Christina M Ramirez

List of Publications by Year
in descending order

92 papers	5,050 citations	109321 35 h-index
97 all docs	97 docs citations	97 times ranked

95266 68 g-index
7756 citing authors

#	Article	IF	Citations
1	Misperceptions of COVID-19 illness risk and preferences for business and school closures in the United States. Preventive Medicine Reports, 2022, 27, 101780.	1.8	2
2	The politics of vaccine hesitancy in the United States. Social Science Quarterly, 2022, 103, 42-54.	1.6	18
3	Ubiquitous Micro-Modular Homologies among Genomes from Viruses to Bacteria to Human Mitochondrial DNA: Platforms for Recombination during Evolution?. Viruses, 2022, 14, 885.	3.3	0
4	Uncertainty quantification of years of potential life lost–based estimates from mortality data summarized as death counts within age intervals. Annals of Epidemiology, 2021, 55, 1-3.	1.9	4
5	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. International Journal of Environmental Research and Public Health, 2021, 18, 2921.	2.6	28
6	Pandemic velocity: Forecasting COVID-19 in the US with a machine learning & Bayesian time series compartmental model. PLoS Computational Biology, 2021, 17, e1008837.	3.2	39
7	The combination of the NS5A and cyclophilin inhibitors results in an additive anti-HCV inhibition in humanized mice without development of resistance. PLoS ONE, 2021, 16, e0251934.	2.5	2
8	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. EMBO Molecular Medicine, 2021, 13, e14062.	6.9	28
9	Association of COVID-19 Risk Misperceptions With Household Isolation in the United States: Survey Study. JMIR Formative Research, 2021, 5, e30164.	1.4	1
10	Longitudinal COVID-19 Surveillance and Characterization in the Workplace with Public Health and Diagnostic Endpoints. MSphere, 2021, 6, e0054221.	2.9	5
11	Male-Female Disparities in Years of Potential Life Lost Attributable to COVID-19 in the United States: A State-by-State Analysis. Applied Sciences (Switzerland), 2021, 11, 7403.	2.5	1
12	Development of a blocker of the universal phosphatidylserine- and phosphatidylethanolamine-dependent viral entry pathways. Virology, 2021, 560, 17-33.	2.4	9
13	An evidence review of face masks against COVID-19. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	850
14	Increased Rate of Epigenetic Aging in Men Living With HIV Prior to Treatment. Frontiers in Genetics, 2021, 12, 796547.	2.3	9
15	Signal hotspot mutations in SARS-CoV-2 genomes evolve as the virus spreads and actively replicates in different parts of the world. Virus Research, 2020, 289, 198170.	2.2	37
16	Pseudo-likelihood based logistic regression for estimating COVID-19 infection and case fatality rates by gender, race, and age in California. Epidemics, 2020, 33, 100418.	3.0	12
17	Highly synergistic drug combination prevents vaginal HIV infection in humanized mice. Scientific Reports, 2020, 10, 12995.	3.3	3
18	Who Voted in 2016? Using Fuzzy Forests to Understand Voter Turnout. Social Science Quarterly, 2020, 101, 978-988.	1.6	2

