

# Gregory D Kirk

## List of Publications by Year in descending order

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110  
papers

4,973  
citations

159585

30  
h-index

102487

66  
g-index

116  
all docs

116  
docs citations

116  
times ranked

7974  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate partnership of HLA-B and KIR3DL1 subtypes against HIV-1. <i>Nature Genetics</i> , 2007, 39, 733-740.	21.4	691
2	Short Physical Performance Battery and all-cause mortality: systematic review and meta-analysis. <i>BMC Medicine</i> , 2016, 14, 215.	5.5	534
3	HIV Infection Is Associated with an Increased Risk for Lung Cancer, Independent of Smoking. <i>Clinical Infectious Diseases</i> , 2007, 45, 103-110.	5.8	336
4	Limited Uptake of Hepatitis C Treatment Among Injection Drug Users. <i>Journal of Community Health</i> , 2008, 33, 126-133.	3.8	306
5	HIV, Age, and the Severity of Hepatitis C Virus-Related Liver Disease. <i>Annals of Internal Medicine</i> , 2013, 158, 658.	3.9	156
6	Polymorphisms of large effect explain the majority of the host genetic contribution to variation of HIV-1 virus load. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14658-14663.	7.1	154
7	Assessment of Liver Fibrosis by Transient Elastography in Persons with Hepatitis C Virus Infection or HIV-Hepatitis C Virus Coinfection. <i>Clinical Infectious Diseases</i> , 2009, 48, 963-972.	5.8	134
8	Frailty, HIV Infection, and Mortality in an Aging Cohort of Injection Drug Users. <i>PLoS ONE</i> , 2013, 8, e54910.	2.5	128
9	Exosome markers associated with immune activation and oxidative stress in HIV patients on antiretroviral therapy. <i>Scientific Reports</i> , 2018, 8, 7227.	3.3	110
10	Molecular epidemiology of human liver cancer: insights into etiology, pathogenesis and prevention from The Gambia, West Africa. <i>Carcinogenesis</i> , 2006, 27, 2070-2082.	2.8	109
11	Associations between HIV infection and clinical spectrum of COVID-19: a population level analysis based on US National COVID Cohort Collaborative (N3C) data. <i>Lancet HIV</i> , 2021, 8, e690-e700.	4.7	106
12	Contributions of traditional and HIV-related risk factors on non-AIDS-defining cancer, myocardial infarction, and end-stage liver and renal diseases in adults with HIV in the USA and Canada: a collaboration of cohort studies. <i>Lancet HIV</i> , 2019, 6, e93-e104.	4.7	94
13	Longitudinal changes in engagement in care and viral suppression for HIV-infected injection drug users. <i>Aids</i> , 2013, 27, 2559-2566.	2.2	90
14	CCR5AS lncRNA variation differentially regulates CCR5, influencing HIV disease outcome. <i>Nature Immunology</i> , 2019, 20, 824-834.	14.5	87
15	LILRB2 Interaction with HLA Class I Correlates with Control of HIV-1 Infection. <i>PLoS Genetics</i> , 2014, 10, e1004196.	3.5	83
16	HIV Infection, Immune Suppression, and Uncontrolled Viremia Are Associated With Increased Multimorbidity Among Aging Injection Drug Users. <i>Clinical Infectious Diseases</i> , 2011, 53, 1256-1264.	5.8	81
17	HIV-associated obstructive lung diseases: insights and implications for the clinician. <i>Lancet Respiratory Medicine</i> , 2014, 2, 583-592.	10.7	78
18	Frailty, Inflammation, and Mortality Among Persons Aging With HIV Infection and Injection Drug Use. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1542-1547.	3.6	76

