

Nichole R Klatt

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,697
citations

201674

27
h-index

144013

57
g-index

68
all docs

68
docs citations

68
times ranked

5129
citing authors

#	ARTICLE	IF	CITATIONS
1	Damaged Intestinal Epithelial Integrity Linked to Microbial Translocation in Pathogenic Simian Immunodeficiency Virus Infections. <i>PLoS Pathogens</i> , 2010, 6, e1001052.	4.7	407
2	Vaginal bacteria modify HIV tenofovir microbicide efficacy in African women. <i>Science</i> , 2017, 356, 938-945.	12.6	348
3	Immune activation and HIV persistence: implications for curative approaches to HIV infection. <i>Immunological Reviews</i> , 2013, 254, 326-342.	6.0	334
4	Residual Immune Dysregulation Syndrome in Treated HIV infection. <i>Advances in Immunology</i> , 2013, 119, 51-83.	2.2	295
5	Microbial translocation, immune activation, and HIV disease. <i>Trends in Microbiology</i> , 2013, 21, 6-13.	7.7	289
6	Microbial translocation and microbiome dysbiosis in HIV-associated immune activation. <i>Current Opinion in HIV and AIDS</i> , 2016, 11, 182-190.	3.8	191
7	The Evolving Facets of Bacterial Vaginosis: Implications for HIV Transmission. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 219-228.	1.1	188
8	Probiotic/prebiotic supplementation of antiretrovirals improves gastrointestinal immunity in SIV-infected macaques. <i>Journal of Clinical Investigation</i> , 2013, 123, 903-7.	8.2	135
9	Th17 cell dynamics in HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2010, 5, 135-140.	3.8	114
10	Microbiome Composition and Function Drives Wound-Healing Impairment in the Female Genital Tract. <i>PLoS Pathogens</i> , 2016, 12, e1005889.	4.7	109
11	HIV and mucosal barrier interactions: consequences for transmission and pathogenesis. <i>Current Opinion in Immunology</i> , 2015, 36, 22-30.	5.5	95
12	Heavy Cannabis Use Associated With Reduction in Activated and Inflammatory Immune Cell Frequencies in Antiretroviral Therapy-Treated Human Immunodeficiency Virus-Infected Individuals. <i>Clinical Infectious Diseases</i> , 2018, 66, 1872-1882.	5.8	85
13	Effects of Fecal Microbial Transplantation on Microbiome and Immunity in Simian Immunodeficiency Virus-Infected Macaques. <i>Journal of Virology</i> , 2016, 90, 4981-4989.	3.4	79
14	Limited HIV Infection of Central Memory and Stem Cell Memory CD4+ T Cells Is Associated with Lack of Progression in Viremic Individuals. <i>PLoS Pathogens</i> , 2014, 10, e1004345.	4.7	76
15	Impact of antiretroviral drugs on the microbiome. <i>Current Opinion in HIV and AIDS</i> , 2018, 13, 53-60.	3.8	74
16	Hypercytotoxicity and Rapid Loss of NKp44+ Innate Lymphoid Cells during Acute SIV Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004551.	4.7	58
17	Low nadir CD4+ T-cell counts predict gut dysbiosis in HIV-1 infection. <i>Mucosal Immunology</i> , 2019, 12, 232-246.	6.0	56
18	Dynamics of Simian Immunodeficiency Virus SIVmac239 Infection in Pigtail Macaques. <i>Journal of Virology</i> , 2012, 86, 1203-1213.	3.4	55

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19	Nonpathogenic Simian Immunodeficiency Virus Infections. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a007153-a007153.	6.2	55
20	Enhancement of Microbiota in Healthy Macaques Results in Beneficial Modulation of Mucosal and Systemic Immune Function. Journal of Immunology, 2016, 196, 2401-2409.	0.8	48
21	Intestinal damage precedes mucosal immune dysfunction in SIV infection. Mucosal Immunology, 2018, 11, 1429-1440.	6.0	46
22	SIV infection of rhesus macaques results in dysfunctional T- and B-cell responses to neo and recall Leishmania major vaccination. Blood, 2011, 118, 5803-5812.	1.4	45
23	The Dual Role of Neutrophils in HIV Infection. Current HIV/AIDS Reports, 2018, 15, 1-10.	3.1	38
24	Early cellular innate immune responses drive Zika viral persistence and tissue tropism in pigtail macaques. Nature Communications, 2018, 9, 3371.	12.8	38
25	Rate of AIDS Progression Is Associated with Gastrointestinal Dysfunction in Simian Immunodeficiency Virus-Infected Pigtail Macaques. Journal of Immunology, 2013, 190, 2959-2965.	0.8	37
26	Metformin and Covid-19: Focused Review of Mechanisms and Current Literature Suggesting Benefit. Frontiers in Endocrinology, 2021, 12, 587801.	3.5	35
27	Translocated microbiome composition determines immunological outcome in treated HIV infection. Cell, 2021, 184, 3899-3914.e16.	28.9	35
28	CMV Primes Functional Alternative Signaling in Adaptive $\gamma\delta$ NK Cells but Is Subverted by Lentivirus Infection in Rhesus Macaques. Cell Reports, 2018, 25, 2766-2774.e3.	6.4	32
29	SIV-induced Translocation of Bacterial Products in the Liver Mobilizes Myeloid Dendritic and Natural Killer Cells Associated With Liver Damage. Journal of Infectious Diseases, 2016, 213, 361-369.	4.0	29
30	Simian-Human Immunodeficiency Virus SHIV.CH505 Infection of Rhesus Macaques Results in Persistent Viral Replication and Induces Intestinal Immunopathology. Journal of Virology, 2019, 93, .	3.4	27
31	Quantitative modeling predicts mechanistic links between pre-treatment microbiome composition and metronidazole efficacy in bacterial vaginosis. Nature Communications, 2020, 11, 6147.	12.8	24
32	CD4 ⁺ T Cells and HIV: A Paradoxical Pas de Deux. Science Translational Medicine, 2012, 4, 123ps4.	12.4	23
33	Antibiotic-induced microbiome perturbations are associated with significant alterations to colonic mucosal immunity in rhesus macaques. Mucosal Immunology, 2020, 13, 471-480.	6.0	20
34	Recurrent bacterial vaginosis following metronidazole treatment is associated with microbiota richness at diagnosis. American Journal of Obstetrics and Gynecology, 2022, 226, 225.e1-225.e15.	1.3	20
35	Impact of vaginal microbiome communities on HIV antiretroviral-based pre-exposure prophylaxis (PrEP) drug metabolism. PLoS Pathogens, 2020, 16, e1009024.	4.7	17
36	Vaccination Against SARS-CoV-2 Is Associated With a Lower Viral Load and Likelihood of Systemic Symptoms. Open Forum Infectious Diseases, 2022, 9, ofac066.	0.9	17

