

Antnio Gil Castro

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.

79
papers

3,445
citations

32
h-index

57
g-index

82
ext. papers

4,013
ext. citations

5.6
avg, IF

4.84
L-index

#	Paper	IF	Citations
79	Strategies for use of IL-10 or its antagonists in human disease. <i>Immunological Reviews</i> , 2008 , 223, 114-31	11.3	318
78	Cutting edge: IFN-gamma regulates the induction and expansion of IL-17-producing CD4 T cells during mycobacterial infection. <i>Journal of Immunology</i> , 2006 , 177, 1416-20	5.3	229
77	Pathological role of interleukin 17 in mice subjected to repeated BCG vaccination after infection with <i>Mycobacterium tuberculosis</i> . <i>Journal of Experimental Medicine</i> , 2010 , 207, 1609-16	16.6	203
76	Balancing the immune response in the brain: IL-10 and its regulation. <i>Journal of Neuroinflammation</i> , 2016 , 13, 297	10.1	195
75	Role of gamma interferon and tumor necrosis factor alpha during T-cell-independent and -dependent phases of <i>Mycobacterium avium</i> infection. <i>Infection and Immunity</i> , 1994 , 62, 3962-71	3.7	145
74	First cultivation and characterization of <i>Mycobacterium ulcerans</i> from the environment. <i>PLoS Neglected Tropical Diseases</i> , 2008 , 2, e178	4.8	143
73	Gellan gum injectable hydrogels for cartilage tissue engineering applications: in vitro studies and preliminary in vivo evaluation. <i>Tissue Engineering - Part A</i> , 2010 , 16, 343-53	3.9	120
72	IL-10 modulates depressive-like behavior. <i>Journal of Psychiatric Research</i> , 2008 , 43, 89-97	5.2	99
71	Infection with <i>Mycobacterium ulcerans</i> induces persistent inflammatory responses in mice. <i>Infection and Immunity</i> , 2005 , 73, 6299-310	3.7	83
70	Susceptibility of beige mice to <i>Mycobacterium avium</i> : role of neutrophils. <i>Infection and Immunity</i> , 1995 , 63, 3381-7	3.7	83
69	Mycolactone-mediated inhibition of tumor necrosis factor production by macrophages infected with <i>Mycobacterium ulcerans</i> has implications for the control of infection. <i>Infection and Immunity</i> , 2007 , 75, 3979-88	3.7	82
68	Evidence for an intramacrophage growth phase of <i>Mycobacterium ulcerans</i> . <i>Infection and Immunity</i> , 2007 , 75, 977-87	3.7	82
67	Phage therapy is effective against infection by <i>Mycobacterium ulcerans</i> in a murine footpad model. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2183	4.8	69
66	High systemic IL-6 is associated with worse prognosis in patients with non-small cell lung cancer. <i>PLoS ONE</i> , 2017 , 12, e0181125	3.7	65
65	Interleukin-6 Is a Biomarker for the Development of Fatal Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia. <i>Frontiers in Immunology</i> , 2021 , 12, 613422	8.4	63
64	Type I IFN Inhibits Alternative Macrophage Activation during <i>Mycobacterium tuberculosis</i> Infection and Leads to Enhanced Protection in the Absence of IFN- γ Signaling. <i>Journal of Immunology</i> , 2016 , 197, 4714-4726	5.3	61
63	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. <i>Journal of Controlled Release</i> , 2016 , 235, 112-124	11.7	61

