

# Christina M Ramirez

## List of Publications by Year in descending order

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92  
papers

5,050  
citations

109137

35  
h-index

95083

68  
g-index

97  
all docs

97  
docs citations

97  
times ranked

7756  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evidence review of face masks against COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	850
2	Incomplete Peripheral CD4 <sup>+</sup> Cell Count Restoration in HIV-1 Infected Patients Receiving Long-Term Antiretroviral Treatment. Clinical Infectious Diseases, 2009, 48, 787-794.	2.9	329
3	Mood switch in bipolar depression: comparison of adjunctive venlafaxine, bupropion and sertraline. British Journal of Psychiatry, 2006, 189, 124-131.	1.7	310
4	Magnesium Decreases Inflammatory Cytokine Production: A Novel Innate Immunomodulatory Mechanism. Journal of Immunology, 2012, 188, 6338-6346.	0.4	276
5	Molecular Characterization, Reactivation, and Depletion of Latent HIV. Immunity, 2003, 19, 413-423.	6.6	184
6	Generation of HIV latency during thymopoiesis. Nature Medicine, 2001, 7, 459-464.	15.2	165
7	Telomerase-Based Pharmacologic Enhancement of Antiviral Function of Human CD8+ T Lymphocytes. Journal of Immunology, 2008, 181, 7400-7406.	0.4	156
8	Evidence for henipavirus spillover into human populations in Africa. Nature Communications, 2014, 5, 5342.	5.8	143
9	Hierarchical Phylogenetic Models for Analyzing Multipartite Sequence Data. Systematic Biology, 2003, 52, 649-664.	2.7	141
10	Lower Switch Rate in Depressed Patients With Bipolar II Than Bipolar I Disorder Treated Adjunctively With Second-Generation Antidepressants. American Journal of Psychiatry, 2006, 163, 313-315.	4.0	140
11	Nonparametric vs Parametric Tests of Location in Biomedical Research. American Journal of Ophthalmology, 2009, 147, 571-572.	1.7	110
12	HIV-1 in genital tract and plasma of women: Compartmentalization of viral sequences, coreceptor usage, and glycosylation. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12972-12977.	3.3	109
13	Identification of T cell-signaling pathways that stimulate latent HIV in primary cells. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12955-12960.	3.3	97
14	Human Immunodeficiency Virus Type 1 Genomic RNA Sequences in the Female Genital Tract and Blood: Compartmentalization and Intrapatient Recombination. Journal of Virology, 2005, 79, 353-363.	1.5	89
15	Thymic Function and Impaired Maintenance of Peripheral T Cell Populations in Children with Congenital Heart Disease and Surgical Thymectomy. Pediatric Research, 2005, 57, 42-48.	1.1	83
16	CD4 on CD8+ T cells directly enhances effector function and is a target for HIV infection. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8727-8732.	3.3	81
17	Medial HOXA genes demarcate haematopoietic stem cell fate during human development. Nature Cell Biology, 2016, 18, 595-606.	4.6	81
18	In vivo activation of latent HIV with a synthetic bryostatin analog effects both latent cell "kick" and "kill" in strategy for virus eradication. PLoS Pathogens, 2017, 13, e1006575.	2.1	73

