AntÃ³nio Gil Castro

List of Publications by Year
in descending order

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	T cell apoptosis characterizes severe Covid-19 disease. Cell Death and Differentiation, 2022, 29, 1486-1499.	11.2	90
2	Immune System Efficiency in Cancer and the Microbiota Influence. Pathobiology, 2021, 88, 170-186.	3.8	14
3	Interleukin-6 Is a Biomarker for the Development of Fatal Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia. Frontiers in Immunology, 2021, 12, 613422.	4.8	228
4	Increased CD3+, CD8+, or FoxP3+ T Lymphocyte Infiltrations Are Associated with the Pathogenesis of Colorectal Cancer but Not with the Overall Survival of Patients. Biology, 2021, 10, 808.	2.8	6
5	Early IL-10 promotes vasculature-associated CD4+ T cells unable to control Mycobacterium tuberculosis infection. JCI Insight, 2021, 6, .	5.0	8
6	Interleukin-10 induces interferon-Î³-dependent emergency myelopoiesis. Cell Reports, 2021, 37, 109887.	6.4	16
7	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, 1925.	4.5	12
8	Myeloid HIFâ€1Î± regulates pulmonary inflammation during experimental Mycobacterium tuberculosis infection. Immunology, 2020, 159, 121-129.	4.4	17
9	Dysregulation of glycerophospholipid metabolism during BehÃ§etâ€™s disease contributes to a pro-inflammatory phenotype of circulating monocytes. Journal of Translational Autoimmunity, 2020, 3, 100056.	4.0	13
10	The Absence of HIF-1Î± Increases Susceptibility to Leishmania donovani Infection via Activation of BNIP3/mTOR/SREBP-1c Axis. Cell Reports, 2020, 30, 4052-4064.e7.	6.4	32
11	Mycobacterium tuberculosis associated with severe tuberculosis evades cytosolic surveillance systems and modulates IL-1Î² production. Nature Communications, 2020, 11, 1949.	12.8	52
12	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.	4.8	8
13	Antimicrobial activity of Mycobacteriophage D29 Lysin B during Mycobacterium ulcerans infection. PLoS Neglected Tropical Diseases, 2019, 13, e0007113.	3.0	25
14	TNF-Mediated Compensatory Immunity to Mycobacterium avium in the Absence of Macrophage Activation by IFN-Î³. Journal of Immunology, 2019, 203, 2451-2458.	0.8	5
15	A Nonribosomal Peptide Synthase Gene Driving Virulence in Mycobacterium tuberculosis. MSphere, 2018, 3, .	2.9	20
16	L-Threonine Supplementation During Colitis Onset Delays Disease Recovery. Frontiers in Physiology, 2018, 9, 1247.	2.8	20
17	The Dynamics of Interleukin-10-Afforded Protection during Dextran Sulfate Sodium-Induced Colitis. Frontiers in Immunology, 2018, 9, 400.	4.8	25
18	The impact of IL-10 dynamic modulation on host immune response against visceral leishmaniasis. Cytokine, 2018, 112, 16-20.	3.2	23

