

Lyle R Mckinnon

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

4,159
citations

126907

33
h-index

128289

60
g-index

108
all docs

108
docs citations

108
times ranked

4954
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Cells Promote Productive HIV Infection of Resting CD4 ⁺ T Cells by an Integrin-Mediated Cell Adhesion-Dependent Mechanism. <i>AIDS Research and Human Retroviruses</i> , 2022, 38, 111-126.	1.1	4
2	Socioeconomic Burdens of the COVID-19 Pandemic on LMIC Populations with Increased HIV Vulnerabilities. <i>Current HIV/AIDS Reports</i> , 2022, 19, 76-85.	3.1	10
3	HPV and the Risk of HIV Acquisition in Women. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 814948.	3.9	11
4	Genital immune cell activation and tenofovir gel efficacy: a case-control study. <i>Clinical Infectious Diseases</i> , 2022, , .	5.8	2
5	Quantifying rates of HIV-1 flow between risk groups and geographic locations in Kenya: A country-wide phylogenetic study. <i>Virus Evolution</i> , 2022, 8, veac016.	4.9	6
6	Pre-infection plasma cytokines and chemokines as predictors of HIV disease progression. <i>Scientific Reports</i> , 2022, 12, 2437.	3.3	6
7	Phylogeographic Assessment Reveals Geographic Sources of HIV-1 Dissemination Among Men Who Have Sex With Men in Kenya. <i>Frontiers in Microbiology</i> , 2022, 13, 843330.	3.5	2
8	Expansion of cytotoxic tissue-resident CD8 ⁺ T cells and CCR6 ⁺ CD161 ⁺ CD4 ⁺ T cells in the nasal mucosa following mRNA COVID-19 vaccination. <i>Nature Communications</i> , 2022, 13, .	12.8	51
9	Sexual health among Kenyan male sex workers in a time of COVID-19. <i>Health Education Journal</i> , 2021, 80, 119-127.	1.2	13
10	SIV susceptibility, immunology and microbiome in the female genital tract of adolescent versus adult pigtail macaques. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 510-522.	1.1	2
11	Rectal microbiota diversity in Kenyan MSM is inversely associated with frequency of receptive anal sex, independent of HIV status. <i>Aids</i> , 2021, 35, 1091-1101.	2.2	5
12	Declines in HIV prevalence in female sex workers accessing an HIV treatment and prevention programme in Nairobi, Kenya over a 10-year period. <i>Aids</i> , 2021, 35, 317-324.	2.2	15
13	Impact of point-of-care testing and treatment of sexually transmitted infections and bacterial vaginosis on genital tract inflammatory cytokines in a cohort of young South African women. <i>Sexually Transmitted Infections</i> , 2021, 97, 555-565.	1.9	8
14	Plasma Biomarkers of Risk of Tuberculosis Recurrence in HIV Co-Infected Patients From South Africa. <i>Frontiers in Immunology</i> , 2021, 12, 631094.	4.8	7
15	Genital and systemic immune effects of the injectable, contraceptive norethisterone enanthate (NET-EN), in South African women. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13411.	1.2	1
16	A Systematic Review of Randomized Controlled Trials of School Based Interventions on Sexual Risk Behaviors and Sexually Transmitted Infections Among Young Adolescents in Sub-Saharan Africa. <i>AIDS and Behavior</i> , 2021, 25, 3669-3686.	2.7	13
17	An updated review on the effects of depot medroxyprogesterone acetate on the mucosal biology of the female genital tract. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13455.	1.2	6
18	Endocervical Regulatory T Cells Are Associated With Decreased Genital Inflammation and Lower HIV Target Cell Abundance. <i>Frontiers in Immunology</i> , 2021, 12, 726472.	4.8	9

