

Magali Noval Rivas

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

4,167
citations

172386

29
h-index

233338

45
g-index

56
all docs

56
docs citations

56
times ranked

5682
citing authors

#	ARTICLE	IF	CITATIONS
1	A microbiota signature associated with experimental food allergy promotes allergic sensitization and anaphylaxis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 201-212.	1.5	381
2	Regulatory T Cell Reprogramming toward a Th2-Cell-like Lineage Impairs Oral Tolerance and Promotes Food Allergy. <i>Immunity</i> , 2015, 42, 512-523.	6.6	283
3	Regulatory T cells in allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 639-652.	1.5	272
4	Microbiota therapy acts via a regulatory T cell MyD88/ROR γ t pathway to suppress food allergy. <i>Nature Medicine</i> , 2019, 25, 1164-1174.	15.2	259
5	Superantigenic character of an insert unique to SARS-CoV-2 spike supported by skewed TCR repertoire in patients with hyperinflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25254-25262.	3.3	252
6	IL-4 production by group 2 innate lymphoid cells promotes food allergy by blocking regulatory T-cell function. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 801-811.e9.	1.5	185
7	Characterization of the microbiome of nipple aspirate fluid of breast cancer survivors. <i>Scientific Reports</i> , 2016, 6, 28061.	1.6	177
8	Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	170
9	Kawasaki disease: pathophysiology and insights from mouse models. <i>Nature Reviews Rheumatology</i> , 2020, 16, 391-405.	3.5	147
10	Oral immunotherapy induces IgG antibodies that act through Fc γ RIIb to suppress IgE-mediated hypersensitivity. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1310-1317.e6.	1.5	146
11	MyD88 Adaptor-Dependent Microbial Sensing by Regulatory T Cells Promotes Mucosal Tolerance and Enforces Commensalism. <i>Immunity</i> , 2015, 43, 289-303.	6.6	133
12	HLA class II-associated expansion of TRBV11-2 T cells in multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	130
13	Immunoglobulin E Signal Inhibition during Allergen Ingestion Leads to Reversal of Established Food Allergy and Induction of Regulatory T Cells. <i>Immunity</i> , 2014, 41, 141-151.	6.6	123
14	Direct effects of IL-4 on mast cells drive their intestinal expansion and increase susceptibility to anaphylaxis in a murine model of food allergy. <i>Mucosal Immunology</i> , 2013, 6, 740-750.	2.7	111
15	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	108
16	The autoimmune signature of hyperinflammatory multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	103
17	Intestinal Permeability and IgA Provoke Immune Vasculitis Linked to Cardiovascular Inflammation. <i>Immunity</i> , 2019, 51, 508-521.e6.	6.6	96
18	Platelets Fuel the Inflammasome Activation of Innate Immune Cells. <i>Cell Reports</i> , 2020, 31, 107615.	2.9	96

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19	COVID-19-associated multisystem inflammatory syndrome in children (MIS-C): A novel disease that mimics toxic shock syndrome—the superantigen hypothesis. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 57-59.	1.5	87
20	Role of Interleukin-1 Signaling in a Mouse Model of Kawasaki Disease—Associated Abdominal Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 886-897.	1.1	85
21	Regulatory T Cell-Derived TGF- β 1 Controls Multiple Checkpoints Governing Allergy and Autoimmunity. <i>Immunity</i> , 2020, 53, 1202-1214.e6.	6.6	77
22	NK Cell Regulation of CD4 T Cell-Mediated Graft-versus-Host Disease. <i>Journal of Immunology</i> , 2010, 184, 6790-6798.	0.4	76
23	Vehicular exhaust particles promote allergic airway inflammation through an aryl hydrocarbon receptor—notch signaling cascade. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 441-453.	1.5	74
24	The microbiome in asthma. <i>Current Opinion in Pediatrics</i> , 2016, 28, 764-771.	1.0	57
25	Multisystem Inflammatory Syndrome in Children and Long COVID: The SARS-CoV-2 Viral Superantigen Hypothesis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	56
26	MyD88 is critically involved in immune tolerance breakdown at environmental interfaces of Foxp3-deficient mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 1933-1947.	3.9	50
27	IL-1 receptor antagonist, anakinra, prevents myocardial dysfunction in a mouse model of Kawasaki disease vasculitis and myocarditis. <i>Clinical and Experimental Immunology</i> , 2019, 198, 101-110.	1.1	47
28	Loss of testosterone impairs anti-tumor neutrophil function. <i>Nature Communications</i> , 2020, 11, 1613.	5.8	40
29	CD8+ T Cells Contribute to the Development of Coronary Arteritis in the <i>Lactobacillus casei</i> Cell Wall Extract—Induced Murine Model of Kawasaki Disease. <i>Arthritis and Rheumatology</i> , 2017, 69, 410-421.	2.9	38
30	A Comprehensive Update on Kawasaki Disease Vasculitis and Myocarditis. <i>Current Rheumatology Reports</i> , 2020, 22, 6.	2.1	37
31	NLRP3 Inflammasome Mediates Immune-Stromal Interactions in Vasculitis. <i>Circulation Research</i> , 2021, 129, e183-e200.	2.0	29
32	Interleukin-1 Beta—Mediated Sex Differences in Kawasaki Disease Vasculitis Development and Response to Treatment. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 802-818.	1.1	29
33	A monoclonal antibody against staphylococcal enterotoxin B superantigen inhibits SARS-CoV-2 entry in vitro. <i>Structure</i> , 2021, 29, 951-962.e3.	1.6	28
34	CD8+ T-Cell Depletion and Rapamycin Synergize with Combined Coreceptor/Stimulation Blockade to Induce Robust Limb Allograft Tolerance in Mice. <i>American Journal of Transplantation</i> , 2008, 8, 2527-2536.	2.6	24
35	Cutting Edge: Small Molecule CD40 Ligand Mimetics Promote Control of Parasitemia and Enhance T Cells Producing IFN- γ during Experimental <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2007, 178, 6700-6704.	0.4	23
36	Reviving Function in CD4+ T Cells Adapted to Persistent Systemic Antigen. <i>Journal of Immunology</i> , 2009, 183, 4284-4291.	0.4	23