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19	Feasibility and Acceptability of Smartphone-Based Ecological Momentary Assessment of Alcohol Use Among African American Men Who Have Sex With Men in Baltimore. <i>JMIR MHealth and UHealth</i> , 2015, 3, e67.	3.7	75
20	KIR2DL2 Enhances Protective and Detrimental HLA Class I-Mediated Immunity in Chronic Viral Infection. <i>PLoS Pathogens</i> , 2011, 7, e1002270.	4.7	67
21	Performance of a Limiting-Antigen Avidity Enzyme Immunoassay for Cross-Sectional Estimation of HIV Incidence in the United States. <i>PLoS ONE</i> , 2013, 8, e82772.	2.5	57
22	HIV Impairs Lung Epithelial Integrity and Enters the Epithelium to Promote Chronic Lung Inflammation. <i>PLoS ONE</i> , 2016, 11, e0149679.	2.5	55
23	Acceptability of a mobile health intervention to enhance HIV care coordination for patients with substance use disorders. <i>Addiction Science &amp; Clinical Practice</i> , 2017, 12, 11.	2.6	55
24	HLA tapasin independence: broader peptide repertoire and HIV control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28232-28238.	7.1	51
25	HIV Infection in the Etiology of Lung Cancer: Confounding, Causality, and Consequences. <i>Proceedings of the American Thoracic Society</i> , 2011, 8, 326-332.	3.5	50
26	Nonstructured Treatment Interruptions Among Injection Drug Users in Baltimore, MD. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2009, 50, 360-366.	2.1	49
27	Inhibitory killer cell immunoglobulin-like receptors strengthen CD8 <sup>+</sup> T cell-mediated control of HIV-1, HCV, and HTLV-1. <i>Science Immunology</i> , 2018, 3, .	11.9	43
28	The health and social consequences during the initial period of the COVID-19 pandemic among current and former people who inject drugs: A rapid phone survey in Baltimore, Maryland. <i>Drug and Alcohol Dependence</i> , 2021, 221, 108584.	3.2	42
29	Incarceration and injection drug use in Baltimore, Maryland. <i>Addiction</i> , 2015, 110, 1152-1159.	3.3	41
30	Capturing illicit drug use where and when it happens: an ecological momentary assessment of the social, physical and activity environment of using versus craving illicit drugs. <i>Addiction</i> , 2015, 110, 315-325.	3.3	38
31	Ecological Momentary Assessment of Illicit Drug Use Compared to Biological and Self-Reported Methods. <i>JMIR MHealth and UHealth</i> , 2016, 4, e27.	3.7	34
32	Cross-clade simultaneous HIV drug resistance genotyping for reverse transcriptase, protease, and integrase inhibitor mutations by Illumina MiSeq. <i>Retrovirology</i> , 2014, 11, 122.	2.0	32
33	Multi-Ancestry Genome-Wide Association Study of Spontaneous Clearance of Hepatitis C Virus. <i>Gastroenterology</i> , 2019, 156, 1496-1507.e7.	1.3	32
34	Recent fentanyl use among people who inject drugs: Results from a rapid assessment in Baltimore, Maryland. <i>International Journal of Drug Policy</i> , 2019, 74, 41-46.	3.3	30
35	Frailty Is Associated With Mortality and Incident Comorbidity Among Middle-Aged Human Immunodeficiency Virus (HIV)-Positive and HIV-Negative Participants. <i>Journal of Infectious Diseases</i> , 2020, 222, 919-928.	4.0	30
36	Rapid Real-time Tracking of Nonpharmaceutical Interventions and Their Association With Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Positivity: The Coronavirus Disease 2019 (COVID-19) Pandemic Pulse Study. <i>Clinical Infectious Diseases</i> , 2021, 73, e1822-e1829.	5.8	28

