

# Adam D Burgener

## List of Publications by Year in descending order

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Version: 2024-02-01

51  
papers

1,981  
citations

393982

19  
h-index

264894

42  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2764  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analysis of DNA extraction and PCR product purification methods for cervicovaginal microbiome analysis using cpn60 microbial profiling. PLoS ONE, 2022, 17, e0262355.	1.1	3
2	Gut-derived bacterial toxins impair memory CD4+ T cell mitochondrial function in HIV-1 infection. Journal of Clinical Investigation, 2022, 132, .	3.9	13
3	Gut microbiome signatures linked to HIV-1 reservoir size and viremia control. Microbiome, 2022, 10, 59.	4.9	19
4	SIV susceptibility, immunology and microbiome in the female genital tract of adolescent versus adult pigtail macaques. AIDS Research and Human Retroviruses, 2021, 37, 510-522.	0.5	2
5	Complement-Opsonized HIV Modulates Pathways Involved in Infection of Cervical Mucosal Tissues: A Transcriptomic and Proteomic Study. Frontiers in Immunology, 2021, 12, 625649.	2.2	2
6	An updated review on the effects of depot medroxyprogesterone acetate on the mucosal biology of the female genital tract. American Journal of Reproductive Immunology, 2021, 86, e13455.	1.2	6
7	The Female Reproductive Tract Microbiomeâ€™ Implications for Gynecologic Cancers and Personalized Medicine. Journal of Personalized Medicine, 2021, 11, 546.	1.1	11
8	Influence of dapivirine vaginal ring use on cervicovaginal immunity and functional microbiome in adolescent girls. Aids, 2021, 35, 369-380.	1.0	5
9	Plasma concentration of injectable contraceptive correlates with reduced cervicovaginal growth factor expression in South African women. Mucosal Immunology, 2020, 13, 449-459.	2.7	15
10	Treatment with Commonly Used Antiretroviral Drugs Induces a Type I/III Interferon Signature in the Gut in the Absence of HIV Infection. Cell Reports Medicine, 2020, 1, 100096.	3.3	10
11	The neovaginal microbiome of transgender women post-gender reassignment surgery. Microbiome, 2020, 8, 61.	4.9	25
12	Pregnancy associates with alterations to the host and microbial proteome in vaginal mucosa. American Journal of Reproductive Immunology, 2020, 83, e13235.	1.2	10
13	Impact of vaginal microbiome communities on HIV antiretroviral-based pre-exposure prophylaxis (PrEP) drug metabolism. PLoS Pathogens, 2020, 16, e1009024.	2.1	17
14	Vaginal microbiome-hormonal contraceptive interactions associate with the mucosal proteome and HIV acquisition. PLoS Pathogens, 2020, 16, e1009097.	2.1	18
15	Intestinal proteomic analysis of a novel non-human primate model of experimental colitis reveals signatures of mitochondrial and metabolic dysfunction. Mucosal Immunology, 2019, 12, 1327-1335.	2.7	15
16	Increased mucosal neutrophil survival is associated with altered microbiota in HIV infection. PLoS Pathogens, 2019, 15, e1007672.	2.1	36
17	Impact of Q-Griffithsin anti-HIV microbicide gel in non-human primates: In situ analyses of epithelial and immune cell markers in rectal mucosa. Scientific Reports, 2019, 9, 18120.	1.6	19
18	The Evolving Facets of Bacterial Vaginosis: Implications for HIV Transmission. AIDS Research and Human Retroviruses, 2019, 35, 219-228.	0.5	188

