

Ronald H Gray

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

5,137
citations

27
h-index

71
g-index

123
ext. papers

5,840
ext. citations

7.2
avg, IF

4.78
L-index

#	Paper	IF	Citations
116	Hypertension and Socioeconomic Status in South Central Uganda: A Population-Based Cohort Study.. <i>Global Heart</i> , 2022 , 17, 3	2.9	0
115	HIV combination prevention and declining orphanhood among adolescents, Rakai, Uganda, 2001-18: an observational community cohort study.. <i>Lancet HIV</i> , 2022 , 9, e32-e41	7.8	1
114	Sex-specific associations between cerebrospinal fluid inflammatory marker levels and cognitive function in antiretroviral treated people living with HIV in rural Uganda. <i>Brain, Behavior, and Immunity</i> , 2021 , 93, 111-118	16.6	1
113	Penile bacteria associated with HIV seroconversion, inflammation, and immune cells. <i>JCI Insight</i> , 2021 , 6,	9.9	4
112	Novel community health worker strategy for HIV service engagement in a hyperendemic community in Rakai, Uganda: A pragmatic, cluster-randomized trial. <i>PLoS Medicine</i> , 2021 , 18, e1003475	11.6	4
111	Validation of the Asante HIV-1 Rapid Recency Assay for Detection of Recent HIV-1 Infections in Uganda. <i>AIDS Research and Human Retroviruses</i> , 2021 ,	1.6	3
110	Improvement in depressive symptoms after antiretroviral therapy initiation in people with HIV in Rakai, Uganda. <i>Journal of NeuroVirology</i> , 2021 , 27, 519-530	3.9	1
109	Prevalence of Untreated HIV and Associated Risk Behaviors Among the Sexual Partners of Recent Migrants and Long-term Residents in Rakai, Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021 , 88, 243-251	3.1	0
108	Prevalence and Predictors of Persistent Human Immunodeficiency Virus Viremia and Viral Rebound After Universal Test and Treat: A Population-Based Study. <i>Journal of Infectious Diseases</i> , 2021 , 223, 1150-1160	7.1	4
107	Novel community health worker strategy for HIV service engagement in a hyperendemic community in Rakai, Uganda: A pragmatic, cluster-randomized trial 2021 , 18, e1003475		
106	Novel community health worker strategy for HIV service engagement in a hyperendemic community in Rakai, Uganda: A pragmatic, cluster-randomized trial 2021 , 18, e1003475		
105	Novel community health worker strategy for HIV service engagement in a hyperendemic community in Rakai, Uganda: A pragmatic, cluster-randomized trial 2021 , 18, e1003475		
104	Novel community health worker strategy for HIV service engagement in a hyperendemic community in Rakai, Uganda: A pragmatic, cluster-randomized trial 2021 , 18, e1003475		
103	Novel community health worker strategy for HIV service engagement in a hyperendemic community in Rakai, Uganda: A pragmatic, cluster-randomized trial 2021 , 18, e1003475		
102	Elevated liver stiffness without histological evidence of liver fibrosis in rural Ugandans. <i>Journal of Viral Hepatitis</i> , 2020 , 27, 1022-1031	3.4	
101	Impact of male circumcision on risk of HIV infection in men in a changing epidemic context - systematic review and meta-analysis. <i>Journal of the International AIDS Society</i> , 2020 , 23, e25490	5.4	7
100	Migration, hotspots, and dispersal of HIV infection in Rakai, Uganda. <i>Nature Communications</i> , 2020 , 11, 976	17.4	15

