

# Heather B Jaspan

## List of Publications by Year in descending order

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Version: 2024-02-01

92  
papers

3,117  
citations

185998

28  
h-index

189595

50  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4768  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotypic Expansion of T Regulatory and Th17 Cells during Infancy Is Disrupted by HIV Exposure and Gut Epithelial Damage. <i>Journal of Immunology</i> , 2022, 208, 27-37.	0.4	6
2	In Silico Characterisation of Putative Prophages in Lactobacillaceae Used in Probiotics for Vaginal Health. <i>Microorganisms</i> , 2022, 10, 214.	1.6	5
3	The Effect of Contraception on Genital Cytokines in Women Randomized to Copper Intrauterine Device, Depot Medroxyprogesterone Acetate, or Levonorgestrel Implant. <i>Journal of Infectious Diseases</i> , 2022, 226, 907-919.	1.9	2
4	Systems Analysis Reveals Contraceptive-Induced Alteration of Cervicovaginal Gene Expression in a Randomized Trial. <i>Frontiers in Reproductive Health</i> , 2022, 4, .	0.6	1
5	Persistent, Asymptomatic Colonization with <i>Candida</i> is Associated with Elevated Frequencies of Highly Activated Cervical Th17-Like Cells and Related Cytokines in the Reproductive Tract of South African Adolescents. <i>Microbiology Spectrum</i> , 2022, 10, e0162621.	1.2	2
6	Building knowledge, optimising physical and mental health and setting up healthier life trajectories in South African women ( <i>Bukhali</i> ): a preconception randomised control trial part of the Healthy Life Trajectories Initiative (HeLTI). <i>BMJ Open</i> , 2022, 12, e059914.	0.8	17
7	Factors influencing maternal microchimerism throughout infancy and its impact on infant T cell immunity. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	14
8	Risk Factors for Coronavirus Disease 2019 (COVID-19) Death in a Population Cohort Study from the Western Cape Province, South Africa. <i>Clinical Infectious Diseases</i> , 2021, 73, e2005-e2015.	2.9	405
9	crAssphage genomes identified in fecal samples of an adult and infants with evidence of positive genomic selective pressure within tail protein genes. <i>Virus Research</i> , 2021, 292, 198219.	1.1	10
10	Hormonal contraception and risk of STIs and bacterial vaginosis in South African adolescents: secondary analysis of a randomised trial. <i>Sexually Transmitted Infections</i> , 2021, 97, 112-117.	0.8	5
11	T-Cell Homeostatic Imbalance in Placentas From Women With Human Immunodeficiency Virus in the Absence of Vertical Transmission. <i>Journal of Infectious Diseases</i> , 2021, 224, S670-S682.	1.9	6
12	The Complex Link between the Female Genital Microbiota, Genital Infections, and Inflammation. <i>Infection and Immunity</i> , 2021, 89, .	1.0	24
13	Recent Advances and New Challenges in Cisgender Women's Gynecologic and Obstetric Health in the Context of HIV. <i>Clinical Obstetrics and Gynecology</i> , 2021, 64, 475-490.	0.6	2
14	Temporal Changes in Vaginal Microbiota and Genital Tract Cytokines Among South African Women Treated for Bacterial Vaginosis. <i>Frontiers in Immunology</i> , 2021, 12, 730986.	2.2	25
15	Myeloid-derived suppressor cells and their association with vaccine immunogenicity in South African infants. <i>Journal of Leukocyte Biology</i> , 2021, 110, 939-950.	1.5	5
16	Presence and Persistence of Putative Lytic and Temperate Bacteriophages in Vaginal Metagenomes from South African Adolescents. <i>Viruses</i> , 2021, 13, 2341.	1.5	8
17	Comparison of Female Genital Tract Cytokine and Microbiota Signatures Induced by Initiation of Intramuscular DMPA and NET-EN Hormonal Contraceptives - a Prospective Cohort Analysis. <i>Frontiers in Immunology</i> , 2021, 12, 760504.	2.2	5
18	Impact of chemokine CCL27, foreskin anatomy and sexually transmitted infections on HIV-1 target cell availability in adolescent South African males. <i>Mucosal Immunology</i> , 2020, 13, 118-127.	2.7	12

