

Jo-Ann S Passmore

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3099888/publications.pdf>

Version: 2024-02-01

105
papers

3,974
citations

136740

32
h-index

138251

58
g-index

108
all docs

108
docs citations

108
times ranked

3999
citing authors

#	ARTICLE	IF	CITATIONS
1	Genital Inflammation and the Risk of HIV Acquisition in Women. <i>Clinical Infectious Diseases</i> , 2015, 61, 260-269.	2.9	354
2	Vaginal bacteria modify HIV tenofovir microbicide efficacy in African women. <i>Science</i> , 2017, 356, 938-945.	6.0	348
3	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.	2.7	205
4	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.	0.8	173
5	Symptomatic Vaginal Discharge Is a Poor Predictor of Sexually Transmitted Infections and Genital Tract Inflammation in High-Risk Women in South Africa. <i>Journal of Infectious Diseases</i> , 2012, 206, 6-14.	1.9	171
6	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
7	Genital inflammation undermines the effectiveness of tenofovir gel in preventing HIV acquisition in women. <i>Nature Medicine</i> , 2018, 24, 491-496.	15.2	123
8	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
9	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, .	5.8	85
10	Impact of human immunodeficiency virus 1 infection and inflammation on the composition and yield of cervical mononuclear cells in the female genital tract. <i>Immunology</i> , 2009, 128, e746-57.	2.0	84
11	Impact of Mucosal Inflammation on Cervical Human Immunodeficiency Virus (HIV-1)-Specific CD8 T-Cell Responses in the Female Genital Tract during Chronic HIV Infection. <i>Journal of Virology</i> , 2008, 82, 8529-8536.	1.5	81
12	Optimizing Viable Leukocyte Sampling from the Female Genital Tract for Clinical Trials: An International Multi-Site Study. <i>PLoS ONE</i> , 2014, 9, e85675.	1.1	73
13	Interleukin-10 Promoter Polymorphisms Influence HIV-1 Susceptibility and Primary HIV-1 Pathogenesis. <i>Journal of Infectious Diseases</i> , 2009, 200, 448-452.	1.9	72
14	Relationship between Levels of Inflammatory Cytokines in the Genital Tract and CD4 ⁺ Cell Counts in Women with Acute HIV-1 Infection. <i>Journal of Infectious Diseases</i> , 2008, 198, 710-714.	1.9	71
15	Genital Tract Inflammation During Early HIV-1 Infection Predicts Higher Plasma Viral Load Set Point in Women. <i>Journal of Infectious Diseases</i> , 2012, 205, 194-203.	1.9	67
16	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
17	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.	0.9	64
18	Cervical and oral human papillomavirus types in HIV-1 positive and negative women with cervical disease in South Africa. <i>Journal of Medical Virology</i> , 2008, 80, 953-959.	2.5	57

#	ARTICLE	IF	CITATIONS
19	Cervicovaginal Inflammation Facilitates Acquisition of Less Infectious HIV Variants. <i>Clinical Infectious Diseases</i> , 2017, 64, 79-82.	2.9	53
20	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
21	Inflammatory cytokine biomarkers to identify women with asymptomatic sexually transmitted infections and bacterial vaginosis who are at high risk of HIV infection. <i>Sexually Transmitted Infections</i> , 2016, 92, 186-193.	0.8	50
22	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
23	Effect of Female Genital Schistosomiasis and Anti-Schistosomal Treatment on Monocytes, CD4+ T-Cells and CCR5 Expression in the Female Genital Tract. <i>PLoS ONE</i> , 2014, 9, e98593.	1.1	47
24	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
25	Rapid Disease Progression in HIV-1 Subtype C ₁ Infected South African Women. <i>Clinical Infectious Diseases</i> , 2014, 59, 1322-1331.	2.9	46
26	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
27	Female genital tract inflammation, HIV co-infection and persistent mucosal Human Papillomavirus (HPV) infections. <i>Virology</i> , 2016, 493, 247-254.	1.1	44
28	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.	1.2	43
29	HPV infection and the genital cytokine milieu in women at high risk of HIV acquisition. <i>Nature Communications</i> , 2019, 10, 5227.	5.8	40
30	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
31	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.	0.8	38
32	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
33	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
34	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
35	Oral antibodies to human papillomavirus type 16 in women with cervical neoplasia. <i>Journal of Medical Virology</i> , 2001, 65, 149-154.	2.5	35
36	Evaluation of lumpy skin disease virus, a capripoxvirus, as a replication-deficient vaccine vector. <i>Journal of General Virology</i> , 2003, 84, 1985-1996.	1.3	33