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19	Concentrative Nucleoside Transporter 3 Is Located on Microvilli of Vaginal Epithelial Cells. ACS Omega, 2020, 5, 20882-20889.	3.5	2
20	The Effects of Anti-retroviral Therapy on Epigenetic Age Acceleration Observed in HIV-1-infected Adults. Pathogens and Immunity, 2020, 5, 291.	3.1	22
21	Using Machine Learning to Uncover Hidden Heterogeneities in Survey Data. Scientific Reports, 2019, 9, 16061.	3.3	10
22	Fuzzy Forests: Extending Random Forest Feature Selection for Correlated, High-Dimensional Data. Journal of Statistical Software, 2019, 91, .	3.7	12
23	Protein S and Gas6 induce efferocytosis of HIV-1-infected cells. Virology, 2018, 515, 176-190.	2.4	14
24	Ebola Virus Neutralizing Antibodies Detectable in Survivors of theYambuku, Zaire Outbreak 40 Years after Infection. Journal of Infectious Diseases, 2018, 217, 223-231.	4.0	52
25	Characterization of designed, synthetically accessible bryostatin analog HIV latency reversing agents. Virology, 2018, 520, 83-93.	2.4	33
26	Distinct aging profiles of CD8+ T cells in blood versus gastrointestinal mucosal compartments. PLoS ONE, 2017, 12, e0182498.	2.5	41
27	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.	4.7	73
28	Supranormal thymic output up to 2 decades after HIV-1 infection. Aids, 2016, 30, 701-711.	2.2	15
29	Medial HOXA genes demarcate haematopoietic stem cell fate during human development. Nature Cell Biology, 2016, 18, 595-606.	10.3	81
30	Random Forests and Fuzzy Forests in Biomedical Research. , 2016, , 168-196.		2
31	Immunologic profiles distinguish aviremic HIV-infected adults. Aids, 2016, 30, 1553-1562.	2.2	22
32	HIV infection and risk factors among the armed forces personnel stationed in Kinshasa, Democratic Republic of Congo. International Journal of STD and AIDS, 2015, 26, 187-195.	1.1	9
33	Evidence for henipavirus spillover into human populations in Africa. Nature Communications, 2014, 5, 5342.	12.8	143
34	Stable DNA Methylation Boundaries and Expanded Trinucleotide Repeats: Role of DNA Insertions. Journal of Molecular Biology, 2014, 426, 2554-2566.	4.2	21
35	Epigenetic analysis of HIV-1 proviral genomes from infected individuals: Predominance of unmethylated CpG's. Virology, 2014, 449, 181-189.	2.4	32
36	Prostaglandin E2 Promotes Features of Replicative Senescence in Chronically Activated Human CD8+ T Cells. PLoS ONE, 2014, 9, e99432.	2.5	42

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37	Molecular Epidemiology of HIV Type 1 Subtypes in Rwanda. AIDS Research and Human Retroviruses, 2013, 29, 957-962.	1.1	6
38	Accelerated Aging in HIV/AIDS: Novel Biomarkers of Senescent Human CD8+ T Cells. PLoS ONE, 2013, 8, e64702.	2.5	62
39	Levels of Murine, but Not Human, CXCL13 Are Greatly Elevated in NOD-SCID Mice Bearing the AIDS-Associated Burkitt Lymphoma Cell Line, 2F7. PLoS ONE, 2013, 8, e72414.	2.5	11
40	Magnesium Decreases Inflammatory Cytokine Production: A Novel Innate Immunomodulatory Mechanism. Journal of Immunology, 2012, 188, 6338-6346.	0.8	276
41	Recombination Between Variants from Genital Tract and Plasma: Evolution of Multidrug-Resistant HIV Type 1. AIDS Research and Human Retroviruses, 2012, 28, 1766-1774.	1.1	10
42	Baseline Immune Phenotypes and CD4+ T Lymphocyte Responses to Antiretroviral Therapy in Younger versus Older HIV-infected Individuals. Journal of Clinical Immunology, 2011, 31, 873-881.	3.8	6
43	Single Mutations in HIV Integrase Confer High-Level Resistance to Raltegravir in Primary Human Macrophages. Antimicrobial Agents and Chemotherapy, 2011, 55, 3696-3702.	3.2	23
44	Immune Activation, Cd4+ T Cell Counts, and Viremia Exhibit Oscillatory Patterns over Time in Patients with Highly Resistant HIV Infection. PLoS ONE, 2011, 6, e21190.	2.5	12
45	Evaluation of Quantitative EEG by Classification and Regression Trees to Characterize Responders to Antidepressant and Placebo Treatment. Open Medical Informatics Journal, 2011, 5, 1-8.	1.0	19
46	Bone density and hyperlipidemia: The T-lymphocyte connection. Journal of Bone and Mineral Research, 2010, 25, 2460-2469.	2.8	47
47	Short Communication: Enhanced CD8+ T Cell Apoptosis in HIV-Infected Adolescents with Virologic Failure on Protease Inhibitor-Based Therapy. AIDS Research and Human Retroviruses, 2010, 26, 681-684.	1.1	0
48	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
49	Incomplete Peripheral CD4+Cell Count Restoration in HIV‐Infected Patients Receiving Long‐Term Antiretroviral Treatment. Clinical Infectious Diseases, 2009, 48, 787-794.	5.8	329
50	Oxidized lipids enhance RANKL production by T lymphocytes: Implications for lipid-induced bone loss. Clinical Immunology, 2009, 133, 265-275.	3.2	72
51	Study of thymic size and function in children and adolescents with treatment refractory systemic sclerosis eligible for immunoablative therapy. Clinical Immunology, 2009, 133, 295-302.	3.2	10
52	Two-way Bayesian hierarchical phylogenetic models: An application to the co-evolution of gp120 and gp41 during and after enfuvirtide treatment. Computational Statistics and Data Analysis, 2009, 53, 766-775.	1.2	6
53	Predicting adherence to treatment for methamphetamine dependence from neuropsychological and drug use variables. Drug and Alcohol Dependence, 2009, 105, 48-55.	3.2	41
54	Nonparametric vs Parametric Tests of Location in Biomedical Research. American Journal of Ophthalmology, 2009, 147, 571-572.	3.3	110