99	Recombination Analysis of Near Full-Length HIV-1 Sequences and the Identification of a Potential New Circulating Recombinant Form from Rakai, Uganda. <i>AIDS Research and Human Retroviruses</i> , 2020 , 36, 467-474	1.6	1
98	Quantifying HIV transmission flow between high-prevalence hotspots and surrounding communities: a population-based study in Rakai, Uganda. <i>Lancet HIV,the</i> , 2020 , 7, e173-e183	7.8	26
97	VMMC clientsTperception of increased risk of HIV infection, circumcision preferred choice of method, providersTsocio-demographics and mode of service delivery. <i>African Health Sciences</i> , 2020 , 20, 1562-1572	1.1	
96	Neurocognitive Effects of Antiretroviral Initiation Among People Living With HIV in Rural Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2020 , 84, 534-542	3.1	2
95	Enhancers and barriers to uptake of male circumcision services in Northern Uganda: a qualitative study. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2020 , 32, 1061-1068	2.2	1
94	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
93	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
92	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
91	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
90	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
89	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
88	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
87	Foreskin surface area is not associated with sub-preputial microbiome composition or penile cytokines 2020 , 15, e0234256		
86	The Effect of Antiretroviral Therapy Initiation on the Vaginal Microbiome in HIV-Infected Women. <i>Open Forum Infectious Diseases</i> , 2019 , 6, ofz328	1	5
85	Heterogeneity in neurocognitive change trajectories among people with HIV starting antiretroviral therapy in Rakai, Uganda. <i>Journal of NeuroVirology</i> , 2019 , 25, 800-813	3.9	11
84	Impact of combination HIV interventions on HIV incidence in hyperendemic fishing communities in Uganda: a prospective cohort study. <i>Lancet HIV,the</i> , 2019 , 6, e680-e687	7.8	27
83	Inferring HIV-1 transmission networks and sources of epidemic spread in Africa with deep-sequence phylogenetic analysis. <i>Nature Communications</i> , 2019 , 10, 1411	17.4	26
82	WomenT role in male circumcision promotion in Rakai, Uganda. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2019 , 31, 443-450	2.2	1

81	Terminal Effector CD8 T Cells Defined by an IKZF2IL-7R Transcriptional Signature Express FcBIIIA, Expand in HIV Infection, and Mediate Potent HIV-Specific Antibody-Dependent Cellular Cytotoxicity. <i>Journal of Immunology</i> , 2019 , 203, 2210-2221	5.3	13
80	Effect of HIV Subtype and Antiretroviral Therapy on HIV-Associated Neurocognitive Disorder Stage in Rakai, Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 81, 216-223	3.1	17
79	Male Circumcision for HIV and STI Prevention: A Reflection. <i>Clinical Chemistry</i> , 2019 , 65, 15-18	5.5	4
78	Short Communication: The Interaction of HIV Set Point Viral Load and Subtype on Disease Progression. <i>AIDS Research and Human Retroviruses</i> , 2019 , 35, 49-51	1.6	4
77	Hepatitis E Virus Seroprevalence and Correlates of Anti-HEV IgG Antibodies in the Rakai District, Uganda. <i>Journal of Infectious Diseases</i> , 2018 , 217, 785-789	7	15
76	Migration and risk of HIV acquisition in Rakai, Uganda: a population-based cohort study. <i>Lancet HIV, the</i> , 2018 , 5, e181-e189	7.8	40
75	Process evaluation of the SHARE intervention for preventing intimate partner violence and HIV infection in Rakai, Uganda. <i>Evaluation and Program Planning</i> , 2018 , 67, 129-137	1.7	2
74	HIV viral suppression and geospatial patterns of HIV antiretroviral therapy treatment facility use in Rakai, Uganda. <i>Aids</i> , 2018 , 32, 819-824	3.5	8
73	The validity of self-reported antiretroviral use in persons living with HIV: a population-based study. <i>Aids</i> , 2018 , 32, 363-369	3.5	29
72	Brief Report: Age-Disparate Relationships and HIV Prevalence Among Never Married Women in Rakai, Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 79, 430-434	3.1	9
71	Knowledge on voluntary medical male circumcision in a low uptake setting in northern Uganda. <i>BMC Public Health</i> , 2018 , 18, 1278	4.1	6
70	Prevalence of protective tetanus antibodies and immunological response following tetanus toxoid vaccination among men seeking medical circumcision services in Uganda. <i>PLoS ONE</i> , 2018 , 13, e0209167 ^{3.7}	3.7	2
69	Mobility among youth in Rakai, Uganda: Trends, characteristics, and associations with behavioural risk factors for HIV. <i>Global Public Health</i> , 2017 , 12, 1033-1050	3.5	38
68	Design and Implementation of a Community Health Worker HIV Treatment and Prevention Intervention in an HIV Hot Spot Fishing Community in Rakai, Uganda. <i>Journal of the International Association of Providers of AIDS Care</i> , 2017 , 16, 499-505	1.7	7
67	HIV-1 full-genome phylogenetics of generalized epidemics in sub-Saharan Africa: impact of missing nucleotide characters in next-generation sequences. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 1083-1098	1.6	13
66	Cerebrospinal fluid biomarkers and HIV-associated neurocognitive disorders in HIV-infected individuals in Rakai, Uganda. <i>Journal of NeuroVirology</i> , 2017 , 23, 369-375	3.9	35
65	Human immunodeficiency virus care cascade among sub-populations in Rakai, Uganda: an observational study. <i>Journal of the International AIDS Society</i> , 2017 , 20, 21590	5.4	18
64	Impact of a community health worker HIV treatment and prevention intervention in an HIV hotspot fishing community in Rakai, Uganda (mLAKE): study protocol for a randomized controlled trial. <i>Trials</i> , 2017 , 18, 494	2.8	11

