

# Maria T Rugeles

## List of Publications by Year in descending order

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87  
papers

2,218  
citations

218381

26  
h-index

264894

42  
g-index

96  
all docs

96  
docs citations

96  
times ranked

3798  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of human invariant natural killer T subsets in health and disease using a novel invariant natural killer T cell-specific monoclonal antibody, 6B11. <i>Immunology</i> , 2007, 122, 1-14.	2.0	190
2	Defective antigen-presenting cell function in human neonates. <i>Clinical Immunology</i> , 2006, 121, 251-259.	1.4	153
3	Antibody Responses in COVID-19: A Review. <i>Frontiers in Immunology</i> , 2021, 12, 633184.	2.2	105
4	Ribonuclease is partly responsible for the HIV-1 inhibitory effect activated by HLA alloantigen recognition. <i>Aids</i> , 2003, 17, 481-486.	1.0	87
5	Invariant NKT cells from HIV-1 or Mycobacterium tuberculosis-infected patients express an activated phenotype. <i>Clinical Immunology</i> , 2008, 127, 1-6.	1.4	74
6	Increased Levels of Human Beta-Defensins mRNA in Sexually HIV-1 Exposed But Uninfected Individuals. <i>Current HIV Research</i> , 2008, 6, 531-538.	0.2	74
7	Immunological Characterization of Compensatory Anti-Inflammatory Response Syndrome in Patients With Severe Sepsis. <i>Critical Care Medicine</i> , 2014, 42, 771-780.	0.4	69
8	Activation of Plasmacytoid Dendritic Cells with TLR9 Agonists Initiates Invariant NKT Cell-Mediated Cross-Talk with Myeloid Dendritic Cells. <i>Journal of Immunology</i> , 2006, 177, 1028-1039.	0.4	66
9	HIV replication is associated to inflammasomes activation, IL-1 $\beta$ , IL-18 and caspase-1 expression in GALT and peripheral blood. <i>PLoS ONE</i> , 2018, 13, e0192845.	1.1	64
10	Ribonucleases in HIV Type 1 Inhibition: Effect of Recombinant RNases on Infection of Primary T Cells and Immune Activation-Induced RNase Gene and Protein Expression. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 897-907.	0.5	54
11	Curcumin Inhibits In Vitro SARS-CoV-2 Infection In Vero E6 Cells through Multiple Antiviral Mechanisms. <i>Molecules</i> , 2021, 26, 6900.	1.7	53
12	Effect of intrauterine HIV-1 exposure on the frequency and function of uninfected newborns' dendritic cells. <i>Clinical Immunology</i> , 2008, 126, 243-250.	1.4	52
13	CD8+ T-Cell Response to HIV Infection in the Era of Antiretroviral Therapy. <i>Frontiers in Immunology</i> , 2019, 10, 1896.	2.2	52
14	HIV-Induced T-Cell Activation/Exhaustion in Rectal Mucosa Is Controlled Only Partially by Antiretroviral Treatment. <i>PLoS ONE</i> , 2012, 7, e30307.	1.1	48
15	The Potential Protective Role of Vitamin D Supplementation on HIV-1 Infection. <i>Frontiers in Immunology</i> , 2019, 10, 2291.	2.2	48
16	Particular activation phenotype of T cells expressing HLA-DR but not CD38 in GALT from HIV-controllers is associated with immune regulation and delayed progression to AIDS. <i>Immunologic Research</i> , 2016, 64, 765-774.	1.3	37
17	cAMP During HIV Infection: Friend or Foe?. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 49-53.	0.5	35
18	In vitro human immunodeficiency virus and sperm cell interaction mediated by the mannose receptor. <i>Journal of Reproductive Immunology</i> , 2011, 92, 1-7.	0.8	34