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19	Higher mucosal antibody concentrations in women with genital tract inflammation. <i>Scientific Reports</i> , 2021, 11, 23514.	3.3	3
20	Plasma concentration of injectable contraceptive correlates with reduced cervicovaginal growth factor expression in South African women. <i>Mucosal Immunology</i> , 2020, 13, 449-459.	6.0	15
21	Transitions: Novel Study Methods to Understand Early HIV Risk Among Adolescent Girls and Young Women in Mombasa, Kenya, and Dnipro, Ukraine. <i>Frontiers in Reproductive Health</i> , 2020, 2, .	1.9	7
22	Population prevalence of sexually transmitted infections in a high HIV burden district in KwaZulu-Natal, South Africa: Implications for HIV epidemic control. <i>International Journal of Infectious Diseases</i> , 2020, 98, 130-137.	3.3	34
23	Sex Work Is Associated With Increased Vaginal Microbiome Diversity in Young Women From Mombasa, Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 85, 79-87.	2.1	10
24	Racial differences in β 27 expression on CD4+ T cells of HIV-negative men and women who inject drugs. <i>PLoS ONE</i> , 2020, 15, e0238234.	2.5	3
25	The effects of COVID-19 on the health and socio-economic security of sex workers in Nairobi, Kenya: Emerging intersections with HIV. <i>Global Public Health</i> , 2020, 15, 1073-1082.	2.0	66
26	Characterization of occult hepatitis B in high-risk populations in Kenya. <i>PLoS ONE</i> , 2020, 15, e0233727.	2.5	17
27	Beyond biomedical and comorbidity approaches: Exploring associations between affinity group membership, health and health seeking behaviour among MSM/MSW in Nairobi, Kenya. <i>Global Public Health</i> , 2020, 15, 968-984.	2.0	9
28	Preferential Infection of β 27+ Memory CD4+ T Cells During Early Acute Human Immunodeficiency Virus Type 1 Infection. <i>Clinical Infectious Diseases</i> , 2020, 71, e735-e743.	5.8	14
29	Vaginal microbiome-hormonal contraceptive interactions associate with the mucosal proteome and HIV acquisition. <i>PLoS Pathogens</i> , 2020, 16, e1009097.	4.7	18
30	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0
31	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0
32	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0
33	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0
34	Diminished HIV Infection of Target CD4+ T Cells in a Toll-Like Receptor 4 Stimulated in vitro Model. <i>Frontiers in Immunology</i> , 2019, 10, 1705.	4.8	10
35	Mechanisms of sexually transmitted infection-induced inflammation in women: implications for HIV risk. <i>Journal of the International AIDS Society</i> , 2019, 22, e25346.	3.0	45
36	A mucosal barrier for topical HIV PrEP?. <i>Lancet HIV</i> , 2019, 6, e484-e485.	4.7	0