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19	Acute Infection and Subsequent Subclinical Reactivation of Herpes Simplex Virus 2 after Vaginal Inoculation of Rhesus Macaques. <i>Journal of Virology</i> , 2019, 93, .	1.5	11
20	A High-throughput Bead-based Affinity Assay Enables Analysis of Genital Protein Signatures in Women At Risk of HIV Infection. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 461-476.	2.5	4
21	The vaginal microbiome amplifies sex hormone-associated cyclic changes in cervicovaginal inflammation and epithelial barrier disruption. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12863.	1.2	45
22	Understanding mucosal and microbial functionality of the female reproductive tract by metaproteomics: Implications for HIV transmission. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e12977.	1.2	12
23	Impact of the griffithsin anti-HIV microbicide and placebo gels on the rectal mucosal proteome and microbiome in non-human primates. <i>Scientific Reports</i> , 2018, 8, 8059.	1.6	27
24	Amniotic fluid proteomic signatures of cervical insufficiency and their association with length of latency. <i>American Journal of Reproductive Immunology</i> , 2018, 80, e13030.	1.2	11
25	Using safe, affordable and accessible non-steroidal anti-inflammatory drugs to reduce the number of HIV target cells in the blood and at the female genital tract. <i>Journal of the International AIDS Society</i> , 2018, 21, e25150.	1.2	21
26	Intestinal damage precedes mucosal immune dysfunction in SIV infection. <i>Mucosal Immunology</i> , 2018, 11, 1429-1440.	2.7	46
27	Genital injury signatures and microbiome alterations associated with depot medroxyprogesterone acetate usage and intravaginal drying practices. <i>Journal of Infectious Diseases</i> , 2017, 215, jiw590.	1.9	46
28	Highly Human Immunodeficiency Virus-Exposed Seronegative Men Have Lower Mucosal Innate Immune Reactivity. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 788-795.	0.5	11
29	Vaginal bacteria modify HIV tenofovir microbicide efficacy in African women. <i>Science</i> , 2017, 356, 938-945.	6.0	348
30	Rectal 1% Tenofovir Gel Use Associates with Altered Epidermal Protein Expression. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 1005-1015.	0.5	11
31	In Situ Staining and Laser Capture Microdissection of Lymph Node Residing SIV Gag-Specific CD8+ T cells—A Tool to Interrogate a Functional Immune Response Ex Vivo. <i>PLoS ONE</i> , 2016, 11, e0149907.	1.1	3
32	Microbiome Composition and Function Drives Wound-Healing Impairment in the Female Genital Tract. <i>PLoS Pathogens</i> , 2016, 12, e1005889.	2.1	109
33	Microbial translocation and microbiome dysbiosis in HIV-associated immune activation. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 182-190.	1.5	191
34	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
35	Non-Cationic Proteins Are Associated with HIV Neutralizing Activity in Genital Secretions of Female Sex Workers. <i>PLoS ONE</i> , 2015, 10, e0130404.	1.1	7
36	HIV and mucosal barrier interactions: consequences for transmission and pathogenesis. <i>Current Opinion in Immunology</i> , 2015, 36, 22-30.	2.4	95

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37	Molecular Signatures of Immune Activation and Epithelial Barrier Remodeling Are Enhanced during the Luteal Phase of the Menstrual Cycle: Implications for HIV Susceptibility. <i>Journal of Virology</i> , 2015, 89, 8793-8805.	1.5	45
38	Mucosal effects of tenofovir 1% gel. <i>ELife</i> , 2015, 4, .	2.8	37
39	A Comparative Proteomic Analysis of the Soluble Immune Factor Environment of Rectal and Oral Mucosa. <i>PLoS ONE</i> , 2014, 9, e100820.	1.1	16
40	The Role of Serpin and Cystatin Antiproteases in Mucosal Innate Immunity and their Defense against <scp>HIV</scp>. <i>American Journal of Reproductive Immunology</i> , 2014, 71, 12-23.	1.2	31
41	The Role of Hormones in Natural Protection against HIV-1 in the Kenyan HIV-exposed Seronegative Cohort. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A83-A83.	0.5	0
42	Proteomics Based Methods for Toxicity Monitoring of Rectal Microbicides. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A229-A229.	0.5	1
43	Mucosal Integrity Factors Are Perturbed during Bacterial Vaginosis: A Proteomic Analysis. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A30-A30.	0.5	5
44	Complement Opsonization of HIV-1 Results in Decreased Antiviral and Inflammatory Responses in Immature Dendritic Cells via CR3. <i>Journal of Immunology</i> , 2014, 193, 4590-4601.	0.4	44
45	Mucosal Serpin A1 and A3 Levels in <scp>HIV</scp> Highly Exposed Seroâ€Negative Women are Affected by the Menstrual Cycle and Hormonal Contraceptives but are Independent of Epidemiological Confounders. <i>American Journal of Reproductive Immunology</i> , 2013, 69, 64-72.	1.2	21
46	A Systems Biology Examination of the Human Female Genital Tract Shows Compartmentalization of Immune Factor Expression. <i>Journal of Virology</i> , 2013, 87, 5141-5150.	1.5	30
47	Unbiased Proteomics Analysis Demonstrates Significant Variability in Mucosal Immune Factor Expression Depending on the Site and Method of Collection. <i>PLoS ONE</i> , 2013, 8, e79505.	1.1	24
48	Salivary basic proline-rich proteins are elevated in HIV-exposed seronegative men who have sex with men. <i>Aids</i> , 2012, 26, 1857-1867.	1.0	14
49	Profiling Cervical Lavage Fluid by SELDI-TOF Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2012, 818, 143-152.	0.4	2
50	Systems Biology-Based Approaches to Understand HIV-Exposed Uninfected Women. <i>Current HIV/AIDS Reports</i> , 2010, 7, 53-59.	1.1	14
51	Identification of Differentially Expressed Proteins in the Cervical Mucosa of HIV-1-Resistant Sex Workers. <i>Journal of Proteome Research</i> , 2008, 7, 4446-4454.	1.8	77