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19	Oxidized lipids enhance RANKL production by T lymphocytes: Implications for lipid-induced bone loss. <i>Clinical Immunology</i> , 2009, 133, 265-275.	1.4	72
20	Preferential suppression of CXCR4-specific strains of HIV-1 by antiviral therapy. <i>Journal of Clinical Investigation</i> , 2001, 107, 431-438.	3.9	71
21	Accelerated Aging in HIV/AIDS: Novel Biomarkers of Senescent Human CD8+ T Cells. <i>PLoS ONE</i> , 2013, 8, e64702.	1.1	62
22	HIV-1 coreceptor usage and CXCR4-specific viral load predict clinical disease progression during combination antiretroviral therapy. <i>Aids</i> , 2008, 22, 469-479.	1.0	59
23	Activation of CD8 T cells induces expression of CD4, which functions as a chemotactic receptor. <i>Blood</i> , 2002, 99, 207-212.	0.6	56
24	Ebola Virus Neutralizing Antibodies Detectable in Survivors of the Yambuku, Zaire Outbreak 40 Years after Infection. <i>Journal of Infectious Diseases</i> , 2018, 217, 223-231.	1.9	52
25	CD4 Expression on Activated NK Cells: Ligation of CD4 Induces Cytokine Expression and Cell Migration. <i>Journal of Immunology</i> , 2006, 177, 3669-3676.	0.4	51
26	Initial Virological and Immunologic Response to Highly Active Antiretroviral Therapy Predicts Long-Term Clinical Outcome. <i>Clinical Infectious Diseases</i> , 2001, 33, 466-472.	2.9	47
27	Increased Susceptibility of Vault Poly(ADP-Ribose) Polymerase-Deficient Mice to Carcinogen-Induced Tumorigenesis. <i>Cancer Research</i> , 2005, 65, 8846-8852.	0.4	47
28	Interleukin-15 but Not Interleukin-7 Abrogates Vaccine-Induced Decrease in Virus Level in Simian Immunodeficiency Virusmac251-Infected Macaques. <i>Journal of Immunology</i> , 2007, 178, 3492-3504.	0.4	47
29	Bone density and hyperlipidemia: The T-lymphocyte connection. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2460-2469.	3.1	47
30	Is unawareness of psychotic disorder a neurocognitive or psychological defensiveness problem?. <i>Schizophrenia Research</i> , 2005, 75, 147-157.	1.1	46
31	The CD4 molecule on CD8+ T lymphocytes directly enhances the immune response to viral and cellular antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3794-3799.	3.3	44
32	Prostaglandin E2 Promotes Features of Replicative Senescence in Chronically Activated Human CD8+ T Cells. <i>PLoS ONE</i> , 2014, 9, e99432.	1.1	42
33	Predicting adherence to treatment for methamphetamine dependence from neuropsychological and drug use variables. <i>Drug and Alcohol Dependence</i> , 2009, 105, 48-55.	1.6	41
34	Distinct aging profiles of CD8+ T cells in blood versus gastrointestinal mucosal compartments. <i>PLoS ONE</i> , 2017, 12, e0182498.	1.1	41
35	Pandemic velocity: Forecasting COVID-19 in the US with a machine learning & Bayesian time series compartmental model. <i>PLoS Computational Biology</i> , 2021, 17, e1008837.	1.5	39
36	Genetic and Stochastic Influences on the Interaction of Human Immunodeficiency Virus Type 1 and Cytotoxic T Lymphocytes in Identical Twins. <i>Journal of Virology</i> , 2005, 79, 15368-15375.	1.5	37

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37	Signal hotspot mutations in SARS-CoV-2 genomes evolve as the virus spreads and actively replicates in different parts of the world. <i>Virus Research</i> , 2020, 289, 198170.	1.1	37
38	Induction of Humoral Immune Responses following Vaccination with Envelope-Containing, Formaldehyde-Treated, Thermally Inactivated Human Immunodeficiency Virus Type 1. <i>Journal of Virology</i> , 2005, 79, 4927-4935.	1.5	34
39	Characterization of designed, synthetically accessible bryostatin analog HIV latency reversing agents. <i>Virology</i> , 2018, 520, 83-93.	1.1	33
40	Thymic volume, T-cell populations, and parameters of thymopoiesis in adolescent and adult survivors of HIV infection acquired in infancy. <i>Aids</i> , 2006, 20, 667-674.	1.0	32
41	Epigenetic analysis of HIV-1 proviral genomes from infected individuals: Predominance of unmethylated CpG's. <i>Virology</i> , 2014, 449, 181-189.	1.1	32
42	Racial, gender and geographic disparities of antiretroviral treatment among US Medicaid enrollees in 1998. <i>Journal of Epidemiology and Community Health</i> , 2008, 62, 798-803.	2.0	29
43	Long-Term Survivors in Nairobi: Complete HIV-1 RNA Sequences and Immunogenetic Associations. <i>Journal of Infectious Diseases</i> , 2004, 190, 697-701.	1.9	28
44	Racial and Ethnic Disparities in Years of Potential Life Lost Attributable to COVID-19 in the United States: An Analysis of 45 States and the District of Columbia. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2921.	1.2	28
45	SARS-CoV-2 worldwide replication drives rapid rise and selection of mutations across the viral genome: a time-course study – potential challenge for vaccines and therapies. <i>EMBO Molecular Medicine</i> , 2021, 13, e14062.	3.3	28
46	Evolution of Human Immunodeficiency Virus Type 1 Coreceptor Usage during Antiretroviral Therapy: a Bayesian Approach. <i>Journal of Virology</i> , 2004, 78, 11296-11302.	1.5	25
47	Single Mutations in HIV Integrase Confer High-Level Resistance to Raltegravir in Primary Human Macrophages. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 3696-3702.	1.4	23
48	Immunologic profiles distinguish aviremic HIV-infected adults. <i>Aids</i> , 2016, 30, 1553-1562.	1.0	22
49	The Effects of Anti-retroviral Therapy on Epigenetic Age Acceleration Observed in HIV-1-infected Adults. <i>Pathogens and Immunity</i> , 2020, 5, 291.	1.4	22
50	Stable DNA Methylation Boundaries and Expanded Trinucleotide Repeats: Role of DNA Insertions. <i>Journal of Molecular Biology</i> , 2014, 426, 2554-2566.	2.0	21
51	Enfuvirtide antiretroviral therapy in HIV-1 infection. <i>Therapeutics and Clinical Risk Management</i> , 2008, Volume 4, 433-439.	0.9	20
52	Evaluation of Quantitative EEG by Classification and Regression Trees to Characterize Responders to Antidepressant and Placebo Treatment. <i>Open Medical Informatics Journal</i> , 2011, 5, 1-8.	1.0	19
53	Assessment of Thymic Activity in Human Immunodeficiency Virus-Negative and -Positive Adolescents by Real-Time PCR Quantitation of T-Cell Receptor Rearrangement Excision Circles. <i>Vaccine Journal</i> , 2003, 10, 323-328.	3.2	18
54	The politics of vaccine hesitancy in the United States. <i>Social Science Quarterly</i> , 2022, 103, 42-54.	0.9	18

