

Rachel M Presti

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

6,186
citations

159585

30
h-index

168389

53
g-index

73
all docs

73
docs citations

73
times ranked

12200
citing authors

#	ARTICLE	IF	CITATIONS
1	Resistance of SARS-CoV-2 variants to neutralization by monoclonal and serum-derived polyclonal antibodies. <i>Nature Medicine</i> , 2021, 27, 717-726.	30.7	838
2	SARS-CoV-2 mRNA vaccines induce persistent human germinal centre responses. <i>Nature</i> , 2021, 596, 109-113.	27.8	586
3	SARS-CoV-2 infection induces long-lived bone marrow plasma cells in humans. <i>Nature</i> , 2021, 595, 421-425.	27.8	428
4	Acquisition of Murine NK Cell Cytotoxicity Requires the Translation of a Pre-existing Pool of Granzyme B and Perforin mRNAs. <i>Immunity</i> , 2007, 26, 798-811.	14.3	391
5	Gr1+ Inflammatory Monocytes Are Required for Mucosal Resistance to the Pathogen <i>Toxoplasma gondii</i> . <i>Immunity</i> , 2008, 29, 306-317.	14.3	377
6	Effect of Immunosuppression on the Immunogenicity of mRNA Vaccines to SARS-CoV-2. <i>Annals of Internal Medicine</i> , 2021, 174, 1572-1585.	3.9	273
7	Pathogenic Simian Immunodeficiency Virus Infection Is Associated with Expansion of the Enteric Virome. <i>Cell</i> , 2012, 151, 253-266.	28.9	252
8	Efficacy and Tolerability of 3 Nonnucleoside Reverse Transcriptase Inhibitor-Sparing Antiretroviral Regimens for Treatment-Naive Volunteers Infected With HIV-1. <i>Annals of Internal Medicine</i> , 2014, 161, 461.	3.9	225
9	Distinct inflammatory profiles distinguish COVID-19 from influenza with limited contributions from cytokine storm. <i>Science Advances</i> , 2020, 6, .	10.3	204
10	Interferon β Regulates Acute and Latent Murine Cytomegalovirus Infection and Chronic Disease of the Great Vessels. <i>Journal of Experimental Medicine</i> , 1998, 188, 577-588.	8.5	202
11	Germinal centre-driven maturation of B cell response to mRNA vaccination. <i>Nature</i> , 2022, 604, 141-145.	27.8	198
12	Human germinal centres engage memory and naive B cells after influenza vaccination. <i>Nature</i> , 2020, 586, 127-132.	27.8	194
13	SARS-CoV-2 mRNA vaccination elicits a robust and persistent T follicular helper cell response in humans. <i>Cell</i> , 2022, 185, 603-613.e15.	28.9	176
14	Increased complement activation is a distinctive feature of severe SARS-CoV-2 infection. <i>Science Immunology</i> , 2021, 6, .	11.9	153
15	Three Distinct Regions of the Murine Gammaherpesvirus 68 Genome Are Transcriptionally Active in Latently Infected Mice. <i>Journal of Virology</i> , 1999, 73, 2321-2332.	3.4	135
16	Latent Murine Cytomegalovirus Infection in Macrophages. <i>Virology</i> , 1997, 227, 168-179.	2.4	107
17	Phospholipase C- β 2 Is a Critical Signaling Mediator for Murine NK Cell Activating Receptors. <i>Journal of Immunology</i> , 2005, 175, 749-754.	0.8	107
18	A Randomized, Placebo-Controlled Trial of the Quadrivalent Human Papillomavirus Vaccine in Human Immunodeficiency Virus-Infected Adults Aged 27 Years or Older: AIDS Clinical Trials Group Protocol A5298. <i>Clinical Infectious Diseases</i> , 2018, 67, 1339-1346.	5.8	102