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19	Transient Immune Activation in BCG-Vaccinated Infant Rhesus Macaques Is Not Sufficient to Influence Oral Simian Immunodeficiency Virus Infection. <i>Journal of Infectious Diseases</i> , 2020, 222, 44-53.	1.9	10
20	Compositional analyses reveal correlations between taxon-level gut bacterial abundance and peripheral T cell marker expression in African infants. <i>Gut Microbes</i> , 2020, 11, 237-244.	4.3	4
21	Natural compulsive-like behaviour in the deer mouse ( <i>Peromyscus maniculatus bairdii</i> ) is associated with altered gut microbiota composition. <i>European Journal of Neuroscience</i> , 2020, 51, 1419-1427.	1.2	25
22	Impact of Hormonal Contraceptives on Cervical T-helper 17 Phenotype and Function in Adolescents: Results from a Randomized, Crossover Study Comparing Long-acting Injectable Norethisterone Oenanthate (NET-EN), Combined Oral Contraceptive Pills, and Combined Contraceptive Vaginal Rings. <i>Clinical Infectious Diseases</i> , 2020, 71, e76-e87.	2.9	13
23	Human Immunodeficiency Virus Infection Is Associated With Preterm Delivery Independent of Vaginal Microbiota in Pregnant African Women. <i>Journal of Infectious Diseases</i> , 2020, 221, 1194-1203.	1.9	21
24	An open-label, randomized crossover study to evaluate the acceptability and preference for contraceptive options in female adolescents, 15 to 19 years of age in Cape Town, as a proxy for HIV prevention methods (UChoose). <i>Journal of the International AIDS Society</i> , 2020, 23, e25626.	1.2	26
25	Testing the regulatory framework in South Africa – a single-blind randomized pilot trial of commercial probiotic supplementation to standard therapy in women with bacterial vaginosis. <i>BMC Infectious Diseases</i> , 2020, 20, 491.	1.3	12
26	Microbial function and genital inflammation in young South African women at high risk of HIV infection. <i>Microbiome</i> , 2020, 8, 165.	4.9	23
27	The Vaginal Virome – Balancing Female Genital Tract Bacteriome, Mucosal Immunity, and Sexual and Reproductive Health Outcomes?. <i>Viruses</i> , 2020, 12, 832.	1.5	15
28	Hormonal contraception alters vaginal microbiota and cytokines in South African adolescents in a randomized trial. <i>Nature Communications</i> , 2020, 11, 5578.	5.8	30
29	Initiation of Antiretroviral Therapy Differentially Influences Genital and Systemic Immune Activation in HIV-Infected Women. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 821-830.	0.5	2
30	Exploring potential of vaginal <i>Lactobacillus</i> isolates from South African women for enhancing treatment for bacterial vaginosis. <i>PLoS Pathogens</i> , 2020, 16, e1008559.	2.1	31
31	Relationship between the Oral and Vaginal Microbiota of South African Adolescents with High Prevalence of Bacterial Vaginosis. <i>Microorganisms</i> , 2020, 8, 1004.	1.6	13
32	Preconception helminth infection alters offspring microbiota and immune subsets in a mouse model. <i>Parasite Immunology</i> , 2020, 42, e12721.	0.7	13
33	Inflammatory and antimicrobial properties differ between vaginal <i>Lactobacillus</i> isolates from South African women with non-optimal versus optimal microbiota. <i>Scientific Reports</i> , 2020, 10, 6196.	1.6	36
34	Inflammatory cytokine biomarkers of asymptomatic sexually transmitted infections and vaginal dysbiosis: a multicentre validation study. <i>Sexually Transmitted Infections</i> , 2019, 95, 5-12.	0.8	51
35	Bacille Calmette-Guérin Vaccine Strain Modulates the Ontogeny of Both Mycobacterial-Specific and Heterologous T Cell Immunity to Vaccination in Infants. <i>Frontiers in Immunology</i> , 2019, 10, 2307.	2.2	17
36	Influence of maternal microbiota during pregnancy on infant immunity. <i>Clinical and Experimental Immunology</i> , 2019, 198, 47-56.	1.1	72