63	HIV Prevention Efforts and Incidence of HIV in Uganda. <i>New England Journal of Medicine</i> , 2017 , 377, 2154-2166	39	697
62	Peripheral neuropathy in HIV-infected and uninfected patients in Rakai, Uganda. <i>Neurology</i> , 2017 , 89, 485-491	6.5	29
61	Qualitative insights into implementation, processes, and outcomes of a randomized trial on peer support and HIV care engagement in Rakai, Uganda. <i>BMC Infectious Diseases</i> , 2017 , 17, 54	4	9
60	Cross-sectional comparative study of risky sexual behaviours among HIV-infected persons initiated and waiting to start antiretroviral therapy in rural Rakai, Uganda. <i>BMJ Open</i> , 2017 , 7, e016954	3	6
59	Penile Anaerobic Dysbiosis as a Risk Factor for HIV Infection. <i>MBio</i> , 2017 , 8,	7.8	41
58	Trends and Determinants of Human Papillomavirus Concordance Among Human Immunodeficiency Virus-Positive and -Negative Heterosexual Couples in Rakai, Uganda. <i>Journal of Infectious Diseases</i> , 2017 , 215, 772-780	7	7
57	Penile Immune Activation and Risk of HIV Shedding: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2017 , 64, 776-784	11.6	
56	Intimate partner violence as a predictor of marital disruption in rural Rakai, Uganda: a longitudinal study. <i>International Journal of Public Health</i> , 2016 , 61, 961-970	4	9
55	Association of Medical Male Circumcision and Antiretroviral Therapy Scale-up With Community HIV Incidence in Rakai, Uganda. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 316, 182-90	27.4	27
54	Ockham's Razor and the PrePex Male Circumcision Device. <i>Journal of Infectious Diseases</i> , 2016 , 214, 1126		
53	Longitudinal household surveillance for malaria in Rakai, Uganda. <i>Malaria Journal</i> , 2016 , 15, 77	3.6	6
52	Combined Intimate Partner Violence and HIV/AIDS Prevention in Rural Uganda: Design of the SHARE Intervention Strategy. <i>Health Care for Women International</i> , 2016 , 37, 362-85	1.5	20
51	Chemokine Levels in the Penile Coronal Sulcus Correlate with HIV-1 Acquisition and Are Reduced by Male Circumcision in Rakai, Uganda. <i>PLoS Pathogens</i> , 2016 , 12, e1006025	7.6	25
50	A transmission-virulence evolutionary trade-off explains attenuation of HIV-1 in Uganda. <i>ELife</i> , 2016 , 5,	8.9	33
49	Genital Anaerobic Bacterial Overgrowth and the PrePex Male Circumcision Device, Rakai, Uganda. <i>Journal of Infectious Diseases</i> , 2016 , 214, 595-8	7	6
48	Immunological Signaling During Herpes Simplex Virus-2 and Cytomegalovirus Vaginal Shedding After Initiation of Antiretroviral Treatment. <i>Open Forum Infectious Diseases</i> , 2016 , 3, ofw073	1	9
47	Heterogeneity of the HIV epidemic in agrarian, trading, and fishing communities in Rakai, Uganda: an observational epidemiological study. <i>Lancet HIV</i> , 2016 , 3, e388-e396	7.8	78
46	HIV Type 1 Disease Progression to AIDS and Death in a Rural Ugandan Cohort Is Primarily Dependent on Viral Load Despite Variable Subtype and T-Cell Immune Activation Levels. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1574-84	7	14