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55	Clarifying CB2 receptor-dependent and independent effects of THC on human lung epithelial cells. Toxicology and Applied Pharmacology, 2008, 231, 282-290.	2.8	12
56	HIV-1 coreceptor usage and CXCR4-specific viral load predict clinical disease progression during combination antiretroviral therapy. Aids, 2008, 22, 469-479.	2.2	59
57	Telomerase-Based Pharmacologic Enhancement of Antiviral Function of Human CD8+ T Lymphocytes. Journal of Immunology, 2008, 181, 7400-7406.	0.8	156
58	Primary Human Immunodeficiency Virus Type 1 (HIV-1) Infection during HIV-1 Gag Vaccination. Journal of Virology, 2008, 82, 2784-2791.	3.4	7
59	Racial, gender and geographic disparities of antiretroviral treatment among US Medicaid enrolees in 1998. Journal of Epidemiology and Community Health, 2008, 62, 798-803.	3.7	29
60	Fetal Allostimulation of Maternal Cells: A Potential Mechanism for Perinatal HIV Transmission following Obstetrical Hemorrhage. AIDS Research and Human Retroviruses, 2008, 24, 1545-1554.	1.1	1
61	Enfuvirtide antiretroviral therapy in HIV-1 infection. Therapeutics and Clinical Risk Management, 2008, Volume 4, 433-439.	2.0	20
62	Interleukin-15 but Not Interleukin-7 Abrogates Vaccine-Induced Decrease in Virus Level in Simian Immunodeficiency Virusmac251-Infected Macaques. Journal of Immunology, 2007, 178, 3492-3504.	0.8	47
63	HIV-1 viral fitness estimation using exchangeable on subsets priors and prior model selection. Statistics in Medicine, 2007, 26, 975-990.	1.6	5
64	Mood switch in bipolar depression: comparison of adjunctive venlafaxine, bupropion and sertraline. British Journal of Psychiatry, 2006, 189, 124-131.	2.8	310
65	Thymic volume, T-cell populations, and parameters of thymopoiesis in adolescent and adult survivors of HIV infection acquired in infancy. Aids, 2006, 20, 667-674.	2.2	32
66	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.	7.2	140
67	CD4 Expression on Activated NK Cells: Ligation of CD4 Induces Cytokine Expression and Cell Migration. Journal of Immunology, 2006, 177, 3669-3676.	0.8	51
68	Continued Evolution in gp41 after Interruption of Enfuvirtide in Subjects with Advanced HIV Type 1 Disease. AIDS Research and Human Retroviruses, 2006, 22, 1260-1266.	1.1	15
69	Induction of Humoral Immune Responses following Vaccination with Envelope-Containing, Formaldehyde-Treated, Thermally Inactivated Human Immunodeficiency Virus Type 1. Journal of Virology, 2005, 79, 4927-4935.	3.4	34
70	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.	3.4	89
71	Genetic and Stochastic Influences on the Interaction of Human Immunodeficiency Virus Type 1 and Cytotoxic T Lymphocytes in Identical Twins. Journal of Virology, 2005, 79, 15368-15375.	3.4	37
72	The CD4 molecule on CD8+ T lymphocytes directly enhances the immune response to viral and cellular antigens. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3794-3799.	7.1	44