62	Mycobacterium tuberculosis Strains Are Differentially Recognized by TLRs with an Impact on the Immune Response. <i>PLoS ONE</i> , 2013 , 8, e67277	3.7	57
61	Performance of new gellan gum hydrogels combined with human articular chondrocytes for cartilage regeneration when subcutaneously implanted in nude mice. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2009 , 3, 493-500	4.4	56
60	Live but not heat-killed mycobacteria cause rapid chemotaxis of large numbers of eosinophils in vivo and are ingested by the attracted granulocytes. <i>Infection and Immunity</i> , 1991 , 59, 3009-14	3.7	52
59	Cdc42p controls yeast-cell shape and virulence of <i>Paracoccidioides brasiliensis</i> . <i>Fungal Genetics and Biology</i> , 2009 , 46, 919-26	3.9	49
58	Anti-interleukin 10 receptor monoclonal antibody is an adjuvant for T helper cell type 1 responses to soluble antigen only in the presence of lipopolysaccharide. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1529-34	16.6	48
57	IFN-gamma-dependent activation of macrophages during experimental infections by <i>Mycobacterium ulcerans</i> is impaired by the toxin mycolactone. <i>Journal of Immunology</i> , 2010 , 184, 947-55 ⁵³		45
56	Osteogenic differentiation of two distinct subpopulations of human adipose-derived stem cells: an in vitro and in vivo study. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2012 , 6, 1-11	4.4	42
55	Developments on drug delivery systems for the treatment of mycobacterial infections. <i>Current Topics in Medicinal Chemistry</i> , 2008 , 8, 579-91	3	40
54	In vitro evaluation of the behaviour of human polymorphonuclear neutrophils in direct contact with chitosan-based membranes. <i>Journal of Biotechnology</i> , 2007 , 132, 218-26	3.7	39
53	In vivo performance of chitosan/soy-based membranes as wound-dressing devices for acute skin wounds. <i>Tissue Engineering - Part A</i> , 2013 , 19, 860-9	3.9	37
52	<i>Mycobacterium ulcerans</i> triggers T-cell immunity followed by local and regional but not systemic immunosuppression. <i>Infection and Immunity</i> , 2011 , 79, 421-30	3.7	36
51	BCG vaccination-induced long-lasting control of <i>Mycobacterium tuberculosis</i> correlates with the accumulation of a novel population of CD4+IL-17+TNF+IL-2+ T cells. <i>Vaccine</i> , 2015 , 33, 85-91	4.1	35
50	In vivo short-term and long-term host reaction to starch-based scaffolds. <i>Acta Biomaterialia</i> , 2010 , 6, 4314-26	10.8	35
49	Cellular immunity confers transient protection in experimental Buruli ulcer following BCG or mycolactone-negative <i>Mycobacterium ulcerans</i> vaccination. <i>PLoS ONE</i> , 2012 , 7, e33406	3.7	35
48	Evidence for diversifying selection in a set of <i>Mycobacterium tuberculosis</i> genes in response to antibiotic- and nonantibiotic-related pressure. <i>Molecular Biology and Evolution</i> , 2013 , 30, 1326-36	8.3	34
47	The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. <i>Genes and Immunity</i> , 2012 , 13, 197-201	4.4	32
46	Dissemination of mycobacteria to the thymus renders newly generated T cells tolerant to the invading pathogen. <i>Journal of Immunology</i> , 2010 , 184, 351-8	5.3	32
45	The C allele of rs5743836 polymorphism in the human TLR9 promoter links IL-6 and TLR9 up-regulation and confers increased B-cell proliferation. <i>PLoS ONE</i> , 2011 , 6, e28256	3.7	32

