

# Florian Hladik

## List of Publications by Year in descending order

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Version: 2024-02-01

73  
papers

4,771  
citations

186265

28  
h-index

98798

67  
g-index

85  
all docs

85  
docs citations

85  
times ranked

6817  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative and stoichiometric analysis of the microRNA content of exosomes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14888-14893.	7.1	880
2	Exosomes in human semen carry a distinctive repertoire of small non-coding RNAs with potential regulatory functions. Nucleic Acids Research, 2014, 42, 7290-7304.	14.5	486
3	Setting the stage: host invasion by HIV. Nature Reviews Immunology, 2008, 8, 447-457.	22.7	456
4	Initial Events in Establishing Vaginal Entry and Infection by Human Immunodeficiency Virus Type-1. Immunity, 2007, 26, 257-270.	14.3	427
5	Persistence of HIV-1 receptor- positive cells after HSV-2 reactivation is a potential mechanism for increased HIV-1 acquisition. Nature Medicine, 2009, 15, 886-892.	30.7	341
6	Virus-specific CD8+ T cells accumulate near sensory nerve endings in genital skin during subclinical HSV-2 reactivation. Journal of Experimental Medicine, 2007, 204, 595-603.	8.5	315
7	HIV infection of the genital mucosa in women. Current HIV/AIDS Reports, 2009, 6, 20-28.	3.1	154
8	Human Immunodeficiency Virus Type 1 Mediates Global Disruption of Innate Antiviral Signaling and Immune Defenses within Infected Cells. Journal of Virology, 2009, 83, 10395-10405.	3.4	121
9	A Phase 1 Randomized, Double Blind, Placebo Controlled Rectal Safety and Acceptability Study of Tenofovir 1% Gel (MTN-007). PLoS ONE, 2013, 8, e60147.	2.5	89
10	Combined Effect of CCR5-Δ32 Heterozygosity and the CCR5 Promoter Polymorphism -2459 A/G on CCR5 Expression and Resistance to Human Immunodeficiency Virus Type 1 Transmission. Journal of Virology, 2005, 79, 11677-11684.	3.4	87
11	Vaginal Langerhans Cells Nonproductively Transporting HIV-1 Mediate Infection of T Cells. Journal of Virology, 2011, 85, 13443-13447.	3.4	85
12	Long-term Effect of Depot Medroxyprogesterone Acetate on Vaginal Microbiota, Epithelial Thickness and HIV Target Cells. Journal of Infectious Diseases, 2014, 210, 651-655.	4.0	82
13	Performance of Swabs, Lavage, and Diluents to Quantify Biomarkers of Female Genital Tract Soluble Mucosal Mediators. PLoS ONE, 2011, 6, e23136.	2.5	77
14	Optimizing Viable Leukocyte Sampling from the Female Genital Tract for Clinical Trials: An International Multi-Site Study. PLoS ONE, 2014, 9, e85675.	2.5	73
15	Preventing mucosal HIV transmission with topical microbicides: Challenges and opportunities. Antiviral Research, 2010, 88, S3-S9.	4.1	70
16	Dendritic Cell-T-Cell Interactions Support Coreceptor-Independent Human Immunodeficiency Virus Type 1 Transmission in the Human Genital Tract. Journal of Virology, 1999, 73, 5833-5842.	3.4	69
17	Comprehensive Assessment of HIV Target Cells in the Distal Human Gut Suggests Increasing HIV Susceptibility Toward the Anus. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 63, 263-271.	2.1	61
18	Most Highly Exposed Seronegative Men Lack HIV-1-Specific, IFN-γ-Secreting T Cells. Journal of Immunology, 2003, 171, 2671-2683.	0.8	57

