

# Colleen F Kelley

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

5,838  
citations

136885

32  
h-index

88593

70  
g-index

87  
all docs

87  
docs citations

87  
times ranked

8885  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2022, 375, 43-50.  | 6.0  | 788       |
| 2  | The Transgenic RNAi Project at Harvard Medical School: Resources and Validation. <i>Genetics</i> , 2015, 201, 843-852.  | 1.2  | 502       |
| 3  | Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 1372-1377.  | 6.0  | 459       |
| 4  | Cabotegravir for HIV Prevention in Cisgender Men and Transgender Women. <i>New England Journal of Medicine</i> , 2021, 385, 595-608.  | 13.9 | 359       |
| 5  | Incomplete Peripheral CD4 <sup>+</sup> Cell Count Restoration in HIV-Infected Patients Receiving Long-Term Antiretroviral Treatment. <i>Clinical Infectious Diseases</i> , 2009, 48, 787-794.   | 2.9  | 329       |
| 6  | The safety, immunogenicity, and acceptability of inactivated influenza vaccine delivered by microneedle patch (TIV-MNP 2015): a randomised, partly blinded, placebo-controlled, phase 1 trial. <i>Lancet, The</i> , 2017, 390, 649-658. | 6.3  | 309       |
| 7  | Applying a PrEP Continuum of Care for Men Who Have Sex With Men in Atlanta, Georgia. <i>Clinical Infectious Diseases</i> , 2015, 61, 1590-1597.   | 2.9  | 253       |
| 8  | Safety, tolerability, and immunogenicity of two Zika virus DNA vaccine candidates in healthy adults: randomised, open-label, phase 1 clinical trials. <i>Lancet, The</i> , 2018, 391, 552-562.  | 6.3  | 235       |
| 9  | Explaining racial disparities in HIV incidence in black and white men who have sex with men in Atlanta, GA: a prospective observational cohort study. <i>Annals of Epidemiology</i> , 2015, 25, 445-454.                                | 0.9  | 199       |
| 10 | Understanding Racial HIV/STI Disparities in Black and White Men Who Have Sex with Men: A Multilevel Approach. <i>PLoS ONE</i> , 2014, 9, e90514.  | 1.1  | 192       |
| 11 | Immune correlates analysis of the mRNA-1273 COVID-19 vaccine efficacy clinical trial. <i>Science</i> , 2021, , eab3435.   | 6.0  | 145       |
| 12 | Coronavirus Disease 2019 (COVID-19) Vaccines and Pregnancy. <i>Obstetrics and Gynecology</i> , 2021, 137, 408-414.  | 1.2  | 138       |
| 13 | A Regulatory Network of <i>Drosophila</i> Germline Stem Cell Self-Renewal. <i>Developmental Cell</i> , 2014, 28, 459-473.   | 3.1  | 128       |
| 14 | Identification of potential drug targets for tuberous sclerosis complex by synthetic screens combining CRISPR-based knockouts with RNAi. <i>Science Signaling</i> , 2015, 8, rs9.   | 1.6  | 113       |
| 15 | Challenges in Translating PrEP Interest Into Uptake in an Observational Study of Young Black MSM. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 76, 250-258.  | 0.9  | 111       |
| 16 | Pre-exposure Prophylaxis Uptake and Discontinuation Among Young Black Men Who Have Sex With Men in Atlanta, Georgia: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2020, 71, 574-582.                               | 2.9  | 86        |
| 17 | The Comparability of Men Who Have Sex With Men Recruited From Venue-Time-Space Sampling and Facebook: A Cohort Study. <i>JMIR Research Protocols</i> , 2014, 3, e37.  | 0.5  | 83        |
| 18 | The Effect of High Rates of Bacterial Sexually Transmitted Infections on HIV Incidence in a Cohort of Black and White Men Who Have Sex with Men in Atlanta, Georgia. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 587-592.   | 0.5  | 80        |