45	Vaginal Cytomegalovirus Shedding Before and After Initiation of Antiretroviral Therapy in Rakai, Uganda. <i>Journal of Infectious Diseases</i> , 2015 , 212, 899-903	7	17
44	Analysis of longitudinal multivariate outcome data from couples cohort studies: application to HPV transmission dynamics. <i>Journal of the American Statistical Association</i> , 2015 , 110, 472-485	2.8	3
43	Decreased monocyte activation with daily acyclovir use in HIV-1/HSV-2 coinfecting women. <i>Sexually Transmitted Infections</i> , 2015 , 91, 485-8	2.8	9
42	HIV shedding from male circumcision wounds in HIV-infected men: a prospective cohort study. <i>PLoS Medicine</i> , 2015 , 12, e1001820	11.6	8
41	Effectiveness of peer support on care engagement and preventive care intervention utilization among pre-antiretroviral therapy, HIV-infected adults in Rakai, Uganda: a randomized trial. <i>AIDS and Behavior</i> , 2015 , 19, 1742-51	4.3	23
40	Penile Microbiota and Female Partner Bacterial Vaginosis in Rakai, Uganda. <i>MBio</i> , 2015 , 6, e00589	7.8	70
39	Risk Denial and Socio-Economic Factors Related to High HIV Transmission in a Fishing Community in Rakai, Uganda: A Qualitative Study. <i>PLoS ONE</i> , 2015 , 10, e0132740	3.7	25
38	Barriers to Utilization of HIV Care Services Among Adolescents and Young Adults in Rakai, Uganda: the Role of Economic Strengthening. <i>Global Social Welfare</i> , 2015 , 2, 105-110	1.2	5
37	Use of injectable hormonal contraception and women's risk of herpes simplex virus type 2 acquisition: a prospective study of couples in Rakai, Uganda. <i>The Lancet Global Health</i> , 2015 , 3, e478-e486	13.6	21
36	Effectiveness of an integrated intimate partner violence and HIV prevention intervention in Rakai, Uganda: analysis of an intervention in an existing cluster randomised cohort. <i>The Lancet Global Health</i> , 2015 , 3, e23-33	13.6	189
35	Factors associated with incident HIV infection versus prevalent infection among youth in Rakai, Uganda. <i>Journal of Epidemiology and Global Health</i> , 2015 , 5, 85-91	5.5	2
34	High-risk human papillomavirus viral load and persistence among heterosexual HIV-negative and HIV-positive men. <i>Sexually Transmitted Infections</i> , 2014 , 90, 337-43	2.8	21
33	Preference for Sayana [®] Press versus intramuscular Depo-Provera among HIV-positive women in Rakai, Uganda: a randomized crossover trial. <i>Contraception</i> , 2014 , 89, 385-95	2.5	22
32	Field evaluation of PIMA point-of-care CD4 testing in Rakai, Uganda. <i>PLoS ONE</i> , 2014 , 9, e88928	3.7	14
31	Indices to measure risk of HIV acquisition in Rakai, Uganda. <i>PLoS ONE</i> , 2014 , 9, e92015	3.7	17
30	Trichomonas vaginalis Incidence Associated with Hormonal Contraceptive Use and HIV Infection among Women in Rakai, Uganda. <i>Journal of Sexually Transmitted Diseases</i> , 2014 , 2014, 916597		5
29	Family structure effects on early sexual debut among adolescent girls in Rakai, Uganda. <i>Vulnerable Children and Youth Studies</i> , 2014 , 9, 193-205	1.3	16
28	The role of viral introductions in sustaining community-based HIV epidemics in rural Uganda: evidence from spatial clustering, phylogenetics, and egocentric transmission models. <i>PLoS Medicine</i> , 2014 , 11, e1001610	11.6	91