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19	Interferonâ€Î²2 regulates the production of ILâ€10 by tollâ€like receptorâ€activated microglia. Glia, 2017, 65, 1439-1451.	4.9	27
20	IL-10 overexpression predisposes to invasive aspergillosis by suppressing antifungal immunity. Journal of Allergy and Clinical Immunology, 2017, 140, 867-870.e9.	2.9	37
21	Innate IFN-Î³â€“Producing Cells Developing in the Absence of IL-2 Receptor Common Î³-Chain. Journal of Immunology, 2017, 199, 1429-1439.	0.8	9
22	High systemic IL-6 is associated with worse prognosis in patients with non-small cell lung cancer. PLoS ONE, 2017, 12, e0181125.	2.5	104
23	A Prediction Rule to Stratify Mortality Risk of Patients with Pulmonary Tuberculosis. PLoS ONE, 2016, 11, e0162797.	2.5	31
24	Balancing the immune response in the brain: IL-10 and its regulation. Journal of Neuroinflammation, 2016, 13, 297.	7.2	296
25	Type I IFN Inhibits Alternative Macrophage Activation during Mycobacterium tuberculosis Infection and Leads to Enhanced Protection in the Absence of IFN-Î³ Signaling. Journal of Immunology, 2016, 197, 4714-4726.	0.8	87
26	Delivery of LLKKK18 loaded into self-assembling hyaluronic acid nanogel for tuberculosis treatment. Journal of Controlled Release, 2016, 235, 112-124.	9.9	80
27	IL-17A Promotes Intracellular Growth of Mycobacterium by Inhibiting Apoptosis of Infected Macrophages. Frontiers in Immunology, 2015, 6, 498.	4.8	28
28	Spontaneous Healing of Mycobacterium ulcerans Lesions in the Guinea Pig Model. PLoS Neglected Tropical Diseases, 2015, 9, e0004265.	3.0	18
29	Myeloid Sirtuin 2 Expression Does Not Impact Long-Term Mycobacterium tuberculosis Control. PLoS ONE, 2015, 10, e0131904.	2.5	24
30	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, 1506-1514.	3.9	26
31	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
32	Differential postâ€transcriptional regulation of <scp>IL</scp>â€10 by <scp>TLR</scp>2 and <scp>TLR</scp>4â€activated macrophages. European Journal of Immunology, 2014, 44, 856-866.	2.9	42
33	Vascular Endothelial Growth Factor and Fibroblast Growth Factor-2 Incorporation in Starch-Based Bone Tissue-Engineered Constructs Promote theIn VivoExpression of Neovascularization Mediators. Tissue Engineering - Part A, 2013, 19, 834-848.	3.1	19
34	In VivoPerformance of Chitosan/Soy-Based Membranes as Wound-Dressing Devices for Acute Skin Wounds. Tissue Engineering - Part A, 2013, 19, 860-869.	3.1	42
35	TLR9 Activation Dampens the Early Inflammatory Response to Paracoccidioides brasiliensis, Impacting Host Survival. PLoS Neglected Tropical Diseases, 2013, 7, e2317.	3.0	18
36	Phage Therapy Is Effective against Infection by Mycobacterium ulcerans in a Murine Footpad Model. PLoS Neglected Tropical Diseases, 2013, 7, e2183.	3.0	91

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37	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
38	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, 357-364.	1.3	15
39	Mycobacterium tuberculosis Strains Are Differentially Recognized by TLRs with an Impact on the Immune Response. PLoS ONE, 2013, 8, e67277.	2.5	76
40	P. brasiliensis Virulence Is Affected by SconC, the Negative Regulator of Inorganic Sulfur Assimilation. PLoS ONE, 2013, 8, e74725.	2.5	15
41	Poor Immune Reconstitution in HIV-Infected Patients Associates with High Percentage of Regulatory CD4+ T Cells. PLoS ONE, 2013, 8, e57336.	2.5	32
42	Corticosteroid-Induced Immunosuppression Ultimately Does Not Compromise the Efficacy of Antibiotherapy in Murine Mycobacterium ulcerans Infection. PLoS Neglected Tropical Diseases, 2012, 6, e1925.	3.0	13
43	Differential Arabinan Capping of Lipoarabinomannan Modulates Innate Immune Responses and Impacts T Helper Cell Differentiation. Journal of Biological Chemistry, 2012, 287, 44173-44183.	3.4	14
44	The rs5743836 polymorphism in TLR9 confers a population-based increased risk of non-Hodgkin lymphoma. Genes and Immunity, 2012, 13, 197-201.	4.1	35
45	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
46	Local and Regional Re-Establishment of Cellular Immunity during Curative Antibiotherapy of Murine Mycobacterium ulcerans Infection. PLoS ONE, 2012, 7, e32740.	2.5	21
47	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
48	TLR2 deficiency by compromising p19 (IL-23) expression limits Th 17 cell responses to Mycobacterium tuberculosis. International Immunology, 2011, 23, 89-96.	4.0	28
49	Mycobacterium ulcerans Triggers T-Cell Immunity followed by Local and Regional but Not Systemic Immunosuppression. Infection and Immunity, 2011, 79, 421-430.	2.2	41
50	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.	2.5	37
51	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, 743-753.	4.0	8
52	In vivo short-term and long-term host reaction to starch-based scaffolds. Acta Biomaterialia, 2010, 6, 4314-4326.	8.3	37
53	Plasmacytoid and conventional dendritic cells are early producers of ILâ€12 in Neospora caninumâ€infected mice. Immunology and Cell Biology, 2010, 88, 79-86.	2.3	24
54	IFN-Î³â€“Dependent Activation of Macrophages during Experimental Infections by Mycobacterium ulcerans Is Impaired by the Toxin Mycolactone. Journal of Immunology, 2010, 184, 947-955.	0.8	50