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55	Targeting c-Mpl for Revival of Human Immunodeficiency Virus Type 1-Induced Hematopoietic Inhibition When CD34 + Progenitor Cells Are Re-Engrafted into a Fresh Stromal Microenvironment In Vivo. <i>Journal of Virology</i> , 2004, 78, 11385-11392.	1.5	17
56	Continued Evolution in gp41 after Interruption of Enfuvirtide in Subjects with Advanced HIV Type 1 Disease. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 1260-1266.	0.5	15
57	Supranormal thymic output up to 2 decades after HIV-1 infection. <i>Aids</i> , 2016, 30, 701-711.	1.0	15
58	HIV Type 1 Infection Alters Cytokine mRNA Expression in Thymus. <i>AIDS Research and Human Retroviruses</i> , 2003, 19, 1-12.	0.5	14
59	Protein S and Gas6 induce efferocytosis of HIV-1-infected cells. <i>Virology</i> , 2018, 515, 176-190.	1.1	14
60	Clarifying CB2 receptor-dependent and independent effects of THC on human lung epithelial cells. <i>Toxicology and Applied Pharmacology</i> , 2008, 231, 282-290.	1.3	12
61	Pseudo-likelihood based logistic regression for estimating COVID-19 infection and case fatality rates by gender, race, and age in California. <i>Epidemics</i> , 2020, 33, 100418.	1.5	12
62	Immune Activation, Cd4+ T Cell Counts, and Viremia Exhibit Oscillatory Patterns over Time in Patients with Highly Resistant HIV Infection. <i>PLoS ONE</i> , 2011, 6, e21190.	1.1	12
63	Fuzzy Forests: Extending Random Forest Feature Selection for Correlated, High-Dimensional Data. <i>Journal of Statistical Software</i> , 2019, 91, .	1.8	12
64	Levels of Murine, but Not Human, CXCL13 Are Greatly Elevated in NOD-SCID Mice Bearing the AIDS-Associated Burkitt Lymphoma Cell Line, 2F7. <i>PLoS ONE</i> , 2013, 8, e72414.	1.1	11
65	Study of thymic size and function in children and adolescents with treatment refractory systemic sclerosis eligible for immunoablative therapy. <i>Clinical Immunology</i> , 2009, 133, 295-302.	1.4	10
66	Recombination Between Variants from Genital Tract and Plasma: Evolution of Multidrug-Resistant HIV Type 1. <i>AIDS Research and Human Retroviruses</i> , 2012, 28, 1766-1774.	0.5	10
67	Using Machine Learning to Uncover Hidden Heterogeneities in Survey Data. <i>Scientific Reports</i> , 2019, 9, 16061.	1.6	10
68	HIV infection and risk factors among the armed forces personnel stationed in Kinshasa, Democratic Republic of Congo. <i>International Journal of STD and AIDS</i> , 2015, 26, 187-195.	0.5	9
69	Development of a blocker of the universal phosphatidylserine- and phosphatidylethanolamine-dependent viral entry pathways. <i>Virology</i> , 2021, 560, 17-33.	1.1	9
70	Increased Rate of Epigenetic Aging in Men Living With HIV Prior to Treatment. <i>Frontiers in Genetics</i> , 2021, 12, 796547.	1.1	9
71	Medical Burden, Cerebrovascular Disease, and Cognitive Impairment in Geriatric Depression: Modeling the Relationships With the CART Analysis. <i>CNS Spectrums</i> , 2002, 7, 716-722.	0.7	7
72	Primary Human Immunodeficiency Virus Type 1 (HIV-1) Infection during HIV-1 Gag Vaccination. <i>Journal of Virology</i> , 2008, 82, 2784-2791.	1.5	7

