

Barbara Castelnovo

List of Publications by Citations

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105
papers

1,737
citations

21
h-index

39
g-index

128
ext. papers

2,168
ext. citations

4.9
avg, IF

4.32
L-index

#	Paper	IF	Citations
105	Cost-effectiveness of serum cryptococcal antigen screening to prevent deaths among HIV-infected persons with a CD4+ cell count <i>Clinical Infectious Diseases</i> , 2010 , 51, 448-55	11.6	241
104	Predictors of long-term viral failure among ugandan children and adults treated with antiretroviral therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2007 , 46, 187-93	3.1	185
103	Cause-specific mortality and the contribution of immune reconstitution inflammatory syndrome in the first 3 years after antiretroviral therapy initiation in an urban African cohort. <i>Clinical Infectious Diseases</i> , 2009 , 49, 965-72	11.6	104
102	Global Trends in CD4 Cell Count at the Start of Antiretroviral Therapy: Collaborative Study of Treatment Programs. <i>Clinical Infectious Diseases</i> , 2018 , 66, 893-903	11.6	75
101	Integration of HIV and TB services results in improved TB treatment outcomes and earlier prioritized ART initiation in a large urban HIV clinic in Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012 , 60, e29-35	3.1	65
100	Belief in divine healing can be a barrier to antiretroviral therapy adherence in Uganda. <i>Aids</i> , 2007 , 21, 1486-7	3.5	62
99	Evaluation of portable point-of-care CD4 counter with high sensitivity for detecting patients eligible for antiretroviral therapy. <i>PLoS ONE</i> , 2012 , 7, e34319	3.7	49
98	Evaluating the cost-effectiveness of combination antiretroviral therapy for the prevention of mother-to-child transmission of HIV in Uganda. <i>Bulletin of the World Health Organization</i> , 2012 , 90, 595-603	8.3	49
97	Implementation of provider-based electronic medical records and improvement of the quality of data in a large HIV program in Sub-Saharan Africa. <i>PLoS ONE</i> , 2012 , 7, e51631	3.7	47
96	CD4 cell counts at the third month of HAART may predict clinical failure. <i>Aids</i> , 1999 , 13, 1669-76	3.5	43
95	Cost effectiveness of a pharmacy-only refill program in a large urban HIV/AIDS clinic in Uganda. <i>PLoS ONE</i> , 2011 , 6, e18193	3.7	37
94	A prospective ascertainment of cancer incidence in sub-Saharan Africa: The case of Kaposi sarcoma. <i>Cancer Medicine</i> , 2016 , 5, 914-28	4.8	33
93	Quality of data collection in a large HIV observational clinic database in sub-Saharan Africa: implications for clinical research and audit of care. <i>Journal of the International AIDS Society</i> , 2011 , 14, 3	5.4	29
92	Acceptability, perceived reliability and challenges associated with distributing HIV self-test kits to young MSM in Uganda: a qualitative study. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25269	5.4	27
91	Peer distribution of HIV self-test kits to men who have sex with men to identify undiagnosed HIV infection in Uganda: A pilot study. <i>PLoS ONE</i> , 2020 , 15, e0227741	3.7	26
90	Symptomatic hyperlactatemia associated with nucleoside analogue reverse-transcriptase inhibitor use in HIV-infected patients: a report of 24 cases in a resource-limited setting (Uganda). <i>Clinical Infectious Diseases</i> , 2007 , 45, 514-7	11.6	26
89	Retention of HIV infected pregnant and breastfeeding women on option B+ in Gomba District, Uganda: a retrospective cohort study. <i>BMC Infectious Diseases</i> , 2018 , 18, 533	4	26