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37	Brief Report: Hazardous Cannabis Use and Monocyte Activation Among Methamphetamine Users With Treated HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 81, 361-364.	2.1	12
38	Sex Work Is Associated With Increased Vaginal Microbiome Diversity in Young Women From Mombasa, Kenya. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 85, 79-87.	2.1	10
39	Syndemics and preexposure prophylaxis are independently associated with rectal immune dysregulation in sexual minority men. <i>Aids</i> , 2021, 35, 1295-1300.	2.2	10
40	Antibiotic treatment disrupts bacterial communities in the colon and rectum of simian immunodeficiency virus-infected macaques. <i>FEMS Microbiology Letters</i> , 2017, 364, .	1.8	9
41	Microbial mismanagement: how inadequate treatments for vaginal dysbiosis drive the HIV epidemic in women. <i>Seminars in Immunology</i> , 2021, 51, 101482.	5.6	9
42	Association of Age-related Macular Degeneration With Mortality in Patients With Acquired Immunodeficiency Syndrome; Role of Systemic Inflammation. <i>American Journal of Ophthalmology</i> , 2019, 199, 230-237.	3.3	8
43	<i>In Vitro</i> Exposure of Leukocytes to HIV Preexposure Prophylaxis Decreases Mitochondrial Function and Alters Gene Expression Profiles. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 65, .	3.2	8
44	Homeostatic Cytokines Induce CD4 Downregulation in African Green Monkeys Independently of Antigen Exposure To Generate Simian Immunodeficiency Virus-Resistant CD8 ⁺ T Cells. <i>Journal of Virology</i> , 2014, 88, 10714-10724.	3.4	7
45	Laparoscopic Technique for Serial Collection of Liver and Mesenteric Lymph Nodes in Macaques. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	7
46	Effects of persistent modulation of intestinal microbiota on SIV/HIV vaccination in rhesus macaques. <i>Npj Vaccines</i> , 2021, 6, 34.	6.0	7
47	Exogenous lipase administration alters gut microbiota composition and ameliorates Alzheimer's disease-like pathology in APP/PS1 mice. <i>Scientific Reports</i> , 2022, 12, 4797.	3.3	6
48	Probiotic supplementation reduces inflammatory profiles but does not prevent oral immune perturbations during SIV infection. <i>Scientific Reports</i> , 2021, 11, 14507.	3.3	5
49	A Syndemic Approach to Explore Factors Associated with Bacterial Vaginosis. <i>AIDS and Behavior</i> , 2022, 26, 3110-3118.	2.7	4
50	Microbial Effects on Immunity in HIV: Virus, Gender or Sexual Preference Induced?. <i>EBioMedicine</i> , 2018, 31, 7-8.	6.1	3
51	<i>Candida rugosa</i> lipase alters the gastrointestinal environment in wild-type mice. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110579.	5.6	3
52	Liver Bacterial Dysbiosis With Non-Tuberculosis Mycobacteria Occurs in SIV-Infected Macaques and Persists During Antiretroviral Therapy. <i>Frontiers in Immunology</i> , 2021, 12, 793842.	4.8	3
53	A Summary of the Fifth Annual Virology Education HIV Microbiome Workshop. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 886-895.	1.1	2
54	SIV susceptibility, immunology and microbiome in the female genital tract of adolescent versus adult pigtail macaques. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 510-522.	1.1	2

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55	Analysis of the In Vivo Turnover of CD4+ T-Cell Subsets in Chronically SIV-Infected Sooty Mangabeys. PLoS ONE, 2016, 11, e0156352.	2.5	2
56	Altered Innate Immunity and Damaged Epithelial Integrity in Vaginal Microbial Dysbiosis. Frontiers in Reproductive Health, 0, 4, .	1.9	2
57	MicroRNAs. Aids, 2017, 31, 2017-2018.	2.2	0
58	Timothy Ray Brown: The Serendipitous Hero of HIV Cure Research. AIDS Research and Human Retroviruses, 2020, 36, 883-885.	1.1	0