

Antônio Gil Castro

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

4,554
citations

109321

35
h-index

110387

64
g-index

82
all docs

82
docs citations

82
times ranked

7161
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for use of IL-10 or its antagonists in human disease. <i>Immunological Reviews</i> , 2008, 223, 114-131.	6.0	383
2	Balancing the immune response in the brain: IL-10 and its regulation. <i>Journal of Neuroinflammation</i> , 2016, 13, 297.	7.2	296
3	Cutting Edge: IFN- γ Regulates the Induction and Expansion of IL-17-Producing CD4 T Cells during Mycobacterial Infection. <i>Journal of Immunology</i> , 2006, 177, 1416-1420.	0.8	249
4	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, 1609-1616.	8.5	230
5	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.	4.8	228
6	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, 3962-3971.	2.2	194
7	First Cultivation and Characterization of <i>Mycobacterium ulcerans</i> from the Environment. <i>PLoS Neglected Tropical Diseases</i> , 2008, 2, e178.	3.0	175
8	Gellan Gum Injectable Hydrogels for Cartilage Tissue Engineering Applications: <i>In Vitro</i> Studies and Preliminary <i>In Vivo</i> Evaluation. <i>Tissue Engineering - Part A</i> , 2010, 16, 343-353.	3.1	142
9	IL-10 modulates depressive-like behavior. <i>Journal of Psychiatric Research</i> , 2008, 43, 89-97.	3.1	121
10	High systemic IL-6 is associated with worse prognosis in patients with non-small cell lung cancer. <i>PLoS ONE</i> , 2017, 12, e0181125.	2.5	104
11	Susceptibility of beige mice to <i>Mycobacterium avium</i> : role of neutrophils. <i>Infection and Immunity</i> , 1995, 63, 3381-3387.	2.2	100
12	Infection with <i>Mycobacterium ulcerans</i> Induces Persistent Inflammatory Responses in Mice. <i>Infection and Immunity</i> , 2005, 73, 6299-6310.	2.2	92
13	Evidence for an Intramacrophage Growth Phase of <i>Mycobacterium ulcerans</i> . <i>Infection and Immunity</i> , 2007, 75, 977-987.	2.2	91
14	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.	3.0	91
15	T cell apoptosis characterizes severe Covid-19 disease. <i>Cell Death and Differentiation</i> , 2022, 29, 1486-1499.	11.2	90
16	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, 3979-3988.	2.2	88
17	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.	0.8	87
18	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. <i>Journal of Controlled Release</i> , 2016, 235, 112-124.	9.9	80

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19	Mycobacterium tuberculosis Strains Are Differentially Recognized by TLRs with an Impact on the Immune Response. PLoS ONE, 2013, 8, e67277.	2.5	76
20	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, 3009-3014.	2.2	66
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.	2.7	60
22	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.	2.7	58
23	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 919-926.	2.1	54
24	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, 1529-1534.	8.5	52
25	Mycobacterium tuberculosis associated with severe tuberculosis evades cytosolic surveillance systems and modulates IL-1 β production. Nature Communications, 2020, 11, 1949.	12.8	52
26	IFN- γ -Dependent Activation of Macrophages during Experimental Infections by <i>Mycobacterium ulcerans</i> Is Impaired by the Toxin Mycolactone. Journal of Immunology, 2010, 184, 947-955.	0.8	50
27	In vitro evaluation of the behaviour of human polymorphonuclear neutrophils in direct contact with chitosan-based membranes. Journal of Biotechnology, 2007, 132, 218-226.	3.8	45
28	Developments on Drug Delivery Systems for the Treatment of Mycobacterial Infections. Current Topics in Medicinal Chemistry, 2008, 8, 579-591.	2.1	45
29	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, 1326-1336.	8.9	43
30	<i>In Vivo</i> Performance of Chitosan/Soy-Based Membranes as Wound-Dressing Devices for Acute Skin Wounds. Tissue Engineering - Part A, 2013, 19, 860-869.	3.1	42
31	Differential post-transcriptional regulation of IL-10 by TLR2 and TLR4-activated macrophages. European Journal of Immunology, 2014, 44, 856-866.	2.9	42
32	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.	3.8	42
33	<i>Mycobacterium ulcerans</i> Triggers T-Cell Immunity followed by Local and Regional but Not Systemic Immunosuppression. Infection and Immunity, 2011, 79, 421-430.	2.2	41
34	Dissemination of Mycobacteria to the Thymus Renders Newly Generated T Cells Tolerant to the Invading Pathogen. Journal of Immunology, 2010, 184, 351-358.	0.8	38
35	Cellular Immunity Confers Transient Protection in Experimental Buruli Ulcer following BCG or Mycolactone-Negative Mycobacterium ulcerans Vaccination. PLoS ONE, 2012, 7, e33406.	2.5	38
36	In vivo short-term and long-term host reaction to starch-based scaffolds. Acta Biomaterialia, 2010, 6, 4314-4326.	8.3	37