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19	Role of Different Subpopulations of CD8+ T Cells during HIV Exposure and Infection. <i>Frontiers in Immunology</i> , 2017, 8, 936.	2.2	34
20	High Transcript Levels of Vitamin D Receptor Are Correlated with Higher mRNA Expression of Human Beta Defensins and IL-10 in Mucosa of HIV-1-Exposed Seronegative Individuals. <i>PLoS ONE</i> , 2013, 8, e82717.	1.1	34
21	Influence of <i>CCR5</i> and <i>CCR2</i> Genetic Variants in the Resistance/Susceptibility to HIV in Serodiscordant Couples from Colombia. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 1594-1603.	0.5	33
22	Variants in LTA, TNF, IL1B and IL10 genes associated with the clinical course of sepsis. <i>Immunologic Research</i> , 2016, 64, 1168-1178.	1.3	32
23	Follicular CD8+ T Cells: Origin, Function and Importance during HIV Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1241.	2.2	32
24	Presence of HIV-1 DNA in Spermatozoa from HIV-Positive Patients: Changes in the Semen Parameters. <i>Current HIV Research</i> , 2009, 7, 418-424.	0.2	32
25	Short Communication: Low Expression of Activation and Inhibitory Molecules on NK Cells and CD4+ T Cells Is Associated with Viral Control. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 636-640.	0.5	29
26	An altered cytotoxic program of CD8+ T-cells in HIV-infected patients despite HAART-induced viral suppression. <i>PLoS ONE</i> , 2019, 14, e0210540.	1.1	29
27	The Role of Mannose Receptor on HIV-1 Entry into Human Spermatozoa. <i>American Journal of Reproductive Immunology</i> , 2006, 55, 241-245.	1.2	26
28	Identification of innate immune antiretroviral factors during in vivo and in vitro exposure to HIV-1. <i>Microbes and Infection</i> , 2016, 18, 211-219.	1.0	25
29	Frequency and function of circulating invariant NKT cells in autoimmune diabetes mellitus and thyroid diseases in Colombian patients. <i>Human Immunology</i> , 2009, 70, 262-268.	1.2	24
30	Frequency of CCR5 Delta-32 Mutation in Human Immunodeficiency Virus (HIV)-seropositive and HIV-exposed Seronegative Individuals and in General Population of Medellin, Colombia. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2000, 95, 237-242.	0.8	23
31	Alloantigen recognition in utero: dual advantage for the fetus?. <i>Trends in Immunology</i> , 2004, 25, 348-352.	2.9	23
32	Mucosa: Key Interactions Determining Sexual Transmission of the HIV Infection. <i>Frontiers in Immunology</i> , 2019, 10, 144.	2.2	23
33	Incomplete Normalization of Regulatory T-Cell Frequency in the Gut Mucosa of Colombian HIV-Infected Patients Receiving Long-Term Antiretroviral Treatment. <i>PLoS ONE</i> , 2013, 8, e71062.	1.1	22
34	Higher Frequency of NK and CD4+ T-Cells in Mucosa and Potent Cytotoxic Response in HIV Controllers. <i>PLoS ONE</i> , 2015, 10, e0136292.	1.1	22
35	A Low Frequency of IL-17-Producing CD8+ T-Cells Is Associated With Persistent Immune Activation in People Living With HIV Despite HAART-Induced Viral Suppression. <i>Frontiers in Immunology</i> , 2018, 9, 2502.	2.2	20
36	In vitro anti-influenza screening of several Euphorbiaceae species: Structure of a bioactive Cyanoglucoside from <i>Codiaeum variegatum</i> . <i>Phytochemistry</i> , 2008, 69, 2815-2819.	1.4	19