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19	Fixed-dose combination dolutegravir, abacavir, and lamivudine versus ritonavir-boosted atazanavir plus tenofovir disoproxil fumarate and emtricitabine in previously untreated women with HIV-1 infection (ARIA): week 48 results from a randomised, open-label, non-inferiority, phase 3b study. <i>Lancet HIV</i> , 2017, 4, e536-e546.	4.7	101
20	CARD8 is an inflammasome sensor for HIV-1 protease activity. <i>Science</i> , 2021, 371, .	12.6	80
21	Quaranfil, Johnston Atoll, and Lake Chad Viruses Are Novel Members of the Family <i>Orthomyxoviridae</i> . <i>Journal of Virology</i> , 2009, 83, 11599-11606.	3.4	76
22	Novel Cell Type-Specific Antiviral Mechanism of Interferon β Action in Macrophages. <i>Journal of Experimental Medicine</i> , 2001, 193, 483-496.	8.5	72
23	Microbiome alterations in HIV infection a review. <i>Cellular Microbiology</i> , 2016, 18, 645-651.	2.1	72
24	NK cell-activating receptors require PKC- ζ for sustained signaling, transcriptional activation, and IFN- β secretion. <i>Blood</i> , 2008, 112, 4109-4116.	1.4	57
25	A vaccine-induced public antibody protects against SARS-CoV-2 and emerging variants. <i>Immunity</i> , 2021, 54, 2159-2166.e6.	14.3	52
26	Loss of DNAM-1 contributes to CD8 ⁺ T cell exhaustion in chronic HIV-1 infection. <i>European Journal of Immunology</i> , 2010, 40, 949-954.	2.9	45
27	Alterations in the oral microbiome in HIV-infected participants after antiretroviral therapy administration are influenced by immune status. <i>Aids</i> , 2018, 32, 1279-1287.	2.2	45
28	FcRL6, a new ITIM-bearing receptor on cytolytic cells, is broadly expressed by lymphocytes following HIV-1 infection. <i>Blood</i> , 2007, 109, 3786-3793.	1.4	38
29	Detection of Novel Sequences Related to African Swine Fever Virus in Human Serum and Sewage. <i>Journal of Virology</i> , 2009, 83, 13019-13025.	3.4	36
30	Intrinsic Reduced Susceptibility of Serotype 6 <i>Streptococcus pyogenes</i> to Fluoroquinolone Antibiotics. <i>Journal of Infectious Diseases</i> , 2005, 191, 1272-1279.	4.0	35
31	Reduced antibody activity against SARS-CoV-2 B.1.617.2 delta virus in serum of mRNA-vaccinated individuals receiving tumor necrosis factor- α inhibitors. <i>Med</i> , 2021, 2, 1327-1341.e4.	4.4	31
32	Understanding mechanisms to promote successful aging in persons living with HIV. <i>International Journal of Infectious Diseases</i> , 2018, 66, 56-64.	3.3	30
33	Mechanisms Underlying HIV-Associated Noninfectious Lung Disease. <i>Chest</i> , 2017, 152, 1053-1060.	0.8	24
34	Cellular and plasma proteomic determinants of COVID-19 and non-COVID-19 pulmonary diseases relative to healthy aging. <i>Nature Aging</i> , 2021, 1, 535-549.	11.6	22
35	Challenges to HIV management among youth engaged in HIV care. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2017, 29, 189-196.	1.2	16
36	Asthma in patients with suspected and diagnosed coronavirus disease 2019. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 535-541.e2.	1.0	16