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37	Uptake and Acceptability of Information and Communication Technology in a Community-Based Cohort of People Who Inject Drugs: Implications for Mobile Health Interventions. JMIR MHealth and UHealth, 2015, 3, e70.	3.7	28
38	HIV Suppression Restores the Lung Mucosal CD4 <sup>+</sup> T-Cell Viral Immune Response and Resolves CD8 <sup>+</sup> T-Cell Alveolitis in Patients at Risk for HIV-Associated Chronic Obstructive Pulmonary Disease. Journal of Infectious Diseases, 2016, 214, 1520-1530.	4.0	26
39	Fatal overdose prevention and experience with naloxone: A cross-sectional study from a community-based cohort of people who inject drugs in Baltimore, Maryland. PLoS ONE, 2020, 15, e0230127.	2.5	23
40	Provider-Level and Other Health Systems Factors Influencing Engagement in HIV Care: A Qualitative Study of a Vulnerable Population. PLoS ONE, 2016, 11, e0158759.	2.5	23
41	Using Mobile Health Technology to Improve HIV Care for Persons Living with HIV and Substance Abuse. AIDS Research and Treatment, 2013, 2013, 1-3.	0.7	22
42	The Exposure Assessment in Current Time Study: Implementation, Feasibility, and Acceptability of Real-Time Data Collection in a Community Cohort of Illicit Drug Users. AIDS Research and Treatment, 2013, 2013, 1-10.	0.7	22
43	Lung Density Changes With Growth and Inflation. Chest, 2015, 148, 995-1002.	0.8	20
44	Hepatitis E Virus Seroprevalence and Correlates of Anti-HEV IgG Antibodies in the Rakai District, Uganda. Journal of Infectious Diseases, 2018, 217, 785-789.	4.0	20
45	Hepatitis D virus infection, cirrhosis and hepatocellular carcinoma in The Gambia. Journal of Viral Hepatitis, 2019, 26, 738-749.	2.0	20
46	Reducing injection intensity is associated with decreased risk for invasive bacterial infection among high-frequency injection drug users. Harm Reduction Journal, 2019, 16, 38.	3.2	20
47	A Cross Sectional Analysis of the Role of the Antimicrobial Peptide Cathelicidin in Lung Function Impairment within the ALIVE Cohort. PLoS ONE, 2014, 9, e95099.	2.5	20
48	CD4 <sup>+</sup> T-Cell-Dependent Reduction in Hepatitis C Virus-Specific Neutralizing Antibody Responses After Coinfection With Human Immunodeficiency Virus. Journal of Infectious Diseases, 2015, 212, 914-923.	4.0	18
49	Frailty and Cause-Specific Hospitalization Among Persons Aging With HIV Infection and Injection Drug Use. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw142.	3.6	18
50	Mortality among people who inject drugs: a prospective cohort followed over three decades in Baltimore, MD, USA. Addiction, 2022, 117, 646-655.	3.3	18
51	Correlates of hepatitis B awareness and disease-specific knowledge among pregnant women in Northern and Central Uganda: a cross-sectional study. Hepatology, Medicine and Policy, 2018, 3, 14.	1.7	17
52	Role of APOBEC3F Gene Variation in HIV-1 Disease Progression and Pneumocystis Pneumonia. PLoS Genetics, 2016, 12, e1005921.	3.5	17
53	Identifying the immune interactions underlying HLA class I disease associations. ELife, 2020, 9, .	6.0	17
54	A Comparison of Two Measures of HIV Diversity in Multi-Assay Algorithms for HIV Incidence Estimation. PLoS ONE, 2014, 9, e101043.	2.5	16

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55	Engagement in treatment for depression among people who inject drugs in Baltimore, Maryland. <i>Journal of Substance Abuse Treatment</i> , 2019, 106, 107-112.	2.8	16
56	Increased Mortality Among Persons With Chronic Hepatitis C With Moderate or Severe Liver Disease: A Cohort Study. <i>Clinical Infectious Diseases</i> , 2017, 65, 235-243.	5.8	15
57	Human immunodeficiency viral infection and differences in interstitial ventricular fibrosis and left atrial size. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 888-895.	1.2	15
58	COVID-19 Vaccine Hesitancy and Vaccination Status in a Community-Based Cohort of People Who Inject Drugs in Baltimore, Maryland, March–June 2021. <i>Public Health Reports</i> , 2022, 137, 1031-1040.	2.5	15
59	“Everything that looks good ain’t good!” Perspectives on urban redevelopment among persons with a history of injection drug use in Baltimore, Maryland. <i>International Journal of Drug Policy</i> , 2013, 24, 605-613.	3.3	14
60	Differential Immunodominance Hierarchy of CD8 <sup>+</sup> T-Cell Responses in HLA-B*27:05- and -B*27:02-Mediated Control of HIV-1 Infection. <i>Journal of Virology</i> , 2018, 92, .	3.4	14
61	Characterization of HIV-1 envelopes in acutely and chronically infected injection drug users. <i>Retrovirology</i> , 2014, 11, 106.	2.0	13
62	Hepatitis B virus perceptions and health seeking behaviors among pregnant women in Uganda: implications for prevention and policy. <i>BMC Health Services Research</i> , 2019, 19, 760.	2.2	13
63	Impact of APOL1 Genetic Variants on HIV-1 Infection and Disease Progression. <i>Frontiers in Immunology</i> , 2019, 10, 53.	4.8	13
64	Risk Factors for Vitamin D Deficiency among HIV-Infected and Uninfected Injection Drug Users. <i>PLoS ONE</i> , 2014, 9, e95802.	2.5	13
65	Utilizing mHealth methods to identify patterns of high risk illicit drug use. <i>Drug and Alcohol Dependence</i> , 2015, 151, 250-257.	3.2	12
66	Use of Hepatitis C Virus (HCV) Immunoglobulin G Antibody Avidity as a Biomarker to Estimate the Population-Level Incidence of HCV Infection. <i>Journal of Infectious Diseases</i> , 2016, 214, 344-352.	4.0	12
67	Rising role of prescription drugs as a portal to injection drug use and associated mortality in Baltimore, Maryland. <i>PLoS ONE</i> , 2019, 14, e0213357.	2.5	12
68	HIV, psychological resilience, and substance misuse during the COVID-19 pandemic: A multi-cohort study. <i>Drug and Alcohol Dependence</i> , 2022, 231, 109230.	3.2	12
69	Implementation of a COPD Screening Questionnaire in an Outpatient HIV Clinic. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 767-772.	1.6	11
70	HIV Infection Is Independently Associated with Increased CT Scan Lung Density. <i>Academic Radiology</i> , 2017, 24, 137-145.	2.5	11
71	Overlapping epidemics of alcohol and illicit drug use among HCV-infected persons who inject drugs. <i>Addictive Behaviors</i> , 2019, 96, 56-61.	3.0	11
72	Plasma cathelicidin and longitudinal lung function in current and former smokers. <i>PLoS ONE</i> , 2019, 14, e0212628.	2.5	11