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	A recombinant human papillomavirus (HPV) type 16 L1 vaccine challenge model demonstrates cell-mediated immunity against HPV virus-like particles. <i>Journal of General Virology</i> , 1999, 80, 2471-2475.	1.3	30
41	Comparison of cervical and blood T-cell responses to human papillomavirus-16 in women with human papillomavirus-associated cervical intraepithelial neoplasia. <i>Immunology</i> , 2006, 119, 507-514.	2.0	27
42	Cervicovaginal, oral, and serum IgG and IgA responses to human papillomavirus type 16 in women with cervical intraepithelial neoplasia. <i>Journal of Medical Virology</i> , 2007, 79, 1375-1380.	2.5	26
43	Papanicolaou smears and cervical inflammatory cytokine responses. <i>Journal of Inflammation</i> , 2007, 4, 8.	1.5	26
44	Randomized Cross-Sectional Study to Compare HIV-1 Specific Antibody and Cytokine Concentrations in Female Genital Secretions Obtained by Menstrual Cup and Cervicovaginal Lavage. <i>PLoS ONE</i> , 2015, 10, e0131906.	1.1	26
45	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
46	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
47	The Complex Link between the Female Genital Microbiota, Genital Infections, and Inflammation. <i>Infection and Immunity</i> , 2021, 89, .	1.0	24
48	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
49	Comparison of polyclonal expansion methods to improve the recovery of cervical cytobrush-derived T cells from the female genital tract of HIV-infected women. <i>Journal of Immunological Methods</i> , 2010, 354, 68-79.	0.6	22
50	Vaginal microbicides to prevent human immunodeficiency virus infection in women: Perspectives on the female genital tract, sexual maturity and mucosal inflammation. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2012, 26, 441-449.	1.4	20
51	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
52	South African HIV-1 subtype C transmitted variants with a specific V2 motif show higher dependence on $\Delta\psi$ for replication. <i>Retrovirology</i> , 2015, 12, 54.	0.9	19
53	Inflammatory Cytokine Profiles of Semen Influence Cytokine Responses of Cervicovaginal Epithelial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2721.	2.2	18
54	Stability and transport of cervical cytobrushes for isolation of mononuclear cells from the female genital tract. <i>Journal of Immunological Methods</i> , 2011, 367, 47-55.	0.6	17

#	ARTICLE	IF	CITATIONS
55	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
56	Human Leukocyte Antigen (HLA) Class II -DRB1 and -DQB1 Alleles and the Association with Cervical Cancer in HIV/HPV Co-Infected Women in South Africa. <i>Journal of Cancer</i> , 2019, 10, 2145-2152.	1.2	17
57	Innate Antibacterial Activity in Female Genital Tract Secretions Is Associated with Increased Risk of HIV Acquisition. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 1153-1159.	0.5	16
58	<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
59	The microbiome and HIV prevention strategies in women. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 81-87.	1.5	16
60	Isolation and characterization of T cells from semen. <i>Journal of Immunological Methods</i> , 2012, 375, 223-231.	0.6	15
61	Plasma concentration of injectable contraceptive correlates with reduced cervicovaginal growth factor expression in South African women. <i>Mucosal Immunology</i> , 2020, 13, 449-459.	2.7	15
62	The Vaginal Viromeâ€”Balancing Female Genital Tract Bacteriome, Mucosal Immunity, and Sexual and Reproductive Health Outcomes?. <i>Viruses</i> , 2020, 12, 832.	1.5	15
63	single-cell cytokine analysis allows detection of cervical T-cell responses against human papillomavirus type 16 L1 in women infected with genital HPV. <i>Journal of Medical Virology</i> , 2002, 67, 234-240.	2.5	14
64	Association of serum and mucosal neutralizing antibodies to human papillomavirus type 16 (HPV-16) with HPV-16 infection and cervical disease. <i>Journal of General Virology</i> , 2008, 89, 910-914.	1.3	14
65	Polyclonal expansion of cervical cytobrushâ€derived T cells to investigate HIVâ€™specific responses in the female genital tract. <i>Immunology</i> , 2010, 130, 23-33.	2.0	13
66	<sc>HIV</sc>-specific <sc>T</sc>-cell responses detected in the genital tract of chronically <sc>HIV</sc>-infected women are largely monofunctional. <i>Immunology</i> , 2013, 139, 342-351.	2.0	13
67	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
68	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
69	Persistence of Genital Tract T Cell Responses in HIV-Infected Women on Highly Active Antiretroviral Therapy. <i>Journal of Virology</i> , 2010, 84, 10765-10772.	1.5	12
70	Impact of chemokine Câ€C ligand 27, 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
71	Testing the regulatory framework in South Africa â€ 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
72	BCG vaccination induces HIV target cell activation in HIV-exposed infants in a randomized trial. <i>JCI Insight</i> , 2017, 2, e91963.	2.3	11

