Antnio Gil Castro

List of Publications by Year in Descending Order

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	T cell apoptosis characterizes severe Covid-19 disease.. *Cell Death and Differentiation*, **2022**,	12.7	13
78	Towards the Development of a Female Animal Model of T1DM Using Hyaluronic Acid Nanocoated Cell Transplantation: Refinements and Considerations for Future Protocols. *Pharmaceutics*, **2021**, 13,	6.4	5
77	Interleukin-10 induces interferon-dependent emergency myelopoiesis. *Cell Reports*, **2021**, 37, 109887	10.6	2
76	Immune System Efficiency in Cancer and the Microbiota Influence. *Pathobiology*, **2021**, 88, 170-186	3.6	5
75	Interleukin-6 Is a Biomarker for the Development of Fatal Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia. *Frontiers in Immunology*, **2021**, 12, 613422	8.4	63
74	Early IL-10 promotes vasculature-associated CD4+ T cells unable to control Mycobacterium tuberculosis infection. *JCI Insight*, **2021**, 6,	9.9	5
73	Dysregulation of glycerophospholipid metabolism during Behtu disease contributes to a pro-inflammatory phenotype of circulating monocytes. *Journal of Translational Autoimmunity*, **2020**, 3, 100056	4.1	7
72	The Absence of HIF-1 Increases Susceptibility to Leishmania donovani Infection via Activation of BNIP3/mTOR/SREBP-1c Axis. *Cell Reports*, **2020**, 30, 4052-4064.e7	10.6	21
71	Mycobacterium tuberculosis associated with severe tuberculosis evades cytosolic surveillance systems and modulates IL-1 production. *Nature Communications*, **2020**, 11, 1949	17.4	24
70	Myeloid HIF-1 regulates pulmonary inflammation during experimental Mycobacterium tuberculosis infection. *Immunology*, **2020**, 159, 121-129	7.8	6
69	Changes in the Immune Phenotype and Gene Expression Profile Driven by a Novel Tuberculosis Nanovaccine: Short and Long-Term Post-immunization. *Frontiers in Immunology*, **2020**, 11, 589863	8.4	5
68	Antimicrobial activity of Mycobacteriophage D29 Lysin B during Mycobacterium ulcerans infection. *PLoS Neglected Tropical Diseases*, **2019**, 13, e0007113	4.8	12
67	TNF-Mediated Compensatory Immunity to in the Absence of Macrophage Activation by IFN- *Journal of Immunology*, **2019**, 203, 2451-2458	5.3	4
66	The Dynamics of Interleukin-10-Afforded Protection during Dextran Sulfate Sodium-Induced Colitis. *Frontiers in Immunology*, **2018**, 9, 400	8.4	14
65	The impact of IL-10 dynamic modulation on host immune response against visceral leishmaniasis. *Cytokine*, **2018**, 112, 16-20	4	17
64	A Nonribosomal Peptide Synthase Gene Driving Virulence in Mycobacterium tuberculosis. *MSphere*, **2018**, 3,	5	13
63	L-Threonine Supplementation During Colitis Onset Delays Disease Recovery. *Frontiers in Physiology*, **2018**, 9, 1247	4.6	10

62	Interferon-regulates the production of IL-10 by toll-like receptor-activated microglia. *Glia*, **2017**, 65, 1439-1451	9	24
61	IL-10 overexpression predisposes to invasive aspergillosis by suppressing antifungal immunity. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 867-870.e9	11.5	30
60	High systemic IL-6 is associated with worse prognosis in patients with non-small cell lung cancer. *PLoS ONE*, **2017**, 12, e0181125	3.7	65
59	Innate IFN-Producing Cells Developing in the Absence of IL-2 Receptor Common Chain. *Journal of Immunology*, **2017**, 199, 1429-1439	5.3	8
58	Type I IFN Inhibits Alternative Macrophage Activation during Mycobacterium tuberculosis Infection and Leads to Enhanced Protection in the Absence of IFN-Signaling. *Journal of Immunology*, **2016**, 197, 4714-4726	5.3	61
57	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. *Journal of Controlled Release*, **2016**, 235, 112-124	11.7	61
56	A Prediction Rule to Stratify Mortality Risk of Patients with Pulmonary Tuberculosis. *PLoS ONE*, **2016**, 11, e0162797	3.7	16
55	Balancing the immune response in the brain: IL-10 and its regulation. *Journal of Neuroinflammation*, **2016**, 13, 297	10.1	195
54	BCG vaccination-induced long-lasting control of Mycobacterium tuberculosis correlates with the accumulation of a novel population of CD4+IL-17+TNF+IL-2+ T cells. *Vaccine*, **2015**, 33, 85-91	4.1	35
53	IL-17A Promotes Intracellular Growth of Mycobacterium by Inhibiting Apoptosis of Infected Macrophages. *Frontiers in Immunology*, **2015**, 6, 498	8.4	19
52	Spontaneous Healing of Mycobacterium ulcerans Lesions in the Guinea Pig Model. *PLoS Neglected Tropical Diseases*, **2015**, 9, e0004265	4.8	14
51	Myeloid Sirtuin 2 Expression Does Not Impact Long-Term Mycobacterium tuberculosis Control. *PLoS ONE*, **2015**, 10, e0131904	3.7	13
50	Analysis of a local HIV-1 epidemic in portugal highlights established transmission of non-B and non-G subtypes. *Journal of Clinical Microbiology*, **2015**, 53, 1506-14	9.7	17
49	Differential post-transcriptional regulation of IL-10 by TLR2 and TLR4-activated macrophages. *European Journal of Immunology*, **2014**, 44, 856-66	6.1	31
48	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. *Tissue Engineering - Part A*, **2013**, 19, 834-48	3.9	17
47	In vivo performance of chitosan/soy-based membranes as wound-dressing devices for acute skin wounds. *Tissue Engineering - Part A*, **2013**, 19, 860-9	3.9	37
46	TLR9 activation dampens the early inflammatory response to Paracoccidioides brasiliensis, impacting host survival. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2317	4.8	13
45	Phage therapy is effective against infection by Mycobacterium ulcerans in a murine footpad model. *PLoS Neglected Tropical Diseases*, **2013**, 7, e2183	4.8	69