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19	Repeatâ€Region Polymorphisms in the Gene for the Dendritic Cellâ€Specific Intercellular Adhesion Moleculeâ€3â€Grabbing Nonintegrinâ€Related Molecule: Effects on HIVâ€1 Susceptibility. <i>Journal of Infectious Diseases</i> , 2006, 193, 698-702.	4.0	47
20	Neutralization Takes Precedence Over IgG or IgA Isotype-related Functions in Mucosal HIV-1 Antibody-mediated Protection. <i>EBioMedicine</i> , 2016, 14, 97-111.	6.1	47
21	A highly multiplexed droplet digital PCR assay to measure the intact HIV-1 proviral reservoir. <i>Cell Reports Medicine</i> , 2021, 2, 100243.	6.5	44
22	A study of the osmotic characteristics, water permeability, and cryoprotectant permeability of human vaginal immune cells. <i>Cryobiology</i> , 2016, 72, 93-99.	0.7	37
23	Mucosal effects of tenofovir 1% gel. <i>ELife</i> , 2015, 4, .	6.0	37
24	HIV-1 Specific IgA Detected in Vaginal Secretions of HIV Uninfected Women Participating in a Microbicide Trial in Southern Africa Are Primarily Directed Toward gp120 and gp140 Specificities. <i>PLoS ONE</i> , 2014, 9, e101863.	2.5	36
25	<i>Ex Vivo</i> Comparison of Microbicide Efficacies for Preventing HIV-1 Genomic Integration in Intraepithelial Vaginal Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 763-772.	3.2	35
26	Anti-proliferative therapy for HIV cure: a compound interest approach. <i>Scientific Reports</i> , 2017, 7, 4011.	3.3	35
27	Quantum Dot Labeling and Visualization of Extracellular Vesicles. <i>ACS Applied Nano Materials</i> , 2020, 3, 7211-7222.	5.0	35
28	Immune defence against HIV-1 infection in HIV-1-exposed seronegative persons. <i>Immunology Letters</i> , 2001, 79, 21-27.	2.5	34
29	Temperature-Responsive Magnetic Nanoparticles for Enabling Affinity Separation of Extracellular Vesicles. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 33847-33856.	8.0	31
30	Hybrid nanocarriers incorporating mechanistically distinct drugs for lymphatic CD4 <sup>+</sup> T cell activation and HIV-1 latency reversal. <i>Science Advances</i> , 2019, 5, eaav6322.	10.3	30
31	Vpu-Deficient HIV Strains Stimulate Innate Immune Signaling Responses in Target Cells. <i>Journal of Virology</i> , 2012, 86, 8499-8506.	3.4	28
32	Use of Human Mucosal Tissue to Study HIV-1 Pathogenesis and Evaluate HIV-1 Prevention Modalities. <i>Current HIV/AIDS Reports</i> , 2013, 10, 12-20.	3.1	27
33	Most DC-SIGNR transcripts at mucosal HIV transmission sites are alternatively spliced isoforms. <i>European Journal of Human Genetics</i> , 2005, 13, 707-715.	2.8	25
34	Atopic dermatitis with increased severity along a line of Blaschko. <i>Journal of the American Academy of Dermatology</i> , 2005, 53, S221-S224.	1.2	21
35	The human memory T cell compartment changes across tissues of the female reproductive tract. <i>Mucosal Immunology</i> , 2021, 14, 862-872.	6.0	19
36	Effect of interleukin-3 pretreatment on granulocyte/macrophage colony-stimulating factor induced mobilization of circulating haemopoietic progenitor cells. <i>British Journal of Haematology</i> , 1995, 91, 299-305.	2.5	18

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37	Vaginal innate immune mediators are modulated by a water extract of <i>Houttuynia cordata</i> Thunb. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 183.	3.7	16
38	HIV reservoir quantification using cross-subtype multiplex ddPCR. <i>IScience</i> , 2022, 25, 103615.	4.1	16
39	Extracellular vesicles in human semen modulate antigen-presenting cell function and decrease downstream antiviral T cell responses. <i>PLoS ONE</i> , 2019, 14, e0223901.	2.5	15
40	Cellular immunity and target cell susceptibility in persons with repeated HIV-1 exposure. <i>Immunology Letters</i> , 1999, 66, 15-19.	2.5	14
41	Cryopreservation of human mucosal tissues. <i>PLoS ONE</i> , 2018, 13, e0200653.	2.5	14
42	Cryopreservation of Human Mucosal Leukocytes. <i>PLoS ONE</i> , 2016, 11, e0156293.	2.5	14
43	Determination of the Membrane Permeability to Water of Human Vaginal Mucosal Immune Cells at Subzero Temperatures Using Differential Scanning Calorimetry. <i>Biopreservation and Biobanking</i> , 2016, 14, 307-313.	1.0	12
44	Optimization and comparison of CD4 <sup>+</sup> targeting lipid-polymer hybrid nanoparticles using different binding ligands. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 1177-1188.	4.0	12
45	A pro-inflammatory CD8 <sup>+</sup> T-cell subset patrols the cervicovaginal tract. <i>Mucosal Immunology</i> , 2019, 12, 1118-1129.	6.0	12
46	Effect of Mucosal Cytokine Administration on Selective Expansion of Vaginal Dendritic Cells to Support Nanoparticle Transport. <i>American Journal of Reproductive Immunology</i> , 2015, 74, 333-344.	1.2	10
47	Treatment with Commonly Used Antiretroviral Drugs Induces a Type I/III Interferon Signature in the Gut in the Absence of HIV Infection. <i>Cell Reports Medicine</i> , 2020, 1, 100096.	6.5	10
48	Reliability of Self-Sampling for Accurate Assessment of Respiratory Virus Viral and Immunologic Kinetics. <i>Journal of Infectious Diseases</i> , 2022, 226, 278-286.	4.0	10
49	HIV Type 1 Fails to Trigger Innate Immune Factor Synthesis in Differentiated Oral Epithelium. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 1013-1021.	1.1	9
50	Potent Restriction of Sexual Zika Virus Infection by the Lipid Fraction of Extracellular Vesicles in Semen. <i>Frontiers in Microbiology</i> , 2020, 11, 574054.	3.5	9
51	Mechanisms of Endogenous HIV-1 Reactivation by Endocervical Epithelial Cells. <i>Journal of Virology</i> , 2020, 94, .	3.4	9
52	Buprenorphine Increases HIV-1 Infection In Vitro but Does Not Reactivate HIV-1 from Latency. <i>Viruses</i> , 2021, 13, 1472.	3.3	8
53	HIV reservoir quantification by five-target multiplex droplet digital PCR. <i>STAR Protocols</i> , 2021, 2, 100885.	1.2	8
54	Recombinant HIV-1 Glycoprotein 120 Induces Distinct Types of Delayed Hypersensitivity in Persons With or Without Pre-Existing Immunologic Memory. <i>Journal of Immunology</i> , 2001, 166, 3580-3588.	0.8	6