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73	Health insurance coverage is associated with access to substance use treatment among individuals with injection drug use: Evidence from a 12-year prospective study. <i>Journal of Substance Abuse Treatment</i> , 2019, 96, 75-81.	2.8	11
74	Correlates of hepatitis C viral clustering among people who inject drugs in Baltimore. <i>Infection, Genetics and Evolution</i> , 2020, 77, 104078.	2.3	11
75	Frequency, Risk Factors, and Mediators of Frailty Transitions During Long-Term Follow-Up Among People With HIV and HIV-Negative AGEHIV Cohort Participants. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 110-118.	2.1	11
76	Impact of Hepatitis C Treatment Uptake on Cirrhosis and Mortality in Persons Who Inject Drugs. <i>Annals of Internal Medicine</i> , 2022, 175, 1083-1091.	3.9	10
77	The association between neighborhood residential rehabilitation and injection drug use in Baltimore, Maryland, 2000â€“2011. <i>Health and Place</i> , 2014, 28, 142-149.	3.3	9
78	Differential Relationships among Circulating Inflammatory and Immune Activation Biomediators and Impact of Aging and Human Immunodeficiency Virus Infection in a Cohort of Injection Drug Users. <i>Frontiers in Immunology</i> , 2017, 8, 1343.	4.8	9
79	Prevalence of and Risk Factors for Oral Human Papillomavirus Infection among HIV-Positive and HIV-Negative People Who Inject Drugs. <i>PLoS ONE</i> , 2015, 10, e0143698.	2.5	8
80	Associations of Circulating Soluble Tumor Necrosis Factor- $\alpha$ Receptors 1 and 2 with Interleukin-6 Levels in an Aging Cohort of Injection Drug Users with or at High Risk for HIV Infection. <i>AIDS Research and Human Retroviruses</i> , 2015, 31, 1257-1264.	1.1	8
81	Prescription drug use and misuse in a cohort of people who inject drugs (PWID) in Baltimore. <i>Addictive Behaviors</i> , 2018, 81, 39-45.	3.0	8
82	HIV Infection and Circulating Levels of Prosurfactant Protein B and Surfactant Protein D. <i>Journal of Infectious Diseases</i> , 2018, 217, 413-417.	4.0	8
83	Nonstructured Treatment Interruptions Are Associated With Higher Human Immunodeficiency Virus Reservoir Size Measured by Intact Proviral DNA Assay in People Who Inject Drugs. <i>Journal of Infectious Diseases</i> , 2021, 223, 1905-1913.	4.0	8
84	Development and Evaluation of a Modified Fourth-Generation Human Immunodeficiency Virus Enzyme Immunoassay for Cross-Sectional Incidence Estimation in Clade B Populations. <i>AIDS Research and Human Retroviruses</i> , 2016, 32, 756-762.	1.1	7
85	Association of Lung Function With HIV-Related Quality of Life and Health Care Utilization in a High-Risk Cohort. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020, 85, 219-226.	2.1	7
86	Epigenome-wide association scan identifies methylation sites associated with HIV infection. <i>Epigenomics</i> , 2020, 12, 1917-1927.	2.1	7
87	Fine-mapping of genetic loci driving spontaneous clearance of hepatitis C virus infection. <i>Scientific Reports</i> , 2017, 7, 15843.	3.3	6
88	Durable HIV Suppression Among People Who Inject Drugs From a Community-Based Cohort Study in Baltimore, Maryland, 1997â€“2017. <i>American Journal of Epidemiology</i> , 2019, 188, 2086-2096.	3.4	6
89	Trans-ancestral fine-mapping of MHC reveals key amino acids associated with spontaneous clearance of hepatitis C in HLA-DQ <sup>2</sup> 1. <i>American Journal of Human Genetics</i> , 2022, 109, 299-310.	6.2	6
90	A Multiancestry Sex-Stratified Genome-Wide Association Study of Spontaneous Clearance of Hepatitis C Virus. <i>Journal of Infectious Diseases</i> , 2021, 223, 2090-2098.	4.0	5