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37	IL-10 overexpression predisposes to invasive aspergillosis by suppressing antifungal immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 867-870.e9.	2.9	37
38	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.	2.5	37
39	The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. <i>Genes and Immunity</i> , 2012, 13, 197-201.	4.1	35
40	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.	6.4	32
41	Poor Immune Reconstitution in HIV-Infected Patients Associates with High Percentage of Regulatory CD4+ T Cells. <i>PLoS ONE</i> , 2013, 8, e57336.	2.5	32
42	A Prediction Rule to Stratify Mortality Risk of Patients with Pulmonary Tuberculosis. <i>PLoS ONE</i> , 2016, 11, e0162797.	2.5	31
43	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.	4.0	28
44	IL-17A Promotes Intracellular Growth of <i>Mycobacterium</i> by Inhibiting Apoptosis of Infected Macrophages. <i>Frontiers in Immunology</i> , 2015, 6, 498.	4.8	28
45	Interferon γ regulates the production of IL-10 by toll-like receptor-activated microglia. <i>Glia</i> , 2017, 65, 1439-1451.	4.9	27
46	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, 1506-1514.	3.9	26
47	The Dynamics of Interleukin-10-Afforded Protection during Dextran Sulfate Sodium-Induced Colitis. <i>Frontiers in Immunology</i> , 2018, 9, 400.	4.8	25
48	Antimicrobial activity of <i>Mycobacteriophage</i> D29 Lysin B during <i>Mycobacterium ulcerans</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007113.	3.0	25
49	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.	2.3	24
50	Myeloid Sirtuin 2 Expression Does Not Impact Long-Term <i>Mycobacterium tuberculosis</i> Control. <i>PLoS ONE</i> , 2015, 10, e0131904.	2.5	24
51	The impact of IL-10 dynamic modulation on host immune response against visceral leishmaniasis. <i>Cytokine</i> , 2018, 112, 16-20.	3.2	23
52	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.	2.5	22
53	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.	2.5	21
54	A Nonribosomal Peptide Synthase Gene Driving Virulence in <i>Mycobacterium tuberculosis</i> . <i>MSphere</i> , 2018, 3, .	2.9	20

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55	L-Threonine Supplementation During Colitis Onset Delays Disease Recovery. <i>Frontiers in Physiology</i> , 2018, 9, 1247.	2.8	20
56	Breakpoints in immunoregulation required for Th1 cells to induce diabetes. <i>European Journal of Immunology</i> , 2006, 36, 2315-2323.	2.9	19
57	Vascular Endothelial Growth Factor and Fibroblast Growth Factor-2 Incorporation in Starch-Based Bone Tissue-Engineered Constructs Promote the <i>In Vivo</i> Expression of Neovascularization Mediators. <i>Tissue Engineering - Part A</i> , 2013, 19, 834-848.	3.1	19
58	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.	1.5	18
59	TLR9 Activation Dampens the Early Inflammatory Response to <i>Paracoccidioides brasiliensis</i> , Impacting Host Survival. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2317.	3.0	18
60	Spontaneous Healing of <i>Mycobacterium ulcerans</i> Lesions in the Guinea Pig Model. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004265.	3.0	18
61	Myeloid HIF-1 α regulates pulmonary inflammation during experimental <i>Mycobacterium tuberculosis</i> infection. <i>Immunology</i> , 2020, 159, 121-129.	4.4	17
62	Interleukin-10 induces interferon- β -dependent emergency myelopoiesis. <i>Cell Reports</i> , 2021, 37, 109887.	6.4	16
63	<i>Neospora caninum</i> : High susceptibility to the parasite in C57BL/10ScCr mice. <i>Experimental Parasitology</i> , 2007, 115, 68-75.	1.2	15
64	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, 357-364.	1.3	15
65	<i>P. brasiliensis</i> Virulence Is Affected by SconC, the Negative Regulator of Inorganic Sulfur Assimilation. <i>PLoS ONE</i> , 2013, 8, e74725.	2.5	15
66	Differential Arabinan Capping of Lipoarabinomannan Modulates Innate Immune Responses and Impacts T Helper Cell Differentiation. <i>Journal of Biological Chemistry</i> , 2012, 287, 44173-44183.	3.4	14
67	Immune System Efficiency in Cancer and the Microbiota Influence. <i>Pathobiology</i> , 2021, 88, 170-186.	3.8	14
68	A New Model of Laryngitis: Neuropeptide, Cyclooxygenase, and Cytokine Profile. <i>Laryngoscope</i> , 2008, 118, 78-86.	2.0	13
69	Chitosan Improves the Biological Performance of Soy-Based Biomaterials. <i>Tissue Engineering - Part A</i> , 2010, 16, 2883-2890.	3.1	13
70	Corticosteroid-Induced Immunosuppression Ultimately Does Not Compromise the Efficacy of Antibiotherapy in Murine <i>Mycobacterium ulcerans</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1925.	3.0	13
71	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.	4.0	13
72	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, 1925.	4.5	12

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73	Innate IFN- γ -Producing Cells Developing in the Absence of IL-2 Receptor Common β -Chain. <i>Journal of Immunology</i> , 2017, 199, 1429-1439.	0.8	9
74	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, 743-753.	4.0	8
75	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.	4.8	8
76	Early IL-10 promotes vasculature-associated CD4+ T cells unable to control <i>Mycobacterium tuberculosis</i> infection. <i>JCI Insight</i> , 2021, 6, .	5.0	8
77	In Vivo Evidence for a Non-T Cell Origin of Interleukin-5. <i>Scandinavian Journal of Immunology</i> , 1995, 41, 288-292.	2.7	7
78	Increased CD3+, CD8+, or FoxP3+ T Lymphocyte Infiltrations Are Associated with the Pathogenesis of Colorectal Cancer but Not with the Overall Survival of Patients. <i>Biology</i> , 2021, 10, 808.	2.8	6
79	TNF-Mediated Compensatory Immunity to <i>Mycobacterium avium</i> in the Absence of Macrophage Activation by IFN- γ . <i>Journal of Immunology</i> , 2019, 203, 2451-2458.	0.8	5
80	Cytokines Involved in Resistance to <i>Mycobacterium avium</i> in a Mouse Model of Infection. <i>Medical Principles and Practice</i> , 1997, 6, 97-102.	2.4	1