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37	Detection of Tuberculosis Recurrence, Diagnosis and Treatment Response by a Blood Transcriptomic Risk Signature in HIV-Infected Persons on Antiretroviral Therapy. <i>Frontiers in Microbiology</i> , 2019, 10, 1441.	3.5	46
38	The genital tract and rectal microbiomes: their role in HIV susceptibility and prevention in women. <i>Journal of the International AIDS Society</i> , 2019, 22, e25300.	3.0	43
39	HPV infection and the genital cytokine milieu in women at high risk of HIV acquisition. <i>Nature Communications</i> , 2019, 10, 5227.	12.8	40
40	The Evolving Facets of Bacterial Vaginosis: Implications for HIV Transmission. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 219-228.	1.1	188
41	Genital inflammation undermines the effectiveness of tenofovir gel in preventing HIV acquisition in women. <i>Nature Medicine</i> , 2018, 24, 491-496.	30.7	123
42	Integrin $\alpha 4 \beta 7$ expression on peripheral blood CD4 ⁺ T cells predicts HIV acquisition and disease progression outcomes. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	85
43	<i>Mycobacterium tuberculosis</i> strains induce strain-specific cytokine and chemokine response in pulmonary epithelial cells. <i>Cytokine</i> , 2018, 104, 53-64.	3.2	21
44	Live Attenuated Zoster Vaccine Boosts Varicella Zoster Virus (VZV)–Specific Humoral Responses Systemically and at the Cervicovaginal Mucosa of Kenyan VZV-Seropositive Women. <i>Journal of Infectious Diseases</i> , 2018, 218, 1210-1218.	4.0	3
45	Ex vivo HIV entry into blood CD4 ⁺ T cells does not predict heterosexual HIV acquisition in women. <i>PLoS ONE</i> , 2018, 13, e0200359.	2.5	5
46	PrEP for key populations in combination HIV prevention in Nairobi: a mathematical modelling study. <i>Lancet HIV</i> , 2017, 4, e214-e222.	4.7	37
47	Interleukin 1-Beta (IL-1 β) Production by Innate Cells Following TLR Stimulation Correlates With TB Recurrence in ART-Treated HIV-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 74, 213-220.	2.1	16
48	Vaginal bacteria modify HIV tenofovir microbicide efficacy in African women. <i>Science</i> , 2017, 356, 938-945.	12.6	348
49	Genital–Systemic Chemokine Gradients and the Risk of HIV Acquisition in Women. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 74, 318-325.	2.1	64
50	Plasma Cytokine Predictors of Tuberculosis Recurrence in Antiretroviral-Treated Human Immunodeficiency Virus-infected Individuals from Durban, South Africa. <i>Clinical Infectious Diseases</i> , 2017, 65, 819-826.	5.8	23
51	Mucosal HIV Shedding During ART. <i>Journal of Infectious Diseases</i> , 2017, 216, 1484-1486.	4.0	3
52	Microbiome Composition and Function Drives Wound-Healing Impairment in the Female Genital Tract. <i>PLoS Pathogens</i> , 2016, 12, e1005889.	4.7	109
53	Microbial translocation and microbiome dysbiosis in HIV-associated immune activation. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 182-190.	3.8	191
54	Descriptive Epidemiology of Factors Associated with HIV Infections Among Men and Transgender Women Who Have Sex with Men in South India. <i>LGBT Health</i> , 2016, 3, 292-299.	3.4	9