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37	Diabetes Mellitus is Associated With Higher Risk of Developing Decompensated Cirrhosis in Chronic Hepatitis C Patients. <i>Journal of Clinical Gastroenterology</i> , 2017, 51, 70-76.	2.2	14
38	SARS-CoV-2 Viral RNA Shedding for More Than 87 Days in an Individual With an Impaired CD8+ T Cell Response. <i>Frontiers in Immunology</i> , 2020, 11, 618402.	4.8	14
39	Harnessing the Potential of Multiomics Studies for Precision Medicine in Infectious Disease. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab483.	0.9	13
40	mRNA vaccine boosting enhances antibody responses against SARS-CoV-2 Omicron variant in individuals with antibody deficiency syndromes. <i>Cell Reports Medicine</i> , 2022, 3, 100653.	6.5	10
41	Evaluation of HIV-1 Latency Reversal and Antibody-Dependent Viral Clearance by Quantification of Singly Spliced HIV-1 <i>vpu</i> / <i>env</i> mRNA. <i>Journal of Virology</i> , 2021, 95, .	3.4	9
42	Significant Interference in Mass Cytometry from Medicinal Iodine in Human Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 150-151.	2.9	7
43	Assessment of serological assays for identifying high titer convalescent plasma. <i>Transfusion</i> , 2021, 61, 2658-2667.	1.6	7
44	A Randomized, Placebo-Controlled Trial Assessing the Effect of VISBIOME ES Probiotic in People With HIV on Antiretroviral Therapy. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab550.	0.9	7
45	Cr1+ Inflammatory Monocytes Are Required for Mucosal Resistance to the Pathogen <i>Toxoplasma gondii</i> . <i>Immunity</i> , 2008, 29, 660.	14.3	6
46	Reply to Ganesan et al. <i>Journal of Infectious Diseases</i> , 2012, 205, 518-519.	4.0	5
47	Testing the Feasibility of Using Ecological Momentary Assessment to Collect Real-Time Behavior and Mood to Predict Technology-Measured HIV Medication Adherence. <i>AIDS and Behavior</i> , 2019, 23, 2176-2184.	2.7	5
48	Long-Term Mortality after <i>Histoplasma</i> Infection in People with HIV. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1010.	3.5	5
49	The impact of neighborhood socioeconomic status on retention in care and viral suppression among people living with HIV. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2022, 34, 1383-1389.	1.2	3
50	SARS-CoV-2 mRNA Vaccination Causes Prolonged Increased Cortical Thickening and Vascularity in Ipsilateral Axillary Lymph Nodes. <i>Journal of Ultrasound in Medicine</i> , 2022, .	1.7	2
51	Viral suppression among young adults in a US outpatient clinic. <i>BMC Infectious Diseases</i> , 2014, 14, .	2.9	1
52	Maternal post-absorptive leucine kinetics during late pregnancy in US women with HIV taking antiretroviral therapy: A cross-sectional pilot study. <i>Clinical Nutrition ESPEN</i> , 2015, 10, e140-e146.	1.2	1
53	The Immunopathogenesis of HIV-1 Infection. , 2017, , 837-845.e3.		1
54	Statin Utilization Among Human-Immunodeficiency Virus (HIV)-Infected Individuals Based on the 2013 American College of Cardiology and American Heart Association (ACC/AHA) Blood Cholesterol Guideline. <i>Open Forum Infectious Diseases</i> , 2017, 4, S214-S215.	0.9	1

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55	Lower CD4 Cell Count Is Independently Associated With Unsuccessful Physical Aging Among HIV-Infected Persons. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.9	0
56	Aging Attenuates the Association Between Coronary Artery Calcification and Bone Loss Among HIV-Infected Persons. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
57	The Care Cascade of Hepatitis C Management With Direct-Acting Antivirals in HIV-Infected Individuals. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
58	Tenofovir disoproxil fumarate as pre-exposure prophylaxis for HIV prevention in women with osteoporosis: a case report and review of the literature. <i>Antiviral Therapy</i> , 2017, 23, 379-382.	1.0	0
59	Stroke Outcomes Among HIV-infected Patients in a Large, Urban, Tertiary Hospital in the USA, 1999-2016. <i>Open Forum Infectious Diseases</i> , 2017, 4, S206-S207.	0.9	0
60	Smoking and Opportunistic Infections Contribute to High Rates of Respiratory Symptoms Among HIV-Infected Smokers. <i>Open Forum Infectious Diseases</i> , 2017, 4, S587-S588.	0.9	0
61	2253. Comparison of Cardiovascular Risk in Patients Infected With HIV and Hepatitis C. <i>Open Forum Infectious Diseases</i> , 2018, 5, S666-S667.	0.9	0
62	397. Long-Term Mortality of HIV Patients Following Cryptococcal Infection. <i>Open Forum Infectious Diseases</i> , 2018, 5, S153-S153.	0.9	0
63	Brief Report: Aging Attenuates the Association Between Coronary Artery Calcification and Bone Loss Among HIV-Infected Persons. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 46-50.	2.1	0