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91	Multi-ancestry fine mapping of interferon lambda and the outcome of acute hepatitis C virus infection. <i>Genes and Immunity</i> , 2020, 21, 348-359.	4.1	5
92	Hepatitis B birth dose vaccination for newborns in Uganda: A qualitative inquiry on pregnant women's perceptions, barriers and preferences. <i>Journal of Virus Eradication</i> , 2021, 7, 100039.	0.5	5
93	HIV is Associated with Impaired Pulmonary Diffusing Capacity Independent of Emphysema. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, Publish Ahead of Print, 64-68.	2.1	5
94	Epigenome-wide association analyses of active injection drug use. <i>Drug and Alcohol Dependence</i> , 2022, 235, 109431.	3.2	5
95	APOL1 variant alleles associate with reduced risk for opportunistic infections in HIV infection. <i>Communications Biology</i> , 2021, 4, 284.	4.4	4
96	HIV/HCV Co-infection, Liver Disease Progression, and Age-Related IGF-1 Decline. <i>Pathogens and Immunity</i> , 2017, 2, 50.	3.1	4
97	Preferences of Persons With or at Risk for Hepatitis C for Long-Acting Treatments. <i>Clinical Infectious Diseases</i> , 2022, 75, 3-10.	5.8	4
98	Trends in fatal and nonfatal overdose by race among people who inject drugs in Baltimore, Maryland from 1998 to 2019. <i>Drug and Alcohol Dependence</i> , 2021, 229, 109152.	3.2	4
99	The relationship of alcohol and other drug use during the COVID-19 pandemic among people with or at risk of HIV; A cross-sectional survey of people enrolled in Collaborating Consortium of Cohorts Producing NIDA Opportunities (C3PNO) cohorts. <i>Drug and Alcohol Dependence</i> , 2022, 241, 109382.	3.2	4
100	Characterizing latent classes of social support among persons who inject drugs. <i>Drug and Alcohol Dependence</i> , 2020, 207, 107816.	3.2	3
101	Racial differences in $\hat{1}\pm 4\hat{1}^27$ expression on CD4+ T cells of HIV-negative men and women who inject drugs. <i>PLoS ONE</i> , 2020, 15, e0238234.	2.5	3
102	Incident obstructive lung disease and mortality among people with HIV and a history of injecting drugs. <i>Aids</i> , 2021, 35, 1451-1460.	2.2	3
103	Building Leadership Capacity for Mission Execution in a Large Academic Department of Medicine. <i>American Journal of Medicine</i> , 2019, 132, 535-543.	1.5	2
104	Longitudinal Antibody Responses in People Who Inject Drugs Infected With Similar Human Immunodeficiency Virus Strains. <i>Journal of Infectious Diseases</i> , 2020, 221, 756-765.	4.0	2
105	The association of $\hat{1}\pm 4\hat{1}^27$ expression with HIV acquisition and disease progression in people who inject drugs and men who have sex with men: Case control studies. <i>EBioMedicine</i> , 2020, 62, 103102.	6.1	2
106	Human Immunodeficiency Virus transmission by HIV risk group and along the HIV care continuum. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, Publish Ahead of Print, .	2.1	2
107	Association of the VACS Index with hospitalization among people with HIV in the NA-ACCORD. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, Publish Ahead of Print, 9-18.	2.1	1
108	LB-10. Rapid Assessments of Non-Pharmaceutical Intervention Uptake and Population Mobility Patterns Elucidate SARS-Cov-2 Transmission Dynamics. <i>Open Forum Infectious Diseases</i> , 2020, 7, S848-S848.	0.9	1

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109	Adverse childhood experiences and comorbidity in a cohort of people who have injected drugs. BMC Public Health, 2022, 22, 986.	2.9	1
110	665 Insufficient sleep and mortality among persons who inject drugs (PWID). Sleep, 2021, 44, A260-A260.	1.1	0