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55	Factors Driving the HIV Epidemic in Southern Africa. <i>Current HIV/AIDS Reports</i> , 2016, 13, 158-169.	3.1	38
56	Sustained virologic control in SIV ⁺ macaques after antiretroviral and $\hat{\pm}$ ₄ \hat{I}^2 ₇ antibody therapy. <i>Science</i> , 2016, 354, 197-202.	12.6	194
57	Increased levels of inflammatory cytokines in the female reproductive tract are associated with altered expression of proteases, mucosal barrier proteins, and an influx of HIV-susceptible target cells. <i>Mucosal Immunology</i> , 2016, 9, 194-205.	6.0	205
58	Repeat Use of Post-exposure Prophylaxis for HIV Among Nairobi-Based Female Sex Workers Following Sexual Exposure. <i>AIDS and Behavior</i> , 2016, 20, 1549-1555.	2.7	6
59	Strengthening HIV surveillance in the antiretroviral therapy era: rationale and design of a longitudinal study to monitor HIV prevalence and incidence in the uMgungundlovu District, KwaZulu-Natal, South Africa. <i>BMC Public Health</i> , 2015, 15, 1149.	2.9	33
60	Relationship between female genital tract infections, mucosal interleukin $\hat{\pm}$ 17 production and local T helper type 17 cells. <i>Immunology</i> , 2015, 146, 557-567.	4.4	45
61	Non-Cationic Proteins Are Associated with HIV Neutralizing Activity in Genital Secretions of Female Sex Workers. <i>PLoS ONE</i> , 2015, 10, e0130404.	2.5	7
62	Mx2 expression is associated with reduced susceptibility to HIV infection in highly exposed HIV seronegative Kenyan sex workers. <i>Aids</i> , 2015, 29, 35-41.	2.2	12
63	Inflammation and HIV Transmission in Sub-Saharan Africa. <i>Current HIV/AIDS Reports</i> , 2015, 12, 216-222.	3.1	50
64	Risk Factors for HIV Acquisition in a Prospective Nairobi-Based Female Sex Worker Cohort. <i>AIDS and Behavior</i> , 2015, 19, 2204-2213.	2.7	40
65	Lower concentrations of chemotactic cytokines and soluble innate factors in the lower female genital tract associated with the use of injectable hormonal contraceptive. <i>Journal of Reproductive Immunology</i> , 2015, 110, 14-21.	1.9	38
66	Early HIV-1 Infection Is Associated With Reduced Frequencies of Cervical Th17 Cells. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 68, 6-12.	2.1	47
67	The role of dendritic cells in driving genital tract inflammation and HIV transmission risk: Are there opportunities to intervene?. <i>Innate Immunity</i> , 2015, 21, 99-112.	2.4	6
68	Optimizing Viable Leukocyte Sampling from the Female Genital Tract for Clinical Trials: An International Multi-Site Study. <i>PLoS ONE</i> , 2014, 9, e85675.	2.5	73
69	The Rise and Fall of HIV in High-Prevalence Countries: A Challenge for Mathematical Modeling. <i>PLoS Computational Biology</i> , 2014, 10, e1003459.	3.2	22
70	Role of Semen in Altering the Balance Between Inflammation and Tolerance in the Female Genital Tract: Does it Contribute to HIV Risk?. <i>Viral Immunology</i> , 2014, 27, 200-206.	1.3	20
71	Rapid Disease Progression in HIV-1 Subtype C $\hat{\pm}$ Infected South African Women. <i>Clinical Infectious Diseases</i> , 2014, 59, 1322-1331.	5.8	46
72	High HIV risk in a cohort of male sex workers from Nairobi, Kenya. <i>Sexually Transmitted Infections</i> , 2014, 90, 237-242.	1.9	62

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73	Defining genital tract cytokine signatures of sexually transmitted infections and bacterial vaginosis in women at high risk of HIV infection: a cross-sectional study. <i>Sexually Transmitted Infections</i> , 2014, 90, 580-587.	1.9	173
74	Honing in on enteric fever. <i>ELife</i> , 2014, 3, e03545.	6.0	4
75	HIV Postexposure Prophylaxis in an Urban Population of Female Sex Workers in Nairobi, Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2013, 62, 220-225.	2.1	19
76	Genital immunology and HIV susceptibility in young women. <i>American Journal of Reproductive Immunology</i> , 2013, 69, 74-79.	1.2	52
77	Mucosal Th17 Cell Function Is Altered during HIV Infection and Is an Independent Predictor of Systemic Immune Activation. <i>Journal of Immunology</i> , 2013, 191, 2164-2173.	0.8	98
78	Enumeration of Sex Workers in the Central Business District of Nairobi, Kenya. <i>PLoS ONE</i> , 2013, 8, e54354.	2.5	24
79	Interferon Regulatory Factor 1 Polymorphisms Previously Associated with Reduced HIV Susceptibility Have No Effect on HIV Disease Progression. <i>PLoS ONE</i> , 2013, 8, e66253.	2.5	5
80	Quality and quantity. <i>Current Opinion in HIV and AIDS</i> , 2012, 7, 195-202.	3.8	112
81	HIV-specific CD8 ⁺ T cell proliferation is prospectively associated with delayed disease progression. <i>Immunology and Cell Biology</i> , 2012, 90, 346-351.	2.3	17
82	Does antiretroviral therapy initiation increase sexual risk taking in Kenyan female sex workers? A retrospective case-control study. <i>BMJ Open</i> , 2012, 2, e000565.	1.9	5
83	Blunted IL17/IL22 and Pro-Inflammatory Cytokine Responses in the Genital Tract and Blood of HIV-Exposed, Seronegative Female Sex Workers in Kenya. <i>PLoS ONE</i> , 2012, 7, e43670.	2.5	44
84	HIV-1 Clade D Is Associated with Increased Rates of CD4 Decline in a Kenyan Cohort. <i>PLoS ONE</i> , 2012, 7, e49797.	2.5	6
85	Biological Factors that May Contribute to Regional and Racial Disparities in HIV Prevalence. <i>American Journal of Reproductive Immunology</i> , 2011, 65, 317-324.	1.2	50
86	Epitope Mapping of HIV-Specific CD8 ⁺ T Cell Responses by Multiple Immunological Readouts Reveals Distinct Specificities Defined by Function. <i>Journal of Virology</i> , 2011, 85, 1275-1286.	3.4	14
87	Characterization of a Human Cervical CD4 ⁺ T Cell Subset Coexpressing Multiple Markers of HIV Susceptibility. <i>Journal of Immunology</i> , 2011, 187, 6032-6042.	0.8	160
88	Effect of Baseline HIV Disease Parameters on CD4 ⁺ T Cell Recovery After Antiretroviral Therapy Initiation in Kenyan Women. <i>PLoS ONE</i> , 2010, 5, e11434.	2.5	28
89	CD26/dipeptidyl peptidase IV (CD26/DPPIV) is highly expressed in peripheral blood of HIV-1 exposed uninfected Female sex workers. <i>Virology Journal</i> , 2010, 7, 343.	3.4	17
90	Evaluation of a Quantitative Real-Time PCR Assay to Measure HIV-Specific Mucosal CD8 ⁺ T Cell Responses in the Cervix. <i>PLoS ONE</i> , 2010, 5, e13077.	2.5	16