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37	Antiretroviral effect of lovastatin on HIV-1-infected individuals without highly active antiretroviral therapy (The LIVE study): a phase-II randomized clinical trial. <i>Trials</i> , 2009, 10, 41.	0.7	19
38	Antiviral molecules correlate with vitamin D pathway genes and are associated with natural resistance to HIV-1 infection. <i>Microbes and Infection</i> , 2016, 18, 510-516.	1.0	19
39	Cytotoxic CD4+ T-cells during HIV infection: Targets or weapons?. <i>Journal of Clinical Virology</i> , 2019, 119, 17-23.	1.6	18
40	Circulating CXCR5-Expressing CD8+ T-Cells Are Major Producers of IL-21 and Associate With Limited HIV Replication. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 473-482.	0.9	17
41	Aislamiento y caracterizaci3n de una cepa temprana de SARS-CoV-2 durante la epidemia de 2020 en Medell3n, Colombia. <i>Biomedica</i> , 2020, 40, 148-158.	0.3	17
42	Genetic and Immunological Factors Involved in Natural Resistance to HIV-1 Infection. <i>The Open Virology Journal</i> , 2011, 5, 35-43.	1.8	17
43	High Expression of Antiviral Proteins in Mucosa from Individuals Exhibiting Resistance to Human Immunodeficiency Virus. <i>PLoS ONE</i> , 2015, 10, e0131139.	1.1	16
44	Precursor Forms of Vitamin D Reduce HIV-1 Infection In Vitro. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 73, 497-506.	0.9	16
45	The Hydroalcoholic Extract of <i>Uncaria tomentosa</i> (Cat3's Claw) Inhibits the Infection of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) In Vitro. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	0.5	16
46	Contribution of the Microbiota to Intestinal Homeostasis and its Role in the Pathogenesis of HIV-1 Infection. <i>Current HIV Research</i> , 2019, 17, 13-25.	0.2	16
47	Higher SLPI Expression, Lower Immune Activation, and Increased Frequency of Immune Cells in a Cohort of Colombian HIV-1 Controllers. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 60, 12-19.	0.9	15
48	Randomized clinical trial of lovastatin in HIV-infected, HAART na3ve patients (NCT00721305). <i>Journal of Infection</i> , 2012, 65, 549-558.	1.7	15
49	High Expression of Antiviral and Vitamin D Pathway Genes Are a Natural Characteristic of a Small Cohort of HIV-1-Exposed Seronegative Individuals. <i>Frontiers in Immunology</i> , 2017, 8, 136.	2.2	15
50	Role of CD8<sup>+</sup> T Cells in the Selection of HIV-1 Immune Escape Mutations. <i>Viral Immunology</i> , 2017, 30, 3-12.	0.6	14
51	Vitamin D treatment of peripheral blood mononuclear cells modulated immune activation and reduced susceptibility to HIV-1 infection of CD4+ T lymphocytes. <i>PLoS ONE</i> , 2019, 14, e0222878.	1.1	14
52	Humoral Response to BNT162b2 Vaccine Against SARS-CoV-2 Variants Decays After Six Months. <i>Frontiers in Immunology</i> , 2022, 13, 879036.	2.2	13
53	Induction of Follicular-Like CXCR5<sup>+</sup>CD8<sup>+</sup> T Cells by TGF-3/IL-23 Is Limited During HIV Infection. <i>Viral Immunology</i> , 2019, 32, 278-288.	0.6	11
54	Atorvastatin Effectively Inhibits Ancestral and Two Emerging Variants of SARS-CoV-2 in vitro. <i>Frontiers in Microbiology</i> , 2022, 13, 721103.	1.5	11

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55	Role of Regulatory T Cells and Inhibitory Molecules in the Development of Immune Exhaustion During Human Immunodeficiency Virus Type 1 Infection. <i>Viral Immunology</i> , 2016, 29, 2-10.	0.6	9
56	A 6-amino acid insertion/deletion polymorphism in the mucin domain of TIM-1 confers protections against HIV-1 infection. <i>Microbes and Infection</i> , 2017, 19, 69-74.	1.0	9
57	Chronically HIV-1 Infected Patients Exhibit Low Frequencies of CD25+ Regulatory T Cells. <i>The Open Virology Journal</i> , 2012, 6, 49-58.	1.8	9
58	Differential expression of human beta defensins in placenta and detection of allelic variants in the DEFBI gene from HIV-1 positive mothers. <i>Biomedica</i> , 2011, 31, 44-54.	0.3	9
59	Fetal-Maternal HLA-A and $\beta$ B Discordance is Associated with Placental RNase Expression and Anti-HIV-1 Activity. <i>Current HIV Research</i> , 2008, 6, 380-387.	0.2	8
60	Haplotypes in CCR5-CCR2, CCL3 and CCL5 are associated with natural resistance to HIV-1 infection in a Colombian cohort. <i>Biomedica</i> , 2017, 37, 267-273.	0.3	8
61	Spontaneous HIV Controllers Exhibit Preserved Immune Parameters in Peripheral Blood and Gastrointestinal Mucosa. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 70, 115-121.	0.9	7
62	Sulfasalazine as an Immunomodulator of the Inflammatory Process during HIV-1 Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4476.	1.8	7
63	High activation and skewed T cell differentiation are associated with low IL-17A levels in a huPBL-NSG-SGM3 mouse model of HIV infection. <i>Clinical and Experimental Immunology</i> , 2020, 200, 185-198.	1.1	7
64	Innate immune defenses in HIV-1 infection: prospects for a novel immune therapy. <i>Expert Review of Anti-Infective Therapy</i> , 2006, 4, 767-780.	2.0	6
65	Spontaneous Control of HIV Replication, but not HAART-Induced Viral Suppression, Is Associated With Lower Activation of Immune Cells. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 66, 365-369.	0.9	6
66	Selection Pressure in CD8+ T-cell Epitopes in the pol Gene of HIV-1 Infected Individuals in Colombia. A Bioinformatic Approach. <i>Viruses</i> , 2015, 7, 1313-1331.	1.5	6
67	IN VITRO ANTI-HIV-1 ACTIVITY OF THE ENZYMATIC EXTRACT ENRICHED WITH LACCASE PRODUCED BY THE FUNGI GANODERMA SP. AND LENTINUS SP.. <i>Vitae</i> , 2016, 23, 109-118.	0.2	6
68	Vitamin D modulates the expression of HLA-DR and CD38 after in vitro activation of T-cells. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 29, 93-103.	0.3	5
69	IL-21 is associated with natural resistance to HIV-1 infection in a Colombian HIV exposed seronegative cohort. <i>Microbes and Infection</i> , 2020, 22, 371-374.	1.0	5
70	Characterization of CXCR5+ CD8+ T-cells in humanized NSG mice. <i>Immunobiology</i> , 2020, 225, 151885.	0.8	5
71	The First Chemically-Synthesised, Highly Immunogenic Anti-SARS-CoV-2 Peptides in DNA Genotyped Aotus Monkeys for Human Use. <i>Frontiers in Immunology</i> , 2021, 12, 724060.	2.2	5
72	Short Communication: Increased Expression of Secretory Leukocyte Protease Inhibitor in Oral Mucosa of Colombian HIV Type 1-Exposed Seronegative Individuals. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1059-1062.	0.5	3