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73	Two-way Bayesian hierarchical phylogenetic models: An application to the co-evolution of gp120 and gp41 during and after enfuvirtide treatment. <i>Computational Statistics and Data Analysis</i> , 2009, 53, 766-775.	0.7	6
74	Baseline Immune Phenotypes and CD4+ T Lymphocyte Responses to Antiretroviral Therapy in Younger versus Older HIV-infected Individuals. <i>Journal of Clinical Immunology</i> , 2011, 31, 873-881.	2.0	6
75	Molecular Epidemiology of HIV Type 1 Subtypes in Rwanda. <i>AIDS Research and Human Retroviruses</i> , 2013, 29, 957-962.	0.5	6
76	HIV-1 viral fitness estimation using exchangeable on subsets priors and prior model selection. <i>Statistics in Medicine</i> , 2007, 26, 975-990.	0.8	5
77	Longitudinal COVID-19 Surveillance and Characterization in the Workplace with Public Health and Diagnostic Endpoints. <i>MSphere</i> , 2021, 6, e0054221.	1.3	5
78	Uncertainty quantification of years of potential life lost—based estimates from mortality data summarized as death counts within age intervals. <i>Annals of Epidemiology</i> , 2021, 55, 1-3.	0.9	4
79	Fusing a Bayesian Case Velocity Model with Random Forest for Predicting COVID-19 in the U.S.. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
80	Highly synergistic drug combination prevents vaginal HIV infection in humanized mice. <i>Scientific Reports</i> , 2020, 10, 12995.	1.6	3
81	Random Forests and Fuzzy Forests in Biomedical Research. , 2016, , 168-196.		2
82	Who Voted in 2016? Using Fuzzy Forests to Understand Voter Turnout. <i>Social Science Quarterly</i> , 2020, 101, 978-988.	0.9	2
83	The combination of the NS5A and cyclophilin inhibitors results in an additive anti-HCV inhibition in humanized mice without development of resistance. <i>PLoS ONE</i> , 2021, 16, e0251934.	1.1	2
84	Concentrative Nucleoside Transporter 3 Is Located on Microvilli of Vaginal Epithelial Cells. <i>ACS Omega</i> , 2020, 5, 20882-20889.	1.6	2
85	Misperceptions of COVID-19 illness risk and preferences for business and school closures in the United States. <i>Preventive Medicine Reports</i> , 2022, 27, 101780.	0.8	2
86	Increased Frequency of Colon Polyps Leading to Colon Cancer Among Women. <i>Archives of Medical Research</i> , 2003, 34, 152-153.	1.5	1
87	Fetal Allostimulation of Maternal Cells: A Potential Mechanism for Perinatal HIV Transmission following Obstetrical Hemorrhage. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 1545-1554.	0.5	1
88	Association of COVID-19 Risk Misperceptions With Household Isolation in the United States: Survey Study. <i>JMIR Formative Research</i> , 2021, 5, e30164.	0.7	1
89	Male-Female Disparities in Years of Potential Life Lost Attributable to COVID-19 in the United States: A State-by-State Analysis. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7403.	1.3	1
90	Short Communication: Enhanced CD8 <sup>+</sup> T Cell Apoptosis in HIV-Infected Adolescents with Virologic Failure on Protease Inhibitor-Based Therapy. <i>AIDS Research and Human Retroviruses</i> , 2010, 26, 681-684.	0.5	0

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91	In Vivo Validation of a Bioinformatics Based Tool to Identify Reduced Replication Capacity in HIV-1. Open Medical Informatics Journal, 2010, 4, 225-232.	1.0	0
92	Ubiquitous Micro-Modular Homologies among Genomes from Viruses to Bacteria to Human Mitochondrial DNA: Platforms for Recombination during Evolution?. Viruses, 2022, 14, 885.	1.5	0