

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	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
2	Meta-analysis of effects of exclusive breastfeeding on infant gut microbiota across populations. <i>Nature Communications</i> , 2018, 9, 4169.	5.8	283
3	The Evolving Facets of Bacterial Vaginosis: Implications for HIV Transmission. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 219-228.	0.5	188
4	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
5	Genital inflammation, immune activation and risk of sexual HIV acquisition. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 156-162.	1.5	115
6	Disruption of maternal gut microbiota during gestation alters offspring microbiota and immunity. <i>Microbiome</i> , 2018, 6, 124.	4.9	109
7	Myeloid Derived Suppressor Cells Are Present at High Frequency in Neonates and Suppress In Vitro T Cell Responses. <i>PLoS ONE</i> , 2014, 9, e107816.	1.1	82
8	Influence of maternal microbiota during pregnancy on infant immunity. <i>Clinical and Experimental Immunology</i> , 2019, 198, 47-56.	1.1	72
9	MULTIDRUG-RESISTANT ENTEROCOCCUS FAECIUM MENINGITIS IN A TODDLER. <i>Pediatric Infectious Disease Journal</i> , 2010, 29, 379-381.	1.1	70
10	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
11	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
12	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
13	The Role of Myeloid-Derived Suppressor Cells in Immune Ontogeny. <i>Frontiers in Immunology</i> , 2014, 5, 387.	2.2	59
14	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
15	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
16	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
17	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
18	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

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19	Relationship between female genital tract infections, mucosal interleukin-17 production and local T helper type 17 cells. <i>Immunology</i> , 2015, 146, 557-567.	2.0	45
20	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
21	Inclusion of Adolescents in Preventive HIV Vaccine Trials. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2008, 47, 86-92.	0.9	40
22	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
23	Endocervical and vaginal microbiota in South African adolescents with asymptomatic Chlamydia trachomatis infection. <i>Scientific Reports</i> , 2018, 8, 11109.	1.6	37
24	Antimicrobial and inflammatory properties of South African clinical Lactobacillus isolates and vaginal probiotics. <i>Scientific Reports</i> , 2019, 9, 1917.	1.6	37
25	Standard Measures are Inadequate to Monitor Pediatric Adherence in a Resource-Limited Setting. <i>AIDS and Behavior</i> , 2011, 15, 422-431.	1.4	36
26	Inflammatory and antimicrobial properties differ between vaginal Lactobacillus isolates from South African women with non-optimal versus optimal microbiota. <i>Scientific Reports</i> , 2020, 10, 6196.	1.6	36
27	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
28	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
29	Exploring potential of vaginal Lactobacillus isolates from South African women for enhancing treatment for bacterial vaginosis. <i>PLoS Pathogens</i> , 2020, 16, e1008559.	2.1	31
30	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
31	The oral mucosa immune environment and oral transmission of HIV/SIV. <i>Immunological Reviews</i> , 2013, 254, 34-53.	2.8	29
32	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
33	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
34	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
35	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
36	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

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37	The Complex Link between the Female Genital Microbiota, Genital Infections, and Inflammation. <i>Infection and Immunity</i> , 2021, 89, .	1.0	24
38	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
39	Immunogenicity of BCG in HIV-exposed and non-exposed infants following routine birth or delayed vaccination. <i>International Journal of Tuberculosis and Lung Disease</i> , 2015, 19, 454-462.	0.6	22
40	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
41	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
42	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.	0.6	20
43	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
44	Does HIV Exploit the Inflammatory Milieu of the Male Genital Tract for Successful Infection?. <i>Frontiers in Immunology</i> , 2016, 7, 245.	2.2	17
45	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
46	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
47	Community perspectives on the ethical issues surrounding adolescent HIV vaccine trials in South Africa. <i>Vaccine</i> , 2008, 26, 5679-5683.	1.7	16
48	<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
49	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
50	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
51	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
52	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
53	Sexual Health, HIV Risk, and Retention in an Adolescent HIV-Prevention Trial Preparatory Cohort. <i>Journal of Adolescent Health</i> , 2011, 49, 42-46.	1.2	13
54	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

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55	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
56	Preconception helminth infection alters offspring microbiota and immune subsets in a mouse model. <i>Parasite Immunology</i> , 2020, 42, e12721.	0.7	13
57	Adolescents and HIV Vaccine Trials. <i>Journal of the International Association of Providers of AIDS Care</i> , 2005, 4, 93-97.	1.2	12
58	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
59	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
60	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
61	Preventing Neonatal HIV: A Review. <i>Current HIV Research</i> , 2003, 1, 321-327.	0.2	10
62	Intra- and Inter-clade Cross-reactivity by HIV-1 Gag Specific T-Cells Reveals Exclusive and Commonly Targeted Regions: Implications for Current Vaccine Trials. <i>PLoS ONE</i> , 2011, 6, e26096.	1.1	10
63	Delayed BCG vaccination results in minimal alterations in T cell immunogenicity of acellular pertussis and tetanus immunizations in HIV-exposed infants. <i>Vaccine</i> , 2015, 33, 4782-4789.	1.7	10
64	Probiotics for vaginal health in South Africa: what is on retailers' shelves?. <i>BMC Women's Health</i> , 2017, 17, 7.	0.8	10
65	Vaginal microbes, inflammation, and HIV risk in African women. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 483-484.	4.6	10
66	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
67	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
68	Adolescent Participation in HIV Vaccine Trials: Cognitive Developmental Considerations. <i>South African Journal of Psychology</i> , 2007, 37, 576-594.	1.0	9
69	Delayed BCG immunization does not alter antibody responses to EPI vaccines in HIV-exposed and -unexposed South African infants. <i>Vaccine</i> , 2016, 34, 3702-3709.	1.7	9
70	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
71	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
72	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

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73	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
74	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
75	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
76	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
77	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
78	In Silico Characterisation of Putative Prophages in Lactobacillaceae Used in Probiotics for Vaginal Health. <i>Microorganisms</i> , 2022, 10, 214.	1.6	5
79	The Wrong Place at the Wrong Time: Geographic Disparities in Young People's HIV Risk. <i>Journal of Adolescent Health</i> , 2011, 49, 227-229.	1.2	4
80	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
81	High Rate of Multiple Concurrent Human Papillomavirus Infections among HIV-Uninfected South African Adolescents. , 2013, 2, 1000106.		4
82	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
83	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
84	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
85	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
86	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
87	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
88	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
89	Reply to Thysen et al. <i>Journal of Infectious Diseases</i> , 2015, 212, 1342-1343.	1.9	1
90	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

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91	642 Increased HIV Target Cells and Decreased HLA Class I Expression at the Oral Mucosa is Associated with Mixed Feeding of Infants in Khayelitsha, South Africa. <i>Open Forum Infectious Diseases</i> , 2014, 1, S32-S32.	0.4	0
92	Hoër voorkomskoers van bakteriële vaginose en Chlamydia in hoër inkomste, hoër bevolkingsdigtheid gemeenskap in Kaapstad. <i>South African Journal of Science and Technology</i> , 2017, 36, .	0.1	0