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37	Pre-conception maternal helminth infection transfers via nursing long-lasting cellular immunity against helminths to offspring. <i>Science Advances</i> , 2019, 5, eaav3058.	4.7	29
38	Defining characteristics of genital health in South African adolescent girls and young women at high risk for HIV infection. <i>PLoS ONE</i> , 2019, 14, e0213975.	1.1	39
39	Antimicrobial and inflammatory properties of South African clinical <i>Lactobacillus</i> isolates and vaginal probiotics. <i>Scientific Reports</i> , 2019, 9, 1917.	1.6	37
40	Partner HIV Serostatus Impacts Viral Load, Genital HIV Shedding, and Immune Activation in HIV-Infected Individuals. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 51-60.	0.9	3
41	Impact of maternal HIV exposure, feeding status, and microbiome on infant cellular immunity. <i>Journal of Leukocyte Biology</i> , 2019, 105, 281-289.	1.5	8
42	The Evolving Facets of Bacterial Vaginosis: Implications for HIV Transmission. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 219-228.	0.5	188
43	Feeding-Related Gut Microbial Composition Associates With Peripheral T-Cell Activation and Mucosal Gene Expression in African Infants. <i>Clinical Infectious Diseases</i> , 2018, 67, 1237-1246.	2.9	31
44	Vaginal microbes, inflammation, and HIV risk in African women. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 483-484.	4.6	10
45	Microbial Composition Predicts Genital Tract Inflammation and Persistent Bacterial Vaginosis in South African Adolescent Females. <i>Infection and Immunity</i> , 2018, 86, .	1.0	136
46	Converging epidemics of sexually transmitted infections and bacterial vaginosis in southern African female adolescents at risk of HIV. <i>International Journal of STD and AIDS</i> , 2018, 29, 531-539.	0.5	48
47	Meta-analysis of effects of exclusive breastfeeding on infant gut microbiota across populations. <i>Nature Communications</i> , 2018, 9, 4169.	5.8	283
48	Breastfeeding mitigates the effects of maternal HIV on infant infectious morbidity in the Option B+ era. <i>Aids</i> , 2018, 32, 2383-2391.	1.0	25
49	Endocervical and vaginal microbiota in South African adolescents with asymptomatic <i>Chlamydia trachomatis</i> infection. <i>Scientific Reports</i> , 2018, 8, 11109.	1.6	37
50	Disruption of maternal gut microbiota during gestation alters offspring microbiota and immunity. <i>Microbiome</i> , 2018, 6, 124.	4.9	109
51	High human papillomavirus (HPV) prevalence in South African adolescents and young women encourages expanded HPV vaccination campaigns. <i>PLoS ONE</i> , 2018, 13, e0190166.	1.1	47
52	<sc>CCR</sc>5 expression, haplotype and immune activation in protection from infection in <sc>HIV</sc>-exposed uninfected individuals in <sc>HIV</sc>-serodiscordant relationships. <i>Immunology</i> , 2017, 151, 464-473.	2.0	16
53	Probiotics for vaginal health in South Africa: what is on retailers'™ shelves?. <i>BMC Women's Health</i> , 2017, 17, 7.	0.8	10
54	T Cell Activation in South African HIV-Exposed Infants Correlates with Ochratoxin A Exposure. <i>Frontiers in Immunology</i> , 2017, 8, 1857.	2.2	8

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55	Hoër voorkomskoers van bakteriële vaginose en Chlamydia in lae-inkomste, hoër bevolkingsdigtheid gemeenskap in Kaapstad. South African Journal of Science and Technology, 2017, 36, .	0.1	0
56	Does HIV Exploit the Inflammatory Milieu of the Male Genital Tract for Successful Infection?. Frontiers in Immunology, 2016, 7, 245.	2.2	17
57	Delayed BCG immunization does not alter antibody responses to EPI vaccines in HIV-exposed and -unexposed South African infants. Vaccine, 2016, 34, 3702-3709.	1.7	9
58	Genital inflammation, immune activation and risk of sexual HIV acquisition. Current Opinion in HIV and AIDS, 2016, 11, 156-162.	1.5	115
59	Reply to Thysen et al. Journal of Infectious Diseases, 2015, 212, 1342-1343.	1.9	1
60	Relationship between female genital tract infections, mucosal interleukin-17 production and local T helper type 17 cells. Immunology, 2015, 146, 557-567.	2.0	45
61	Immunogenicity of BCG in HIV-exposed and non-exposed infants following routine birth or delayed vaccination. International Journal of Tuberculosis and Lung Disease, 2015, 19, 454-462.	0.6	22
62	Delayed BCG vaccination results in minimal alterations in T cell immunogenicity of acellular pertussis and tetanus immunizations in HIV-exposed infants. Vaccine, 2015, 33, 4782-4789.	1.7	10
63	642Increased HIV Target Cells and Decreased HLA Class I Expression at the Oral Mucosa is Associated with Mixed Feeding of Infants in Khayelitsha, South Africa. Open Forum Infectious Diseases, 2014, 1, S32-S32.	0.4	0
64	Role of Semen in Altering the Balance Between Inflammation and Tolerance in the Female Genital Tract: Does it Contribute to HIV Risk?. Viral Immunology, 2014, 27, 200-206.	0.6	20
65	The Role of Myeloid-Derived Suppressor Cells in Immune Ontogeny. Frontiers in Immunology, 2014, 5, 387.	2.2	59
66	Myeloid Derived Suppressor Cells Are Present at High Frequency in Neonates and Suppress In Vitro T Cell Responses. PLoS ONE, 2014, 9, e107816.	1.1	82
67	The oral mucosa immune environment and oral transmission of HIV/SIV. Immunological Reviews, 2013, 254, 34-53.	2.8	29
68	High Rate of Multiple Concurrent Human Papillomavirus Infections among HIV-Uninfected South African Adolescents. , 2013, 2, 1000106.		4
69	Sexual Health, HIV Risk, and Retention in an Adolescent HIV-Prevention Trial Preparatory Cohort. Journal of Adolescent Health, 2011, 49, 42-46.	1.2	13
70	The Wrong Place at the Wrong Time: Geographic Disparities in Young People's HIV Risk. Journal of Adolescent Health, 2011, 49, 227-229.	1.2	4
71	Intra- and Inter-clade Cross-reactivity by HIV-1 Gag Specific T-Cells Reveals Exclusive and Commonly Targeted Regions: Implications for Current Vaccine Trials. PLoS ONE, 2011, 6, e26096.	1.1	10
72	Standard Measures are Inadequate to Monitor Pediatric Adherence in a Resource-Limited Setting. AIDS and Behavior, 2011, 15, 422-431.	1.4	36