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|----|--|-----|-----------|
| 19 | Detection of SARS-CoV-2 RNA and Antibodies in Diverse Samples: Protocol to Validate the Sufficiency of Provider-Observed, Home-Collected Blood, Saliva, and Oropharyngeal Samples. <i>JMIR Public Health and Surveillance</i> , 2020, 6, e19054. | 1.2 | 74        |
| 20 | The Relation Between Symptoms, Viral Load, and Viral Load Set Point in Primary HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2007, 45, 445-448.  | 0.9 | 70        |
| 21 | Heterogeneity of HIV Prevalence Among the Sexual Networks of Black and White Men Who Have Sex With Men in Atlanta. <i>Sexually Transmitted Diseases</i> , 2015, 42, 505-512.   | 0.8 | 70        |
| 22 | Trends in Hospitalizations for AIDS-Associated <i>Pneumocystis jirovecii</i> Pneumonia in the United States (1986 to 2005). <i>Chest</i> , 2009, 136, 190-197.   | 0.4 | 65        |
| 23 | HIV-1 RNA Rectal Shedding Is Reduced in Men With Low Plasma HIV-1 RNA Viral Loads and Is Not Enhanced by Sexually Transmitted Bacterial Infections of the Rectum. <i>Journal of Infectious Diseases</i> , 2011, 204, 761-767.                    | 1.9 | 65        |
| 24 | Evidence of persistent low-level viremia in long-term HAART-suppressed, HIV-infected individuals. <i>Aids</i> , 2010, 24, 2535-2539.   | 1.0 | 61        |
| 25 | Measuring Population Transmission Risk for HIV: An Alternative Metric of Exposure Risk in Men Who Have Sex with Men (MSM) in the US. <i>PLoS ONE</i> , 2012, 7, e53284.  | 1.1 | 60        |
| 26 | Beyond the Biomedical: Preexposure Prophylaxis Failures in a Cohort of Young Black Men Who Have Sex With Men in Atlanta, Georgia. <i>Clinical Infectious Diseases</i> , 2018, 67, 965-970.   | 2.9 | 57        |
| 27 | Lenzilumab in hospitalised patients with COVID-19 pneumonia (LIVE-AIR): a phase 3, randomised, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2022, 10, 237-246.   | 5.2 | 50        |
| 28 | Asthma Phenotypes, Risk Factors, and Measures of Severity in a National Sample of US Children. <i>Pediatrics</i> , 2005, 115, 726-731.   | 1.0 | 43        |
| 29 | An Electronic Pre-Exposure Prophylaxis Initiation and Maintenance Home Care System for Nonurban Young Men Who Have Sex With Men: Protocol for a Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019, 8, e13982.                   | 0.5 | 41        |
| 30 | Lack of Awareness of Human Immunodeficiency Virus (HIV) Infection: Problems and Solutions With Self-reported HIV Serostatus of Men Who Have Sex With Men. <i>Open Forum Infectious Diseases</i> , 2014, 1, ofu084.                               | 0.4 | 38        |
| 31 | Clinical characteristics, comorbidities and outcomes among persons with HIV hospitalized with coronavirus disease 2019 in Atlanta, Georgia. <i>Aids</i> , 2020, 34, 1789-1794.   | 1.0 | 38        |
| 32 | PrEP Implementation and Persistence in a County Health Department Setting in Atlanta, GA. <i>AIDS and Behavior</i> , 2019, 23, 296-303.  | 1.4 | 37        |
| 33 | Protocol for a national probability survey using home specimen collection methods to assess prevalence and incidence of SARS-CoV-2 infection and antibody response. <i>Annals of Epidemiology</i> , 2020, 49, 50-60.                             | 0.9 | 36        |
| 34 | Willingness to use pre-exposure prophylaxis among Black and White men who have sex with men in Atlanta, Georgia. <i>International Journal of STD and AIDS</i> , 2017, 28, 849-857.   | 0.5 | 35        |
| 35 | Disseminated <i>Mycobacterium haemophilum</i> infection. <i>Lancet Infectious Diseases</i> , 2011, 11, 571-578.  | 4.6 | 31        |
| 36 | An application of propensity score weighting to quantify the causal effect of rectal sexually transmitted infections on incident HIV among men who have sex with men. <i>BMC Medical Research Methodology</i> , 2015, 15, 25.                    | 1.4 | 31        |