44	Evidence for diversifying selection in a set of Mycobacterium tuberculosis genes in response to antibiotic- and nonantibiotic-related pressure. *Molecular Biology and Evolution*, **2013**, 30, 1326-36	8.3	34
43	Chondrogenic potential of two hASCs subpopulations loaded onto gellan gum hydrogel evaluated in a nude mice model. *Current Stem Cell Research and Therapy*, **2013**, 8, 357-64	3.6	12
42	Mycobacterium tuberculosis Strains Are Differentially Recognized by TLRs with an Impact on the Immune Response. *PLoS ONE*, **2013**, 8, e67277	3.7	57
41	P. brasiliensis virulence is affected by SconC, the negative regulator of inorganic sulfur assimilation. *PLoS ONE*, **2013**, 8, e74725	3.7	13
40	Poor immune reconstitution in HIV-infected patients associates with high percentage of regulatory CD4+ T cells. *PLoS ONE*, **2013**, 8, e57336	3.7	27
39	The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. *Genes and Immunity*, **2012**, 13, 197-201	4.4	32
38	Osteogenic differentiation of two distinct subpopulations of human adipose-derived stem cells: an in vitro and in vivo study. *Journal of Tissue Engineering and Regenerative Medicine*, **2012**, 6, 1-11	4.4	42
37	Corticosteroid-induced immunosuppression ultimately does not compromise the efficacy of antibiotherapy in murine Mycobacterium ulcerans infection. *PLoS Neglected Tropical Diseases*, **2012**, 6, e1925	4.8	10
36	Differential arabinan capping of lipoarabinomannan modulates innate immune responses and impacts T helper cell differentiation. *Journal of Biological Chemistry*, **2012**, 287, 44173-83	5.4	14
35	Local and regional re-establishment of cellular immunity during curative antibiotherapy of murine Mycobacterium ulcerans infection. *PLoS ONE*, **2012**, 7, e32740	3.7	17
34	Cellular immunity confers transient protection in experimental Buruli ulcer following BCG or mycolactone-negative Mycobacterium ulcerans vaccination. *PLoS ONE*, **2012**, 7, e33406	3.7	35
33	TLR2 deficiency by compromising p19 (IL-23) expression limits Th 17 cell responses to Mycobacterium tuberculosis. *International Immunology*, **2011**, 23, 89-96	4.9	26
32	Mycobacterium ulcerans triggers T-cell immunity followed by local and regional but not systemic immunosuppression. *Infection and Immunity*, **2011**, 79, 421-30	3.7	36
31	The C allele of rs5743836 polymorphism in the human TLR9 promoter links IL-6 and TLR9 up-regulation and confers increased B-cell proliferation. *PLoS ONE*, **2011**, 6, e28256	3.7	32
30	Plasmacytoid and conventional dendritic cells are early producers of IL-12 in Neospora caninum-infected mice. *Immunology and Cell Biology*, **2010**, 88, 79-86	5	20
29	IFN-gamma-dependent activation of macrophages during experimental infections by Mycobacterium ulcerans is impaired by the toxin mycolactone. *Journal of Immunology*, **2010**, 184, 947-55	5.3	45
28	Dissemination of mycobacteria to the thymus renders newly generated T cells tolerant to the invading pathogen. *Journal of Immunology*, **2010**, 184, 351-8	5.3	32
27	Chitosan improves the biological performance of soy-based biomaterials. *Tissue Engineering - Part A* , **2010**, 16, 2883-90	3.9	13

