

# Helton Santiago

## List of Publications by Year in descending order

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51  
papers

2,078  
citations

236612

25  
h-index

233125

45  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2837  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cutting Edge: TLR9 and TLR2 Signaling Together Account for MyD88-Dependent Control of Parasitemia in <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2006, 177, 3515-3519.	0.4	285
2	Generalized urticaria induced by the Na-ASP-2 hookworm vaccine: Implications for the development of vaccines against helminths. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 169-176.e6.	1.5	151
3	Prevalence of CD8 <sup>+</sup> IL2 <sup>+</sup> T cells in <i>Trypanosoma cruzi</i> -elicited myocarditis is associated with acquisition of CD62L <sup>Low</sup> LFA-1 <sup>High</sup> VLA-4 <sup>High</sup> activation phenotype and expression of IFN- $\beta$ -inducible adhesion and chemoattractant molecules. <i>Microbes and Infection</i> , 2001, 3, 971-984.	1.0	111
4	Mice Deficient in LRG-47 Display Enhanced Susceptibility to <i>Trypanosoma cruzi</i> Infection Associated with Defective Hemopoiesis and Intracellular Control of Parasite Growth. <i>Journal of Immunology</i> , 2005, 175, 8165-8172.	0.4	99
5	Randomized, placebo-controlled, double-blind trial of the Na-ASP-2 Hookworm Vaccine in unexposed adults. <i>Vaccine</i> , 2008, 26, 2408-2417.	1.7	91
6	The cytosolic sensor STING is required for intestinal homeostasis and control of inflammation. <i>Mucosal Immunology</i> , 2018, 11, 820-834.	2.7	86
7	Vaccination using live attenuated <i>Leishmania donovani</i> centrin deleted parasites induces protection in dogs against <i>Leishmania infantum</i> . <i>Vaccine</i> , 2015, 33, 280-288.	1.7	85
8	An enzymatically inactivated hemoglobinase from <i>Necator americanus</i> induces neutralizing antibodies against multiple hookworm species and protects dogs against heterologous hookworm infection. <i>FASEB Journal</i> , 2009, 23, 3007-3019.	0.2	83
9	IL-10 Limits Parasite Burden and Protects against Fatal Myocarditis in a Mouse Model of <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2012, 188, 649-660.	0.4	83
10	Structural and immunologic cross-reactivity among filarial and mite tropomyosin: Implications for the hygiene hypothesis. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 479-486.	1.5	68
11	Induction of immunogenicity by live attenuated <i>Leishmania donovani</i> centrin deleted parasites in dogs. <i>Vaccine</i> , 2013, 31, 1785-1792.	1.7	60
12	Molecular mimicry between cockroach and helminth glutathione S-transferases promotes cross-reactivity and cross-sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 248-256.e9.	1.5	55
13	The IFN-Inducible GTPase LRG47 ( <i>Irgm1</i> ) Negatively Regulates TLR4-Triggered Proinflammatory Cytokine Production and Prevents Endotoxemia. <i>Journal of Immunology</i> , 2007, 179, 5514-5522.	0.4	52
14	Influence of low-density lipoprotein (LDL) receptor on lipid composition, inflammation and parasitism during <i>Toxoplasma gondii</i> infection. <i>Microbes and Infection</i> , 2008, 10, 276-284.	1.0	50
15	Involvement of the Chemokine RANTES (CCL5) in Resistance to Experimental Infection with <i>Leishmania major</i> . <i>Infection and Immunity</i> , 2004, 72, 4918-4923.	1.0	41
16	<i>Necator americanus</i> Infection: A Possible Cause of Altered Dendritic Cell Differentiation and Eosinophil Profile in Chronically Infected Individuals. <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e399.	1.3	41
17	<i>Trypanosoma cruzi</i> -triggered meningoencephalitis is a CCR1/CCR5-independent inflammatory process. <i>Journal of Neuroimmunology</i> , 2007, 184, 156-163.	1.1	38
18	<i>Leishmania</i> sp: Comparative Study with <i>Toxoplasma gondii</i> and <i>Trypanosoma cruzi</i> in Their Ability to Initialize IL-12 and IFN- $\beta$ Synthesis. <i>Experimental Parasitology</i> , 2000, 95, 96-105.	0.5	36