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73	Increased Susceptibility of Vault Poly(ADP-Ribose) Polymerase–Deficient Mice to Carcinogen-Induced Tumorigenesis. Cancer Research, 2005, 65, 8846-8852.	0.9	47
74	Is unawareness of psychotic disorder a neurocognitive or psychological defensiveness problem?. Schizophrenia Research, 2005, 75, 147-157.	2.0	46
75	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.	2.3	83
76	Evolution of Human Immunodeficiency Virus Type 1 Coreceptor Usage during Antiretroviral Therapy: a Bayesian Approach. Journal of Virology, 2004, 78, 11296-11302.	3.4	25
77	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.	7.1	81
78	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. Journal of Virology, 2004, 78, 11385-11392.	3.4	17
79	Long–Term Survivors in Nairobi: Complete HIV–1 RNA Sequences and Immunogenetic Associations. Journal of Infectious Diseases, 2004, 190, 697-701.	4.0	28
80	Increased Frequency of Colon Polyps Leading to Colon Cancer Among Women. Archives of Medical Research, 2003, 34, 152-153.	3.3	1
81	Molecular Characterization, Reactivation, and Depletion of Latent HIV. Immunity, 2003, 19, 413-423.	14.3	184
82	Hierarchical Phylogenetic Models for Analyzing Multipartite Sequence Data. Systematic Biology, 2003, 52, 649-664.	5.6	141
83	Assessment of Thymic Activity in Human Immunodeficiency Virus-Negative and -Positive Adolescents by Real-Time PCR Quantitation of T-Cell Receptor Rearrangement Excision Circles. Vaccine Journal, 2003, 10, 323-328.	3.1	18
84	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.	7.1	109
85	HIV Type 1 Infection Alters Cytokine mRNA Expression in Thymus. AIDS Research and Human Retroviruses, 2003, 19, 1-12.	1.1	14
86	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.	7.1	97
87	Activation of CD8 T cells induces expression of CD4, which functions as a chemotactic receptor. Blood, 2002, 99, 207-212.	1.4	56
88	Medical Burden, Cerebrovascular Disease, and Cognitive Impairment in Geriatric Depression: Modeling the Relationships With the CART Analysis. CNS Spectrums, 2002, 7, 716-722.	1.2	7
89	Generation of HIV latency during thymopoiesis. Nature Medicine, 2001, 7, 459-464.	30.7	165
90	Initial Virological and Immunologic Response to Highly Active Antiretroviral Therapy Predicts Long–Term Clinical Outcome. Clinical Infectious Diseases, 2001, 33, 466-472.	5.8	47

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91	Preferential suppression of CXCR4-specific strains of HIV-1 by antiviral therapy. Journal of Clinical Investigation, 2001, 107, 431-438.	8.2	71
92	Fusing a Bayesian Case Velocity Model with Random Forest for Predicting COVID-19 in the U.S.. SSRN Electronic Journal, 0, , .	0.4	4