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|----|---|-----|-----------|
| 37 | Contrasting Self-Perceived Need and Guideline-Based Indication for HIV Pre-Exposure Prophylaxis Among Young, Black Men Who Have Sex with Men Offered Pre-Exposure Prophylaxis in Atlanta, Georgia. <i>AIDS Patient Care and STDs</i> , 2019, 33, 112-119.                     | 1.1 | 31        |
| 38 | Disparity in Quality of Infectious Disease vs Addiction Care Among Patients With Injection Drug Use-associated <i>Staphylococcus aureus</i> Bacteremia. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz289.  | 0.4 | 26        |
| 39 | Understanding disparities in viral suppression among Black MSM living with HIV in Atlanta Georgia. <i>Journal of the International AIDS Society</i> , 2021, 24, e25689.   | 1.2 | 22        |
| 40 | Lack of health insurance is associated with delays in PrEP initiation among young black men who have sex with men in Atlanta, US: a longitudinal cohort study. <i>Journal of the International AIDS Society</i> , 2019, 22, e25399.   | 1.2 | 19        |
| 41 | Social Discrimination and Resiliency Are Not Associated With Differences in Prevalent HIV Infection in Black and White Men Who Have Sex With Men. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 66, 538-543.  | 0.9 | 17        |
| 42 | Prevalence of Urethral <i>Trichomonas vaginalis</i> in Black and White Men Who Have Sex With Men. <i>Sexually Transmitted Diseases</i> , 2012, 39, 739.   | 0.8 | 16        |
| 43 | Repeated rectal application of a hyperosmolar lubricant is associated with microbiota shifts but does not affect PrEP drug concentrations: results from a randomized trial in men who have sex with men. <i>Journal of the International AIDS Society</i> , 2018, 21, e25199. | 1.2 | 13        |
| 44 | Brief Report: Urine Emtricitabine and Tenofovir Concentrations Provide Markers of Recent Antiretroviral Drug Exposure Among HIV-Negative Men Who Have Sex With Men. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 252-256.                        | 0.9 | 12        |
| 45 | Gaps in Sexually Transmitted Infection Screening Among Men who Have Sex with Men in Pre-exposure Prophylaxis (PrEP) Care in the United States. <i>Clinical Infectious Diseases</i> , 2021, 73, e2261-e2269.   | 2.9 | 12        |
| 46 | Single oral dose for HIV pre or post-exposure prophylaxis: user desirability and biological efficacy in macaques. <i>EBioMedicine</i> , 2020, 58, 102894.   | 2.7 | 12        |
| 47 | Short Communication: Anatomic Site of Sampling and the Rectal Mucosal Microbiota in HIV Negative Men Who Have Sex with Men Engaging in Condomless Receptive Anal Intercourse. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 277-281.                                | 0.5 | 10        |
| 48 | Differences in expression of gut-homing receptors on CD4+ T cells in black and white HIV-negative men who have sex with men. <i>Aids</i> , 2016, 30, 1305-1308.   | 1.0 | 9         |
| 49 | Not a Disease of the Past: A Case Series of Progressive Multifocal Leukoencephalopathy in the Established Antiretroviral Era. <i>AIDS Research and Human Retroviruses</i> , 2019, 35, 544-552.  | 0.5 | 9         |
| 50 | Lack of effect of compartmentalized drug resistance mutations on HIV-1 pol divergence in antiretroviral-experienced women. <i>Aids</i> , 2010, 24, 1361-1366.   | 1.0 | 9         |
| 51 | Update on immune reconstitution inflammatory syndrome: Progress and unanswered questions. <i>Current Infectious Disease Reports</i> , 2009, 11, 486-493.  | 1.3 | 8         |
| 52 | Improved detection of synthetic lethal interactions in <i>Drosophila</i> cells using variable dose analysis (VDA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10755-E10762.   | 3.3 | 8         |
| 53 | Levels of clinical condom failure for anal sex: A randomized cross-over trial. <i>EClinicalMedicine</i> , 2019, 17, 100199.   | 3.2 | 8         |
| 54 | From declining PrEP to PrEP initiation as "first nature" what changes PrEP initiation decisions among young, Black MSM. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2022, 34, 284-293.   | 0.6 | 8         |