88	Dolutegravir-associated hyperglycaemia in patients with HIV. <i>Lancet HIV</i> , 2020 , 7, e461-e462	7.8	24
87	Rates of switching to second-line antiretroviral therapy and impact of delayed switching on immunologic, virologic, and mortality outcomes among HIV-infected adults with virologic failure in Rakai, Uganda. <i>BMC Infectious Diseases</i> , 2017 , 17, 582	4	24
86	A survey of machine learning applications in HIV clinical research and care. <i>Computers in Biology and Medicine</i> , 2017 , 91, 366-371	7	24
85	Can response of a pruritic papular eruption to antiretroviral therapy be used as a clinical parameter to monitor virological outcome?. <i>Aids</i> , 2008 , 22, 269-73	3.5	24
84	Early virological failure and HIV drug resistance in Ugandan adults co-infected with tuberculosis. <i>AIDS Research and Therapy</i> , 2017 , 14, 1	3	21
83	Delayed Sputum Culture Conversion in Tuberculosis-Human Immunodeficiency Virus-Coinfected Patients With Low Isoniazid and Rifampicin Concentrations. <i>Clinical Infectious Diseases</i> , 2018 , 67, 708-716	11.6	21
82	Outcomes in a Cohort of Patients Started on Antiretroviral Treatment and Followed up for a Decade in an Urban Clinic in Uganda. <i>PLoS ONE</i> , 2015 , 10, e0142722	3.7	19
81	Three-year outcome data of second-line antiretroviral therapy in Ugandan adults: good virological response but high rate of toxicity. <i>Journal of the International Association of Providers of AIDS Care</i> , 2009 , 8, 52-9		19
80	Comparison of methods for correction of mortality estimates for loss to follow-up after ART initiation: a case of the Infectious Diseases Institute, Uganda. <i>PLoS ONE</i> , 2013 , 8, e83524	3.7	19
79	Research priorities to inform "Treat All" policy implementation for people living with HIV in sub-Saharan Africa: a consensus statement from the International epidemiology Databases to Evaluate AIDS (IeDEA). <i>Journal of the International AIDS Society</i> , 2019 , 22, e25218	5.4	18
78	Tuberculosis in antiretroviral treatment programs in lower income countries: availability and use of diagnostics and screening. <i>PLoS ONE</i> , 2013 , 8, e77697	3.7	18
77	Implementation of Tuberculosis Intensive Case Finding, Isoniazid Preventive Therapy, and Infection Control ("Three I's") and HIV-Tuberculosis Service Integration in Lower Income Countries. <i>PLoS ONE</i> , 2016 , 11, e0153243	3.7	17
76	Ten years of antiretroviral therapy: Incidences, patterns and risk factors of opportunistic infections in an urban Ugandan cohort. <i>PLoS ONE</i> , 2018 , 13, e0206796	3.7	16
75	Elevated Aspergillus-specific antibody levels among HIV infected Ugandans with pulmonary tuberculosis. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 149	3.5	15
74	Response to Does immune reconstitution promote active tuberculosis in patients receiving highly active antiretroviral therapy? PAIDS, 22 July 2005. <i>Aids</i> , 2005 , 19, 2049-50	3.5	15
73	First-line antiretroviral therapy durability in a 10-year cohort of naïve adults started on treatment in Uganda. <i>Journal of the International AIDS Society</i> , 2016 , 19, 20773	5.4	15
72	Evaluation of WHO Criteria for Viral Failure in Patients on Antiretroviral Treatment in Resource-Limited Settings. <i>AIDS Research and Treatment</i> , 2011 , 2011, 736938	2.3	14
71	Implementation of "Treat-all" at adult HIV care and treatment sites in the Global IeDEA Consortium: results from the Site Assessment Survey. <i>Journal of the International AIDS Society</i> , 2019 , 22, e25331	5.4	13

70	Dolutegravir or Darunavir in Combination with Zidovudine or Tenofovir to Treat HIV. <i>New England Journal of Medicine</i> , 2021 , 385, 330-341	59.2	13
69	A decade of antiretroviral therapy in Uganda: what are the emerging causes of death?. <i>BMC Infectious Diseases</i> , 2019 , 19, 77	4	12
68	Cost-effectiveness of early initiation of first-line combination antiretroviral therapy in Uganda. <i>BMC Public Health</i> , 2012 , 12, 736	4.1	12
67	Persons living with HIV infection on antiretroviral therapy also consulting traditional healers: a study in three African countries. <i>International Journal of STD and AIDS</i> , 2017 , 28, 1018-1027	1.4	11
66	Rifampicin for continuation phase tuberculosis treatment in Uganda: a cost-effectiveness analysis. <i>PLoS ONE</i> , 2012 , 7, e39187	3.7	11
65	Among patients with sustained viral suppression in a resource-limited setting, CD4 gains are continuous although gender-based differences occur. <i>PLoS ONE</i> , 2013 , 8, e73190	3.7	11
64	Reevaluating Cumulative HIV-1 Viral Load as a Prognostic Predictor: Predicting Opportunistic Infection Incidence and Mortality in a Ugandan Cohort. <i>American Journal of Epidemiology</i> , 2016 , 184, 67-77	3.8	11
63	Treatment decisions and mortality in HIV-positive presumptive smear-negative TB in the Xpert [®] MTB/RIF era: a cohort study. <i>BMC Infectious Diseases</i> , 2017 , 17, 433	4	10
62	High rate of misclassification of treatment failure based on WHO immunological criteria. <i>Aids</i> , 2009 , 23, 1295-6; author reply 1296	3.5	10
61	Free antiretrovirals must not be restricted only to treatment-naïve patients. Experience in Uganda suggests that restricting access is not the way forward. <i>PLoS Medicine</i> , 2005 , 2, e276	11.6	9
60	The utility of pharmacokinetic studies for the evaluation of exposure-response relationships for standard dose anti-tuberculosis drugs. <i>Tuberculosis</i> , 2018 , 108, 77-82	2.6	9
59	Simplification of Protease Inhibitor-Containing Regimens with Efavirenz, Nevirapine or Abacavir: Safety and Efficacy Outcomes. <i>Antiviral Therapy</i> , 2003 , 8, 27-35	1.6	9
58	High mobile phone ownership but low internet access and use among young adults attending an urban HIV clinic in Uganda. <i>Vulnerable Children and Youth Studies</i> , 2018 , 13, 207-220	1.3	8
57	Multi-Media Educational Tool Increases Knowledge of Clinical Trials in Uganda. <i>Journal of Clinical Research & Bioethics</i> , 2014 , 5, 165		8
56	The Influence of Pharmacogenetic Variants in HIV/Tuberculosis Coinfected Patients in Uganda in the SOUTH Study. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 450-457	6.1	7
55	Risky sexual behavior among patients on long-term antiretroviral therapy: a prospective cohort study in urban and rural Uganda. <i>AIDS Research and Therapy</i> , 2018 , 15, 15	3	7
54	HIV-1 Drug Resistance Among Ugandan Adults Attending an Urban Out-Patient Clinic. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018 , 78, 566-573	3.1	7
53	Describing Point of Entry into Care and Being Lost to Program in a Cohort of HIV Positive Pregnant Women in a Large Urban Centre in Uganda. <i>AIDS Research and Treatment</i> , 2017 , 2017, 3527563	2.3	6