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91	HIV-Specific T Cells: Strategies for Fighting a Moving Target. <i>Current HIV Research</i> , 2010, 8, 587-595.	0.5	4
92	HIV vaccine efficacy trials: A brief history, and options for going forward. <i>AIDS Reviews</i> , 2010, 12, 209-17.	1.0	11
93	HIV-1 RNA Dysregulates the Natural TLR Response to Subclinical Endotoxemia in Kenyan Female Sex-Workers. <i>PLoS ONE</i> , 2009, 4, e5644.	2.5	56
94	Epitope Mapping of HIV-Specific CD8+ T cells in a Cohort Dominated by Clade A1 Infection. <i>PLoS ONE</i> , 2009, 4, e6965.	2.5	2
95	The integrin $\alpha 4 \beta 7$ forms a complex with cell-surface CD4 and defines a T-cell subset that is highly susceptible to infection by HIV-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20877-20882.	7.1	258
96	Multiple T-cell epitopes overlap positively-selected residues in the p1 spacer protein of HIV-1 gag. <i>Aids</i> , 2009, 23, 771-777.	2.2	6
97	Clade-Specific Evolution Mediated by HLA-B*57/5801 in Human Immunodeficiency Virus Type 1 Clade A1 p24. <i>Journal of Virology</i> , 2009, 83, 12636-12642.	3.4	15
98	Cervical HIV-Specific IgA in a Population of Commercial Sex Workers Correlates with Repeated Exposure But Not Resistance to HIV. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 83-92.	1.1	46
99	Toll-like receptor expression and responsiveness are increased in viraemic HIV-1 infection. <i>Aids</i> , 2008, 22, 685-694.	2.2	135
100	Substantial Intrapatient Differences in the Breadth and Specificity of HIV-Specific CD8+ T-Cell Interferon- γ and Proliferation Responses. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008, 49, 123-127.	2.1	7
101	Epitope Cross-Reactivity Frequently Differs between Central and Effector Memory HIV-Specific CD8+ T Cells. <i>Journal of Immunology</i> , 2007, 178, 3750-3756.	0.8	12
102	Cross-Clade CD8+ T-Cell Responses With a Preference for the Predominant Circulating Clade. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2005, 40, 245-249.	2.1	27