congenital Hypothyroidism: Implications for the Offspringâ€™s Health. Frontiers in Endocrinology, 2021, 12, 679002.	1.5	3
92	Pharmacological Inhibition of IRE-1 Alpha Activity in Herpes Simplex Virus Type 1 and Type 2-Infected Dendritic Cells Enhances T Cell Activation. Frontiers in Immunology, 2021, 12, 764861.	2.2	3
93	Limited Heme Oxygenase Contribution to Modulating the Severity of Salmonella enterica serovar Typhimurium Infection. Antioxidants, 2022, 11, 1040.	2.2	3
94	Herpes Simplex Viruses Type 1 and Type 2 Infection and Immunity. , 2021, , .		2
95	Risk Factors from Pregnancy to Adulthood in Multiple Sclerosis Outcome. International Journal of Molecular Sciences, 2022, 23, 7080.	1.8	2
96	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, 0, , 120516104716000.	2.4	0
97	Federation of Clinical Immunology Societies Goes South 2021: advanced course on molecular and cellular translational immunology. Immunotherapy, 2022, 14, 839-842.	1.0	0