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73	In vivo effect of statins on the expression of the HIV co-receptors CCR5 and CXCR4. <i>AIDS Research and Therapy</i> , 2013, 10, 10.	0.7	3
74	Genetic associations of the vitamin D and antiviral pathways with natural resistance to HIV-1 infection are influenced by interpopulation variability. <i>Infection, Genetics and Evolution</i> , 2019, 73, 276-286.	1.0	3
75	A specific structure and high richness characterize intestinal microbiota of HIV-exposed seronegative individuals. <i>PLoS ONE</i> , 2021, 16, e0260729.	1.1	3
76	The Spontaneous Control of HIV Replication is Characterized by Decreased Pathological Changes in the Gut-associated Lymphoid Tissue. <i>Current HIV Research</i> , 2019, 16, 338-344.	0.2	2
77	Immune characterization of a Colombian family cluster with SARS-CoV-2 infection. <i>Biomedica</i> , 2021, 41, 86-102.	0.3	2
78	Increased frequency of NK and gamma delta 1 T cells in a cohort of patients with sepsis*. <i>Infectio</i> , 2013, 17, 177-184.	0.4	1
79	Actividad antiviral de compuestos aislados de esponjas marinas. <i>Revista De Biología Marina Y Oceanografía</i> , 2014, 49, 401-412.	0.1	1
80	Variants in the CYP7B1 gene region do not affect natural resistance to HIV-1 infection. <i>Retrovirology</i> , 2015, 12, 80.	0.9	1
81	Características inmunológicas claves en la fisiopatología de la sepsis. <i>Infectio</i> , 2015, 19, 40-46.	0.4	1
82	Father-to-Child HIV Transmission: Do Not Forget Sperm Cells as Vectors. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 785-785.	0.5	1
83	Cholecalciferol modulates the phenotype of differentiated monocyte-derived dendritic cells without altering HIV-1 transfer to CD4 <sup>+</sup> T cells. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019, 40, .	0.3	1
84	Mechanisms of human natural resistance to HIV: a summary of ten years of research in the Colombian population. <i>Biomedica</i> , 2011, 31, 269-80.	0.3	1
85	Calcitriol decreases HIV-1 transfer in vitro from monocyte-derived dendritic cells to CD4 <sup>+</sup> T cells, and downregulates the expression of DC-SIGN and SIGLEC-1. <i>PLoS ONE</i> , 2022, 17, e0269932.	1.1	1
86	Factores que influyen en el curso de la infección por el virus de la inmunodeficiencia humana tipo 1 en individuos sin progresión a largo plazo. <i>Infectio</i> , 2009, 13, 111-121.	0.4	0
87	Caracterización de las células T reguladoras por citometría de flujo: estado del arte y controversias. <i>Biomedica</i> , 2010, 30, 37.	0.3	0