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55	Impact of the menstrual cycle and ethinyl estradiol/etonogestrel contraceptive vaginal ring on granulysin and other mucosal immune mediators. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13412.	1.2	6
56	Prevalent human papillomavirus infection increases the risk of HIV acquisition in African women: advancing the argument for human papillomavirus immunization. <i>Aids</i> , 2022, 36, 257-265.	2.2	6
57	Can a Topical Microbicide Prevent Rectal HIV Transmission?. <i>PLoS Medicine</i> , 2008, 5, e167.	8.4	5
58	A new hypothesis on HIV cure. <i>F1000Research</i> , 2015, 4, 77.	1.6	4
59	A review of ex vivo placental perfusion models: an underutilized but promising method to study maternal-fetal interactions. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2022, 35, 8823-8835.	1.5	4
60	Impaired Viral Entry Cannot Explain Reduced CD4 <sup>+</sup> T Cell Susceptibility to HIV Type 1 in Certain Highly Exposed Individuals. <i>AIDS Research and Human Retroviruses</i> , 2008, 24, 1415-1427.	1.1	3
61	HIV risk associated with serum medroxyprogesterone acetate levels among women in East and southern Africa. <i>Aids</i> , 2019, 33, 735-744.	2.2	3
62	Innate immune regulation in HIV latency models. <i>Retrovirology</i> , 2022, 19, .	2.0	3
63	IL-2, IL-3, and IFN-gamma differently affect in vivo frequencies of circulating precursors of cytotoxic T lymphocytes (CTL-p). <i>Annals of Hematology</i> , 1993, 67, 67-74.	1.8	2
64	HSV-2 Infection Enhances Zika Virus Infection of Primary Genital Epithelial Cells Independently of the Known Zika Virus Receptor AXL. <i>Frontiers in Microbiology</i> , 2021, 12, 825049.	3.5	2
65	Characterization of Immune Cells in Oral Tissues of Non-human Primates. <i>Frontiers in Oral Health</i> , 2021, 2, 821812.	3.0	2
66	Proteomics Based Methods for Toxicity Monitoring of Rectal Microbicides. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, A229-A229.	1.1	1
67	Flt3-L enhances trans-epithelial migration and antigen presentation of dendritic cells adoptively transferred to genital mucosa. <i>Journal of Controlled Release</i> , 2021, 329, 782-793.	9.9	1
68	Permeation kinetics of dimethyl sulfoxide in human vaginal mucosal tissues. <i>Cryobiology</i> , 2015, 71, 559.	0.7	0
69	Abstract 1118: Circulating microRNA biomarkers for cancer exist in multiple biophysical states.. , 2013, , .		0
70	Title is missing!. , 2019, 14, e0223901.		0
71	Title is missing!. , 2019, 14, e0223901.		0
72	Title is missing!. , 2019, 14, e0223901.		0

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73	Title is missing!. , 2019, 14, e0223901.		0