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73	Effect of Caregivers' Depression and Alcohol Use on Child Antiretroviral Adherence in South Africa. <i>AIDS Patient Care and STDs</i> , 2011, 25, 595-600.	1.1	15
74	Immune Activation in the Female Genital Tract During HIV Infection Predicts Mucosal CD4 Depletion and HIV Shedding. <i>Journal of Infectious Diseases</i> , 2011, 204, 1550-1556.	1.9	66
75	MULTIDRUG-RESISTANT ENTEROCOCCUS FAECIUM MENINGITIS IN A TODDLER. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 379-381.	1.1	70
76	Positive futures: a qualitative study on the needs of adolescents on antiretroviral therapy in South Africa. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2010, 22, 751-758.	0.6	49
77	A qualitative assessment of perspectives on the inclusion of adolescents in HIV vaccine trials in South Africa. <i>International Journal of STD and AIDS</i> , 2010, 21, 172-176.	0.5	14
78	Virological Suppression Achieved with Suboptimal Adherence Levels among South African Children Receiving Boosted Protease Inhibitor-Based Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2009, 48, e3-e5.	2.9	21
79	The emerging need for adolescent-focused HIV care in South Africa. <i>Southern African Journal of HIV Medicine</i> , 2009, 10, 9.	0.3	19
80	Community perspectives on the ethical issues surrounding adolescent HIV vaccine trials in South Africa. <i>Vaccine</i> , 2008, 26, 5679-5683.	1.7	16
81	Inclusion of Adolescents in Preventive HIV Vaccine Trials. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2008, 47, 86-92.	0.9	40
82	Two-Year Outcomes of Children on Non-Nucleoside Reverse Transcriptase Inhibitor and Protease Inhibitor Regimens in a South African Pediatric Antiretroviral Program. <i>Pediatric Infectious Disease Journal</i> , 2008, 27, 993-998.	1.1	45
83	Bacterial Disease and Antimicrobial Susceptibility Patterns in HIV-Infected, Hospitalized Children: A Retrospective Cohort Study. <i>PLoS ONE</i> , 2008, 3, e3260.	1.1	32
84	Immunology of infants through adolescents: responses to emulate for HIV vaccines. <i>Current Opinion in HIV and AIDS</i> , 2007, 2, 391-398.	1.5	3
85	Adolescent Participation in HIV Vaccine Trials: Cognitive Developmental Considerations. <i>South African Journal of Psychology</i> , 2007, 37, 576-594.	1.0	9
86	Brief report: Methods for collecting sexual behaviour information from South African adolescents—a comparison of paper versus personal digital assistant questionnaires. <i>Journal of Adolescence</i> , 2007, 30, 353-359.	1.2	44
87	Adolescent HIV Prevalence, Sexual Risk, and Willingness to Participate in HIV Vaccine Trials. <i>Journal of Adolescent Health</i> , 2006, 39, 642-648.	1.2	66
88	The maturing immune system: implications for development and testing HIV-1 vaccines for children and adolescents. <i>Aids</i> , 2006, 20, 483-494.	1.0	65
89	Adolescents and HIV Vaccine Trials. <i>Journal of the International Association of Providers of AIDS Care</i> , 2005, 4, 93-97.	1.2	12
90	Amniotic fluid has higher relative levels of lentivirus-specific antibodies than plasma and can contain neutralizing antibodies. <i>Journal of Clinical Virology</i> , 2004, 31, 190-197.	1.6	11

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91	Expression of granzyme B mRNA is altered in human immunodeficiency virus infected patients. <i>Experimental and Molecular Pathology</i> , 2003, 74, 13-16.	0.9	2
92	Preventing Neonatal HIV: A Review. <i>Current HIV Research</i> , 2003, 1, 321-327.	0.2	10