27	Longitudinal study of correlates of modern contraceptive use and impact of HIV care programmes among HIV concordant and serodiscordant couples in Rakai, Uganda. <i>Journal of Family Planning and Reproductive Health Care</i> , 2014 , 40, 208-16		11
26	Combination implementation for HIV prevention: moving from clinical trial evidence to population-level effects. <i>Lancet Infectious Diseases</i> , 2013 , 13, 65-76	25.5	86
25	Infection in 2012: mixed results of pre-exposure prophylaxis for HIV prevention. <i>Nature Reviews Urology</i> , 2013 , 10, 74-5	5.5	1
24	Programme science research on medical male circumcision scale-up in sub-Saharan Africa. <i>Sexually Transmitted Infections</i> , 2013 , 89, 345-9	2.8	25
23	The accuracy of women's reports of their partner's male circumcision status in Rakai, Uganda. <i>Aids</i> , 2013 , 27, 662-4	3.5	8
22	High prevalence of malaria parasitemia and anemia among hospitalized children in Rakai, Uganda. <i>PLoS ONE</i> , 2013 , 8, e82455	3.7	23
21	Exposure of misleading claims that male circumcision will increase HIV infections in Africa. <i>Journal of Public Health in Africa</i> , 2011 , 2, e28	1	11
20	Effect of peer health workers on AIDS care in Rakai, Uganda: a cluster-randomized trial. <i>PLoS ONE</i> , 2010 , 5, e10923	3.7	136
19	The effects of male circumcision on female partners' genital tract symptoms and vaginal infections in a randomized trial in Rakai, Uganda. <i>American Journal of Obstetrics and Gynecology</i> , 2009 , 200, 42.e1-7	6.4	169
18	Methodologies for evaluating HIV prevention intervention (populations and epidemiologic settings). <i>Current Opinion in HIV and AIDS</i> , 2009 , 4, 274-8	4.2	4
17	Commentary: Disease modelling to inform policy on male circumcision for HIV prevention. <i>International Journal of Epidemiology</i> , 2008 , 37, 1253-4	7.8	5
16	Male circumcision and prevention of HIV and sexually transmitted infections. <i>Current Infectious Disease Reports</i> , 2008 , 10, 121-7	3.9	10
15	Limitations of rapid HIV-1 tests during screening for trials in Uganda: diagnostic test accuracy study. <i>BMJ</i> , 2007 , 335, 188	5.9	96
14	The impact of male circumcision on HIV incidence and cost per infection prevented: a stochastic simulation model from Rakai, Uganda. <i>Aids</i> , 2007 , 21, 845-50	3.5	94
13	Male circumcision for HIV prevention in men in Rakai, Uganda: a randomised trial. <i>Lancet</i> , 2007 , 369, 657-66	40	1689
12	Randomised trials of HIV prevention. <i>Lancet</i> , 2007 , 370, 200-201	40	127
11	Disclosure of HIV status on informed consent forms presents an ethical dilemma for protection of human subjects. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2006 , 41, 246-8	3.1	2
10	Increased risk of incident HIV during pregnancy in Rakai, Uganda: a prospective study. <i>Lancet</i> , 2005 , 366, 1182-8	40	299

9	Determinants of HIV-1 load in subjects with early and later HIV infections, in a general-population cohort of Rakai, Uganda. <i>Journal of Infectious Diseases</i> , 2004 , 189, 1209-15	7	78
8	Male circumcision and the risk of sexually transmitted infections and HIV in Rakai, Uganda. <i>Aids</i> , 2004 , 18, 2428-30	3.5	35
7	Stochastic simulation of the impact of antiretroviral therapy and HIV vaccines on HIV transmission; Rakai, Uganda. <i>Aids</i> , 2003 , 17, 1941-51	3.5	108
6	Genital tract infections and perinatal transmission of HIV. <i>Annals of the New York Academy of Sciences</i> , 2000 , 918, 84-98	6.5	40
5	Control of sexually transmitted diseases for AIDS prevention in Uganda: a randomised community trial. Rakai Project Study Group. <i>Lancet, The</i> , 1999 , 353, 525-35	40	606
4	Demographic survey of the level and determinants of perinatal mortality in Karachi, Pakistan. <i>Paediatric and Perinatal Epidemiology</i> , 1996 , 10, 86-96	2.7	19
3	Distribution and determinants of low birthweight in central Sudan. <i>Paediatric and Perinatal Epidemiology</i> , 1995 , 9, 185-200	2.7	6
2	Evaluation of natural family planning programmes in Liberia and Zambia. <i>Journal of Biosocial Science</i> , 1993 , 25, 249-58	1.6	13
1	Validation of the diagnosis of childhood morbidity using maternal health interviews. <i>International Journal of Epidemiology</i> , 1991 , 20, 193-8	7.8	49