44	Differential post-transcriptional regulation of IL-10 by TLR2 and TLR4-activated macrophages. <i>European Journal of Immunology</i> , 2014 , 44, 856-66	6.1	31
43	IL-10 overexpression predisposes to invasive aspergillosis by suppressing antifungal immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 867-870.e9	11.5	30
42	Poor immune reconstitution in HIV-infected patients associates with high percentage of regulatory CD4+ T cells. <i>PLoS ONE</i> , 2013 , 8, e57336	3.7	27
41	TLR2 deficiency by compromising p19 (IL-23) expression limits Th 17 cell responses to <i>Mycobacterium tuberculosis</i> . <i>International Immunology</i> , 2011 , 23, 89-96	4.9	26
40	Interferon- γ regulates the production of IL-10 by toll-like receptor-activated microglia. <i>Glia</i> , 2017 , 65, 1439-1451	9	24
39	<i>Mycobacterium tuberculosis</i> associated with severe tuberculosis evades cytosolic surveillance systems and modulates IL-1 β production. <i>Nature Communications</i> , 2020 , 11, 1949	17.4	24
38	The Absence of HIF-1 α Increases Susceptibility to <i>Leishmania donovani</i> Infection via Activation of BNIP3/mTOR/SREBP-1c Axis. <i>Cell Reports</i> , 2020 , 30, 4052-4064.e7	10.6	21
37	Plasmacytoid and conventional dendritic cells are early producers of IL-12 in <i>Neospora caninum</i> -infected mice. <i>Immunology and Cell Biology</i> , 2010 , 88, 79-86	5	20
36	IL-17A Promotes Intracellular Growth of <i>Mycobacterium</i> by Inhibiting Apoptosis of Infected Macrophages. <i>Frontiers in Immunology</i> , 2015 , 6, 498	8.4	19
35	Virulence attenuation of <i>Candida albicans</i> genetic variants isolated from a patient with a recurrent bloodstream infection. <i>PLoS ONE</i> , 2010 , 5, e10155	3.7	19
34	The impact of IL-10 dynamic modulation on host immune response against visceral leishmaniasis. <i>Cytokine</i> , 2018 , 112, 16-20	4	17
33	Vascular endothelial growth factor and fibroblast growth factor-2 incorporation in starch-based bone tissue-engineered constructs promote the in vivo expression of neovascularization mediators. <i>Tissue Engineering - Part A</i> , 2013 , 19, 834-48	3.9	17
32	Analysis of a local HIV-1 epidemic in Portugal highlights established transmission of non-B and non-G subtypes. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 1506-14	9.7	17
31	Analysis of the immune response to <i>Neospora caninum</i> in a model of intragastric infection in mice. <i>Parasite Immunology</i> , 2007 , 29, 23-36	2.2	17
30	Local and regional re-establishment of cellular immunity during curative antibiotherapy of murine <i>Mycobacterium ulcerans</i> infection. <i>PLoS ONE</i> , 2012 , 7, e32740	3.7	17
29	A Prediction Rule to Stratify Mortality Risk of Patients with Pulmonary Tuberculosis. <i>PLoS ONE</i> , 2016 , 11, e0162797	3.7	16
28	Breakpoints in immunoregulation required for Th1 cells to induce diabetes. <i>European Journal of Immunology</i> , 2006 , 36, 2315-23	6.1	15
27	The Dynamics of Interleukin-10-Afforded Protection during Dextran Sulfate Sodium-Induced Colitis. <i>Frontiers in Immunology</i> , 2018 , 9, 400	8.4	14