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|----|---|-----|-----------|
| 55 | Disparities in herpes simplex virus type 2 infection between black and white men who have sex with men in Atlanta, GA. <i>International Journal of STD and AIDS</i> , 2015, 26, 740-745.  | 0.5 | 7         |
| 56 | “Cure” Versus “Clinical Remission”: The Impact of a Medication Description on the Willingness of People Living with HIV to Take a Medication. <i>AIDS and Behavior</i> , 2020, 24, 2054-2061.   | 1.4 | 7         |
| 57 | Disparities in Care Outcomes in Atlanta Between Black and White Men Who Have Sex With Men Living With HIV: Protocol for a Prospective Cohort Study (Engage[men]t). <i>JMIR Research Protocols</i> , 2021, 10, e21985.   | 0.5 | 7         |
| 58 | Use of a Prospective Sex Diary to Study Anal Lubricant and Enema Use Among High Risk Men Who Have Sex With Men—Implications for Human Immunodeficiency Virus Prevention. <i>Sexually Transmitted Diseases</i> , 2016, 43, 476-478.                              | 0.8 | 6         |
| 59 | Distribution of Functional CD4 and CD8 T cell Subsets in Blood and Rectal Mucosal Tissues. <i>Scientific Reports</i> , 2019, 9, 6951.   | 1.6 | 6         |
| 60 | Human Immunodeficiency Virus in Transgender Persons. <i>Endocrinology and Metabolism Clinics of North America</i> , 2019, 48, 453-464.  | 1.2 | 5         |
| 61 | Short Communication: Transgender Women on Feminizing Hormone Therapy Demonstrate a Distinct Rectal Mucosal Transcriptome from Cisgender Men. <i>AIDS Research and Human Retroviruses</i> , 2020, 36, 771-774.   | 0.5 | 5         |
| 62 | Antiretroviral drug exposure in urethral and glans surface sampling of the penis. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 2368-2374.   | 1.3 | 5         |
| 63 | Double-Blind, Single-Center, Randomized Three-Way Crossover Trial of Fitted, Thin, and Standard Condoms for Vaginal and Anal Sex: C-PLEASURE Study Protocol and Baseline Data. <i>JMIR Research Protocols</i> , 2019, 8, e12205.                                | 0.5 | 5         |
| 64 | Ex vivo rectal explant model reveals potential opposing roles of Natural Killer cells and Marginal Zone-like B cells in HIV-1 infection. <i>Scientific Reports</i> , 2020, 10, 20154.   | 1.6 | 4         |
| 65 | Duration of Cellular and Humoral Responses after Quadrivalent Human Papillomavirus Vaccination in Healthy Female Adults with or without Prior Type 16 and/or 18 Exposure. <i>Vaccines</i> , 2020, 8, 348.   | 2.1 | 4         |
| 66 | Is the United States Ready for Event-Driven Human Immunodeficiency Virus Preexposure Prophylaxis?. <i>Clinical Infectious Diseases</i> , 2020, 71, 256-258.   | 2.9 | 3         |
| 67 | Condomless receptive anal intercourse is associated with markers of mucosal inflammation in a cohort of men who have sex with men in Atlanta, Georgia. <i>Journal of the International AIDS Society</i> , 2021, 24, e25859.                                     | 1.2 | 3         |
| 68 | Seroadaptive Strategy Patterns of Young Black Gay, Bisexual, and Other Men Who Have Sex with Men in Atlanta, Georgia. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, Publish Ahead of Print, 40-48.                                      | 0.9 | 2         |
| 69 | Utility of a US Food and Drug Administration (FDA) label indication for condoms for anal sex. <i>Sexual Health</i> , 2020, 17, 91.  | 0.4 | 2         |
| 70 | Occam's Razor Need Not Apply: A Case of Concurrent Cryptococcal Meningitis and Primary Central Nervous System Lymphoma in an Human Immunodeficiency Virus/Acquired Immune Deficiency Syndrome Patient. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofv187. | 0.4 | 1         |
| 71 | What's™ Hot in HIV in 2019—A Basic and Translational Science Summary for Clinicians From IDWeek 2019. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa053.   | 0.4 | 1         |
| 72 | Evaluation of Antiretroviral Drug Concentrations in Minimally Invasive Specimens for Potential Development of Point-of-Care Drug Assays. <i>AIDS Research and Human Retroviruses</i> , 2021, 37, 744-747.   | 0.5 | 1         |

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|----|---|-----|-----------|
| 73 | Circulating integrin $\alpha 4 \beta 7$ CD4 T cells are enriched for proliferative transcriptional programs in HIV infection. FEBS Letters, 2021, 595, 2257-2270.                       | 1.3 | 1         |
| 74 | AIDSVAX protein boost improves breadth and magnitude of vaccine-induced HIV-1 envelope-specific responses after a 7-year rest period. Vaccine, 2021, 39, 4641-4650.                     | 1.7 | 1         |
| 75 | C-REACTIVE PROTEIN AS A BIOMARKER FOR IMPROVED EFFICACY OF LENZILUMAB IN PATIENTS WITH COVID-19: RESULTS FROM THE LIVE-AIR TRIAL. Chest, 2021, 160, A2522-A2524.                        | 0.4 | 1         |
| 76 | 2262. Not a Disease of the Past: A Case Series of Progressive Multifocal Leukoencephalopathy in the Established Antiretroviral Era. Open Forum Infectious Diseases, 2018, 5, S669-S669. | 0.4 | 0         |
| 77 | 1020. Injection Drug Use-Associated Staphylococcus aureus Bacteremia in a Large Urban Hospital in Atlanta, Georgia. Open Forum Infectious Diseases, 2018, 5, S304-S304.                 | 0.4 | 0         |
| 78 | Implementation of HIV Preexposure Prophylaxis in Diverse, Real-World Settings. JAMA Network Open, 2022, 5, e2148794.  | 2.8 | 0         |