#	ARTICLE	IF	CITATIONS
73	Altered phenotype and function of NK cells infiltrating Human Papillomavirus (HPV)-associated genital warts during HIV infection. <i>Clinical Immunology</i> , 2014, 150, 210-219.	1.4	10
74	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
75	Probiotics for vaginal health in South Africa: what is on retailers's shelves?. <i>BMC Women's Health</i> , 2017, 17, 7.	0.8	10
76	Vaginal microbes, inflammation, and HIV risk in African women. <i>Lancet Infectious Diseases</i> , The, 2018, 18, 483-484.	4.6	10
77	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.	2.2	10
78	Evaluation of CD103 (Î±EÎ²7) integrin expression by CD8 T cells in blood as a surrogate marker to predict cervical T cell responses in the female genital tract during HIV infection. <i>Clinical Immunology</i> , 2011, 141, 143-151.	1.4	9
79	Comparing high-throughput methods to measure NK cell-mediated antibody dependent cellular cytotoxicity during HIV-infection. <i>Journal of Immunological Methods</i> , 2016, 434, 46-52.	0.6	9
80	Evidence for both Intermittent and Persistent Compartmentalization of HIV-1 in the Female Genital Tract. <i>Journal of Virology</i> , 2019, 93, .	1.5	9
81	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.	0.8	8
82	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
83	Comparison of sampling methods to measure <scp>HIV RNA</scp> viral load in female genital tract secretions. <i>American Journal of Reproductive Immunology</i> , 2017, 77, e12619.	1.2	7
84	Lower genital tract cytokine profiles in South African women living with HIV: influence of mucosal sampling. <i>Scientific Reports</i> , 2018, 8, 12203.	1.6	7
85	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.	1.1	6
86	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
87	Transient association between semen exposure and biomarkers of genital inflammation in South African women at risk of HIV infection. <i>Journal of the International AIDS Society</i> , 2021, 24, e25766.	1.2	5
88	Modulation of Female Genital Tract-Derived Dendritic Cell Migration and Activation in Response to Inflammatory Cytokines and Toll-Like Receptor Agonists. <i>PLoS ONE</i> , 2016, 11, e0155668.	1.1	5
89	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
90	In Silico Characterisation of Putative Prophages in Lactobacillaceae Used in Probiotics for Vaginal Health. <i>Microorganisms</i> , 2022, 10, 214.	1.6	5

#	ARTICLE	IF	CITATIONS
91	Host Immune Responses Associated with Clearance or Persistence of Human Papillomavirus Infections. <i>Current Obstetrics and Gynecology Reports</i> , 2016, 5, 177-188.	0.3	4
92	The Impact of Semen Exposure on the Immune and Microbial Environments of the Female Genital Tract. <i>Frontiers in Reproductive Health</i> , 2020, 2, .	0.6	4
93	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
94	Higher mucosal antibody concentrations in women with genital tract inflammation. <i>Scientific Reports</i> , 2021, 11, 23514.	1.6	3
95	CD57 expression by T cells in the female genital tract of HIV-zx1 infected women. <i>Clinical Immunology</i> , 2010, 135, 137-145.	1.4	2
96	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
97	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
98	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
99	The Sequence of the $\hat{\pm}4\hat{1}^{27}$ -binding Motif on Gp120 of Transmitted/Founder Viruses Contributes to the Dependence on the Integrin for HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A56-A56.	0.5	1
100	Genital and systemic immune effects of the injectable, contraceptive norethisterone enanthate (NETâ€œEN), in South African women. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13411.	1.2	1
101	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
102	Impact of Systemic Immune Activation (IA) and Inflammation on the HIV Susceptibility of HIV- individuals with HIV Concordant or Discordant Partners. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A14-A15.	0.5	0
103	Presence of Male Partner Semen Influences the Inflammatory and Innate Cytokine Environment in the Female Genital Tract. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A235-A236.	0.5	0
104	Advancing Understanding of HIV Infection in Women Through Mucosal Immunology Studies. , 2017, , 153-166.		0
105	HoÃ« voorkomskoeers van bakteriÃ«le vaginose en Chlamydia in â€™n lae-inkomste, hoÃ« bevolkingsdigtheid gemeenskap in Kaapstad. <i>South African Journal of Science and Technology</i> , 2017, 36, .	0.1	0