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55	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
56	Chitosan Improves the Biological Performance of Soy-Based Biomaterials. Tissue Engineering - Part A, 2010, 16, 2883-2890.	3.1	13
57	Virulence Attenuation of Candida albicans Genetic Variants Isolated from a Patient with a Recurrent Bloodstream Infection. PLoS ONE, 2010, 5, e10155.	2.5	22
58	Gellan Gum Injectable Hydrogels for Cartilage Tissue Engineering Applications: In Vitro Studies and Preliminary In Vivo Evaluation. Tissue Engineering - Part A, 2010, 16, 343-353.	3.1	142
59	Pathological role of interleukin 17 in mice subjected to repeated BCG vaccination after infection with Mycobacterium tuberculosis. Journal of Experimental Medicine, 2010, 207, 1609-1616.	8.5	230
60	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
61	Cdc42p controls yeast-cell shape and virulence of Paracoccidioides brasiliensis. Fungal Genetics and Biology, 2009, 46, 919-926.	2.1	54
62	A New Model of Laryngitis: Neuropeptide, Cyclooxygenase, and Cytokine Profile. Laryngoscope, 2008, 118, 78-86.	2.0	13
63	Strategies for use of ILâ€10 or its antagonists in human disease. Immunological Reviews, 2008, 223, 114-131.	6.0	383
64	IL-10 modulates depressive-like behavior. Journal of Psychiatric Research, 2008, 43, 89-97.	3.1	121
65	Developments on Drug Delivery Systems for the Treatment of Mycobacterial Infections. Current Topics in Medicinal Chemistry, 2008, 8, 579-591.	2.1	45
66	First Cultivation and Characterization of Mycobacterium ulcerans from the Environment. PLoS Neglected Tropical Diseases, 2008, 2, e178.	3.0	175
67	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, 3979-3988.	2.2	88
68	Evidence for an Intramacrophage Growth Phase of Mycobacterium ulcerans. Infection and Immunity, 2007, 75, 977-987.	2.2	91
69	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
70	Analysis of the immune response to Neospora caninum in a model of intragastric infection in mice. Parasite Immunology, 2007, 29, 23-36.	1.5	18
71	Neospora caninum: High susceptibility to the parasite in C57BL/10ScCr mice. Experimental Parasitology, 2007, 115, 68-75.	1.2	15
72	Cutting Edge: IFN-Î³ Regulates the Induction and Expansion of IL-17-Producing CD4 T Cells during Mycobacterial Infection. Journal of Immunology, 2006, 177, 1416-1420.	0.8	249

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73	Breakpoints in immunoregulation required for Th1 cells to induce diabetes. European Journal of Immunology, 2006, 36, 2315-2323.	2.9	19
74	Infection with Mycobacterium ulcerans Induces Persistent Inflammatory Responses in Mice. Infection and Immunity, 2005, 73, 6299-6310.	2.2	92
75	Antiâ€“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
76	Cytokines Involved in Resistance to Mycobacterium avium in a Mouse Model of Infection. Medical Principles and Practice, 1997, 6, 97-102.	2.4	1
77	In Vivo Evidence for a Non-T Cell Origin of Interleukin-5. Scandinavian Journal of Immunology, 1995, 41, 288-292.	2.7	7
78	Susceptibility of beige mice to Mycobacterium avium: role of neutrophils. Infection and Immunity, 1995, 63, 3381-3387.	2.2	100
79	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, 3962-3971.	2.2	194
80	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