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37	Autophagy-mitophagy induction attenuates cardiovascular inflammation in a murine model of Kawasaki disease vasculitis. JCI Insight, 2021, 6, .	2.3	23
38	T-Cell-Intrinsic Receptor Interacting Protein 2 Regulates Pathogenic T Helper 17 Cell Differentiation. Immunity, 2018, 49, 873-885.e7.	6.6	19
39	Myocardial fibrosis after adrenergic stimulation as a long-term sequela in a mouse model of Kawasaki disease vasculitis. JCI Insight, 2019, 4, .	2.3	13
40	MicroRNA-223 Regulates the Development of Cardiovascular Lesions in LCWE-Induced Murine Kawasaki Disease Vasculitis by Repressing the NLRP3 Inflammasome. Frontiers in Pediatrics, 2021, 9, 662953.	0.9	12
41	IL-1-dependent electrophysiological changes and cardiac neural remodeling in a mouse model of Kawasaki disease vasculitis. Clinical and Experimental Immunology, 2020, 199, 303-313.	1.1	10
42	Targeting IRE1 endoribonuclease activity alleviates cardiovascular lesions in a murine model of Kawasaki disease vasculitis. JCI Insight, 2022, 7, .	2.3	6
43	Endotoxin hyperresponsiveness upon CD4 ⁺ T cell reconstitution in lymphopenic mice: control by natural regulatory T cells. European Journal of Immunology, 2008, 38, 48-53.	1.6	5
44	Inhibition of IL-6 in the LCWE Mouse Model of Kawasaki Disease Inhibits Acute Phase Reactant Serum Amyloid A but Fails to Attenuate Vasculitis. Frontiers in Immunology, 2021, 12, 630196.	2.2	4
45	Characterization of the T Cell Response to Lactobacillus casei Cell Wall Extract in Children With Kawasaki Disease and Its Potential Role in Vascular Inflammation. Frontiers in Pediatrics, 2021, 9, 633244.	0.9	2
46	NK CELL REGULATION OF ANTIGEN-DRIVEN T CELL EXPANSION. Transplantation, 2010, 90, 381.	0.5	0
47	Experimental Food Allergy with defective formation of induced Regulatory T (iTreg) Cells: Phenotype Rescue With Allergen-Specific Treg cell therapy. Journal of Allergy and Clinical Immunology, 2011, 127, AB142-AB142.	1.5	0
48	A Protective Function for the Transcription factor STAT6 in Eczematous Skin Inflammation Revealed in Mice with Enhanced IL-4R Signaling. Journal of Allergy and Clinical Immunology, 2019, 143, AB123.	1.5	0
49	Rationale for Randomized Clinical Trials Investigating the Potential of BCG Vaccination in Preventing COVID-19 Infection. Bladder Cancer, 2021, 7, 121-131.	0.2	0
50	Abstract 261: Proteomic Analysis of Infrarenal and Suprarenal Aorta in a Kawasaki Disease Vasculitis Murine Model Associated with Infrarenal Abdominal Aorta Dilatation and Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	1.1	0