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19	Human Helminths and Allergic Disease: The Hygiene Hypothesis and Beyond. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 746-753.	0.6	36
20	Infection with <i>Toxoplasma gondii</i> Increases Atherosclerotic Lesion in ApoE-Deficient Mice. <i>Infection and Immunity</i> , 2004, 72, 3571-3576.	1.0	33
21	Platelet activating factor receptor-deficient mice present delayed interferon- $\gamma$ upregulation and high susceptibility to <i>Leishmania amazonensis</i> infection. <i>Microbes and Infection</i> , 2006, 8, 2569-2577.	1.0	31
22	Early stage-specific immune responses in primary experimental human hookworm infection. <i>Microbes and Infection</i> , 2008, 10, 1524-1535.	1.0	30
23	Interferon-Gamma Promotes Infection of Astrocytes by <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2015, 10, e0118600.	1.1	30
24	Cysteamine, the natural metabolite of pantetheinase, shows specific activity against <i>Plasmodium</i> . <i>Experimental Parasitology</i> , 2010, 125, 315-324.	0.5	29
25	Role of CCL3/MIP-1 $\alpha$ and CCL5/RANTES during acute <i>Trypanosoma cruzi</i> infection in rats. <i>Microbes and Infection</i> , 2010, 12, 669-676.	1.0	29
26	Mast cell degranulation contributes to susceptibility to <i>Leishmania major</i> . <i>Parasite Immunology</i> , 2009, 31, 140-146.	0.7	26
27	NADPH Phagocyte Oxidase Knockout Mice Control <i>Trypanosoma cruzi</i> Proliferation, but Develop Circulatory Collapse and Succumb to Infection. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1492.	1.3	24
28	T $\alpha$ cells producing multiple combinations of IFN $\gamma$ , TNF and IL10 are associated with mild forms of dengue infection. <i>Immunology</i> , 2020, 160, 90-102.	2.0	23
29	Helminth Infection Alters IgE Responses to Allergens Structurally Related to Parasite Proteins. <i>Journal of Immunology</i> , 2015, 194, 93-100.	0.4	22
30	Fusion of <i>Na<math>\alpha</math>ASP<math>\alpha</math>2</i> with human immunoglobulin Fc $\gamma$ 3 abrogates histamine release from basophils sensitized with anti- <i>Na<math>\alpha</math>ASP<math>\alpha</math>2</i> IgE. <i>Parasite Immunology</i> , 2012, 34, 404-411.	0.7	21
31	A DNA vaccine encoding CCL4/MIP-1 $\beta$ enhances myocarditis in experimental <i>Trypanosoma cruzi</i> infection in rats. <i>Microbes and Infection</i> , 2006, 8, 2745-2755.	1.0	20
32	Structural Differences between Human Proteins and Aero- and Microbial Allergens Define Allergenicity. <i>PLoS ONE</i> , 2012, 7, e40552.	1.1	19
33	Monocyte chemoattractant protein-1 involvement in the $\alpha$ -tocopherol-induced reduction of atherosclerotic lesions in apolipoprotein E knockout mice. <i>British Journal of Nutrition</i> , 2003, 90, 3-11.	1.2	18
34	Nanoencapsulated Doxorubicin Prevents Mucositis Development in Mice. <i>Pharmaceutics</i> , 2021, 13, 1021.	2.0	16
35	Obesity-induced diet leads to weight gain, systemic metabolic alterations, adipose tissue inflammation, hepatic steatosis, and oxidative stress in gerbils ( <i>Meriones unguiculatus</i> ). <i>PeerJ</i> , 2017, 5, e2967.	0.9	15
36	Characterization of Chronic Cutaneous Lesions from TNF-Receptor-1-Deficient Mice Infected by <i>Leishmania major</i> . <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-12.	3.3	14

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37	<i>Trypanosoma cruzi</i> Causes Paralyzing Systemic Necrotizing Vasculitis Driven by Pathogen-Specific Type I Immunity in Mice. <i>Infection and Immunity</i> , 2016, 84, 1123-1136.	1.0	14
38	Combined Interleukin-12 and Topical Chemotherapy for Established Leishmaniasis Drastically Reduces Tissue Parasitism and Relapses in Susceptible Mice. <i>Journal of Infectious Diseases</i> , 2001, 183, 1646-1652.	1.9	13
39	The flavonoid dioclein reduces the production of pro-inflammatory mediators in vitro by inhibiting PDE4 activity and scavenging reactive oxygen species. <i>European Journal of Pharmacology</i> , 2010, 633, 85-92.	1.7	13
40	Role in Allergic Diseases of Immunological Cross-Reactivity between Allergens and Homologues of Parasite Proteins. <i>Critical Reviews in Immunology</i> , 2016, 36, 1-11.	1.0	13
41	Allergic Sensitization Underlies Hyperreactive Antigen-Specific CD4+ T Cell Responses in Coincident Filarial Infection. <i>Journal of Immunology</i> , 2016, 197, 2772-2779.	0.4	12
42	Type 1 Innate Lymphoid Cell and Natural Killer Cells Are Sources of Interferon- $\gamma$ and Other Inflammatory Cytokines Associated With Distinct Clinical Presentation in Early Dengue Infection. <i>Journal of Infectious Diseases</i> , 2021, , .	1.9	11
43	Behavioral alterations in long-term <i>Toxoplasma gondii</i> infection of C57BL/6 mice are associated with neuroinflammation and disruption of the blood brain barrier. <i>PLoS ONE</i> , 2021, 16, e0258199.	1.1	11
44	Early infection with <i>Leishmania major</i> restrains pathogenic response to <i>Leishmania amazonensis</i> and parasite growth. <i>Acta Tropica</i> , 2008, 106, 27-38.	0.9	9
45	Mouse Neural Stem Cell Differentiation and Human Adipose Mesenchymal Stem Cell Transdifferentiation Into Neuron- and Oligodendrocyte-like Cells With Myelination Potential. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 732-751.	1.7	9
46	Targeting the Annexin A1-FPR2/ALX pathway for host-directed therapy in dengue disease. <i>ELife</i> , 2022, 11, .	2.8	8
47	Peculiarities of Zika Immunity and Vaccine Development: Lessons from Dengue and the Contribution from Controlled Human Infection Model. <i>Pathogens</i> , 2022, 11, 294.	1.2	5
48	Chronic antigen ingestion protects ovalbumin sensitized mice from severe manifestation of <i>Leishmania major</i> infection. <i>Parasite Immunology</i> , 2008, 30, 646-9.	0.7	3
49	Multifunctional T cell response in convalescent patients two years after ZIKV infection. <i>Journal of Leukocyte Biology</i> , 2020, 108, 1265-1277.	1.5	3
50	Helminth infection modulates number and function of adipose tissue Tregs in high fat diet-induced obesity. <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010105.	1.3	3
51	Splenectomy Increases Mortality in Murine <i>Trypanosoma cruzi</i> Infection. <i>Scandinavian Journal of Immunology</i> , 2011, 73, 36-45.	1.3	0