52	Antiretroviral treatment Long-Term (ALT) cohort: a prospective cohort of 10 years of ART-experienced patients in Uganda. <i>BMJ Open</i> , 2018 , 8, e015490	3	6
51	Cohort profile of a study on outcomes related to tuberculosis and antiretroviral drug concentrations in Uganda: design, methods and patient characteristics of the SOUTH study. <i>BMJ Open</i> , 2017 , 7, e014679	3	6
50	Strengthening the "Viral Failure Pathway": Clinical Decision and Outcomes of Patients With Confirmed Viral Failure in a Large HIV Care Clinic in Uganda. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015 , 70, e174-6	3.1	6
49	Low isoniazid and rifampicin concentrations in TB/HIV co-infected patients in Uganda. <i>Journal of the International AIDS Society</i> , 2014 , 17, 19585	5.4	6
48	Bending the Arc towards Equitable Partnerships in Global Health and Applied Training. <i>Annals of Global Health</i> , 2019 , 85, 130	3.3	6
47	Importance of routine viral load monitoring: higher levels of resistance at ART failure in Uganda and Lesotho compared with Switzerland. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 468-472	5.1	6
46	An Interactive Voice Response Software to Improve the Quality of Life of People Living With HIV in Uganda: Randomized Controlled Trial. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e22229	5.5	5
45	High efavirenz serum concentrations in TB/HIV-coinfected Ugandan adults with a CYP2B6 516 TT genotype on anti-TB treatment. <i>Journal of Antimicrobial Chemotherapy</i> , 2019 , 74, 135-138	5.1	5
44	Psychosocial correlates of regular syphilis and HIV screening practices among female sex workers in Uganda: a cross-sectional survey. <i>AIDS Research and Therapy</i> , 2019 , 16, 28	3	4
43	Incidence rate of sexually transmitted infections among HIV infected patients on long-term ART in an urban and a rural clinic in Uganda. <i>BMC Public Health</i> , 2019 , 19, 87	4.1	4
42	An observational study in an urban Ugandan clinic comparing virological outcomes of patients switched from first-line antiretroviral regimens to second-line regimens containing ritonavir-boosted atazanavir or ritonavir-boosted lopinavir. <i>BMC Infectious Diseases</i> , 2019 , 19, 280	4	4
41	Low Antituberculosis Drug Concentrations in HIV-Tuberculosis-Coinfected Adults with Low Body Weight: Is It Time To Update Dosing Guidelines?. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	4
40	Increasing retention of HIV positive pregnant and breastfeeding mothers on option-b plus by upgrading and providing full time HIV services at a lower health facility in rural Uganda. <i>BMC Public Health</i> , 2019 , 19, 950	4.1	4
39	Estimating the effect of pretreatment loss to follow up on TB associated mortality at public health facilities in Uganda. <i>PLoS ONE</i> , 2020 , 15, e0241611	3.7	4
38	Global estimates of viral suppression in children and adolescents and adults on antiretroviral therapy adjusted for missing viral load measurements: a multiregional, retrospective cohort study in 31 countries. <i>Lancet HIV,the</i> , 2021 , 8, e766-e775	7.8	3
37	The Potential Teratogenicity Alert for Women Conceiving on Dolutegravir-Based Regimens: An Assessment of Risk Communication by an Urban HIV Clinic in Uganda and Choices made by Women. <i>Drug Safety</i> , 2020 , 43, 1133-1140	5.1	3
36	Text message reminders and peer education increase HIV and Syphilis testing among female sex workers: a pilot quasi-experimental study in Uganda. <i>BMC Health Services Research</i> , 2021 , 21, 436	2.9	3
35	Acceptability of a Mobile Phone Support Tool (Call for Life Uganda) for Promoting Adherence to Antiretroviral Therapy Among Young Adults in a Randomized Controlled Trial: Exploratory Qualitative Study. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e17418	5.5	3