26	Virulence attenuation of Candida albicans genetic variants isolated from a patient with a recurrent bloodstream infection. *PLoS ONE*, **2010**, 5, e10155	3.7	19
25	Gellan gum injectable hydrogels for cartilage tissue engineering applications: in vitro studies and preliminary in vivo evaluation. *Tissue Engineering - Part A*, **2010**, 16, 343-53	3.9	120
24	Pathological role of interleukin 17 in mice subjected to repeated BCG vaccination after infection with Mycobacterium tuberculosis. *Journal of Experimental Medicine*, **2010**, 207, 1609-16	16.6	203
23	The selective COX-2 inhibitor Etoricoxib reduces acute inflammatory markers in a model of neurogenic laryngitis but loses its efficacy with prolonged treatment. *Inflammation Research*, **2010**, 59, 743-53	7.2	7
22	In vivo short-term and long-term host reaction to starch-based scaffolds. *Acta Biomaterialia*, **2010**, 6, 4314-26	10.8	35
21	Performance of new gellan gum hydrogels combined with human articular chondrocytes for cartilage regeneration when subcutaneously implanted in nude mice. *Journal of Tissue Engineering and Regenerative Medicine*, **2009**, 3, 493-500	4.4	56
20	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. *Fungal Genetics and Biology*, **2009**, 46, 919-26	3.9	49
19	A new model of laryngitis: neuropeptide, cyclooxygenase, and cytokine profile. *Laryngoscope*, **2008**, 118, 78-86	3.6	11
18	Strategies for use of IL-10 or its antagonists in human disease. *Immunological Reviews*, **2008**, 223, 114-31	11.3	318
17	IL-10 modulates depressive-like behavior. *Journal of Psychiatric Research*, **2008**, 43, 89-97	5.2	99
16	Developments on drug delivery systems for the treatment of mycobacterial infections. *Current Topics in Medicinal Chemistry*, **2008**, 8, 579-91	3	40
15	First cultivation and characterization of Mycobacterium ulcerans from the environment. *PLoS Neglected Tropical Diseases*, **2008**, 2, e178	4.8	143
14	Analysis of the immune response to Neospora caninum in a model of intragastric infection in mice. *Parasite Immunology*, **2007**, 29, 23-36	2.2	17
13	Neospora caninum: high susceptibility to the parasite in C57BL/10ScCr mice. *Experimental Parasitology*, **2007**, 115, 68-75	2.1	13
12	Mycolactone-mediated inhibition of tumor necrosis factor production by macrophages infected with Mycobacterium ulcerans has implications for the control of infection. *Infection and Immunity*, **2007**, 75, 3979-88	3.7	82
11	Evidence for an intramacrophage growth phase of Mycobacterium ulcerans. *Infection and Immunity*, **2007**, 75, 977-87	3.7	82
10	In vitro evaluation of the behaviour of human polymorphonuclear neutrophils in direct contact with chitosan-based membranes. *Journal of Biotechnology*, **2007**, 132, 218-26	3.7	39
9	Breakpoints in immunoregulation required for Th1 cells to induce diabetes. *European Journal of Immunology*, **2006**, 36, 2315-23	6.1	15

8	Cutting edge: IFN-gamma regulates the induction and expansion of IL-17-producing CD4 T cells during mycobacterial infection. *Journal of Immunology*, **2006**, 177, 1416-20	5.3	229
7	Infection with Mycobacterium ulcerans induces persistent inflammatory responses in mice. *Infection and Immunity*, **2005**, 73, 6299-310	3.7	83
6	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. *Journal of Experimental Medicine*, **2000**, 192, 1529-34	16.6	48
5	Cytokines Involved in Resistance to Mycobacterium avium in a Mouse Model of Infection. *Medical Principles and Practice*, **1997**, 6, 97-102	2.1	1
4	In vivo evidence for a non-T cell origin of interleukin-5. *Scandinavian Journal of Immunology*, **1995**, 41, 288-92	3.4	6
3	Susceptibility of beige mice to Mycobacterium avium: role of neutrophils. *Infection and Immunity*, **1995**, 63, 3381-7	3.7	83
2	Role of gamma interferon and tumor necrosis factor alpha during T-cell-independent and -dependent phases of Mycobacterium avium infection. *Infection and Immunity*, **1994**, 62, 3962-71	3.7	145
1	Live but not heat-killed mycobacteria cause rapid chemotaxis of large numbers of eosinophils in vivo and are ingested by the attracted granulocytes. *Infection and Immunity*, **1991**, 59, 3009-14	3.7	52