26	Spontaneous Healing of Mycobacterium ulcerans Lesions in the Guinea Pig Model. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0004265	4.8	14
25	Differential arabinan capping of lipoarabinomannan modulates innate immune responses and impacts T helper cell differentiation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 44173-83	5.4	14
24	Myeloid Sirtuin 2 Expression Does Not Impact Long-Term Mycobacterium tuberculosis Control. <i>PLoS ONE</i> , 2015 , 10, e0131904	3.7	13
23	TLR9 activation dampens the early inflammatory response to <i>Paracoccidioides brasiliensis</i> , impacting host survival. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2317	4.8	13
22	<i>P. brasiliensis</i> virulence is affected by SconC, the negative regulator of inorganic sulfur assimilation. <i>PLoS ONE</i> , 2013 , 8, e74725	3.7	13
21	Chitosan improves the biological performance of soy-based biomaterials. <i>Tissue Engineering - Part A</i> , 2010 , 16, 2883-90	3.9	13
20	<i>Neospora caninum</i> : high susceptibility to the parasite in C57BL/10ScCr mice. <i>Experimental Parasitology</i> , 2007 , 115, 68-75	2.1	13
19	T cell apoptosis characterizes severe Covid-19 disease.. <i>Cell Death and Differentiation</i> , 2022 ,	12.7	13
18	A Nonribosomal Peptide Synthase Gene Driving Virulence in Mycobacterium tuberculosis. <i>MSphere</i> , 2018 , 3,	5	13
17	Antimicrobial activity of Mycobacteriophage D29 Lysin B during Mycobacterium ulcerans infection. <i>PLoS Neglected Tropical Diseases</i> , 2019 , 13, e0007113	4.8	12
16	Chondrogenic potential of two hASCs subpopulations loaded onto gellan gum hydrogel evaluated in a nude mice model. <i>Current Stem Cell Research and Therapy</i> , 2013 , 8, 357-64	3.6	12
15	A new model of laryngitis: neuropeptide, cyclooxygenase, and cytokine profile. <i>Laryngoscope</i> , 2008 , 118, 78-86	3.6	11
14	Corticosteroid-induced immunosuppression ultimately does not compromise the efficacy of antibiotherapy in murine Mycobacterium ulcerans infection. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1925	4.8	10
13	L-Threonine Supplementation During Colitis Onset Delays Disease Recovery. <i>Frontiers in Physiology</i> , 2018 , 9, 1247	4.6	10
12	Innate IFN- β -Producing Cells Developing in the Absence of IL-2 Receptor Common β Chain. <i>Journal of Immunology</i> , 2017 , 199, 1429-1439	5.3	8
11	Dysregulation of glycerophospholipid metabolism during Behçet's disease contributes to a pro-inflammatory phenotype of circulating monocytes. <i>Journal of Translational Autoimmunity</i> , 2020 , 3, 100056	4.1	7
10	The selective COX-2 inhibitor Etoricoxib reduces acute inflammatory markers in a model of neurogenic laryngitis but loses its efficacy with prolonged treatment. <i>Inflammation Research</i> , 2010 , 59, 743-53	7.2	7
9	In vivo evidence for a non-T cell origin of interleukin-5. <i>Scandinavian Journal of Immunology</i> , 1995 , 41, 288-92	3.4	6

8	Myeloid HIF-1 α regulates pulmonary inflammation during experimental Mycobacterium tuberculosis infection. <i>Immunology</i> , 2020 , 159, 121-129	7.8	6
7	Towards the Development of a Female Animal Model of T1DM Using Hyaluronic Acid Nanocoated Cell Transplantation: Refinements and Considerations for Future Protocols. <i>Pharmaceutics</i> , 2021 , 13,	6.4	5
6	Changes in the Immune Phenotype and Gene Expression Profile Driven by a Novel Tuberculosis Nanovaccine: Short and Long-Term Post-immunization. <i>Frontiers in Immunology</i> , 2020 , 11, 589863	8.4	5
5	Immune System Efficiency in Cancer and the Microbiota Influence. <i>Pathobiology</i> , 2021 , 88, 170-186	3.6	5
4	Early IL-10 promotes vasculature-associated CD4 ⁺ T cells unable to control Mycobacterium tuberculosis infection. <i>JCI Insight</i> , 2021 , 6,	9.9	5
3	TNF-Mediated Compensatory Immunity to in the Absence of Macrophage Activation by IFN- γ <i>Journal of Immunology</i> , 2019 , 203, 2451-2458	5.3	4
2	Interleukin-10 induces interferon- γ -dependent emergency myelopoiesis. <i>Cell Reports</i> , 2021 , 37, 109887	10.6	2
1	Cytokines Involved in Resistance to Mycobacterium avium in a Mouse Model of Infection. <i>Medical Principles and Practice</i> , 1997 , 6, 97-102	2.1	1