34	Describing the retention in care of human immunodeficiency virus-positive young adults who transition from adolescent to adult care. <i>International Health</i> , 2018 , 10, 318-320	2.4	3
33	Evaluation of the Management of Patients with Detectable Viral Load after the Implementation of Routine Viral Load Monitoring in an Urban HIV Clinic in Uganda. <i>AIDS Research and Treatment</i> , 2019 , 2019, 9271450	2.3	2
32	Cost-Effectiveness of Peer-Delivered HIV Self-Tests for MSM in Uganda. <i>Frontiers in Public Health</i> , 2021 , 9, 651325	6	2
31	Virological Outcome of Patients With HIV Drug Resistance Attending an Urban Outpatient Clinic in Uganda: A Need for Structured Adherence Counseling and Third-Line Treatment Options. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019 , 80, 481-487	3.1	2
30	Comparison of different cardiovascular risk tools used in HIV patient cohorts in sub-Saharan Africa; do we need to include laboratory tests?. <i>PLoS ONE</i> , 2021 , 16, e0243552	3.7	2
29	Gaps related to screening and diagnosis of tuberculosis in care cascade in selected health facilities in East Africa countries: A retrospective study. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2021 , 25, 100278	2.1	2
28	Longer-term effectiveness of protease-inhibitor-based second line antiretroviral therapy in four large sub-Saharan African clinics. <i>Journal of Infection</i> , 2019 , 78, 402-408	18.9	1
27	Calcaneal Quantitative Ultrasonography and Urinary Retinol-Binding Protein in Antiretroviral-Treated Patients With Human Immunodeficiency Virus in Uganda: A Pilot Study. <i>Journal of Infectious Diseases</i> , 2020 , 222, 263-272	7	1
26	Significant rates of risky sexual behaviours among HIV-infected patients failing first-line ART: A sub-study of the Europe-Africa Research Network for the Evaluation of Second-line Therapy trial. <i>International Journal of STD and AIDS</i> , 2018 , 29, 287-297	1.4	1
25	Different modalities of entry in a large urban clinic in Uganda and impact on outcomes of patients assessing HIV care and treatment. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2017 , 29, 259-262	2.2	1
24	Implementing routine physical function screening among elderly HIV-positive patients in Uganda. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2020 , 32, 1467-1470	2.2	1
23	Outcomes of retained and disengaged pregnant women living with HIV in Uganda. <i>PLoS ONE</i> , 2021 , 16, e0251413	3.7	1
22	Gaps in TB preventive therapy for persons initiating antiretroviral therapy in Uganda: an explanatory sequential cascade analysis. <i>International Journal of Tuberculosis and Lung Disease</i> , 2021 , 25, 388-394	2.1	1
21	Antiretroviral concentration measurements as an additional tool to manage virologic failure in resource limited settings: a case control study. <i>AIDS Research and Therapy</i> , 2019 , 16, 39	3	1
20	"I felt very small and embarrassed by the health care provider when I requested to be tested for syphilis": barriers and facilitators of regular syphilis and HIV testing among female sex workers in Uganda. <i>BMC Public Health</i> , 2021 , 21, 1982	4.1	0
19	Spectrum of antibiotic resistance in UTI caused by <i>Escherichia coli</i> among HIV-infected patients in Uganda: a cross-sectional study. <i>BMC Infectious Diseases</i> , 2021 , 21, 1179	4	0
18	Patient experiences of switching from Efavirenz- to Dolutegravir-based antiretroviral therapy: a qualitative study in Uganda. <i>BMC Infectious Diseases</i> , 2021 , 21, 1154	4	0
17	Patient and health system factors associated with pretreatment loss to follow up among patients diagnosed with tuberculosis using Xpert [®] MTB/RIF testing in Uganda. <i>BMC Public Health</i> , 2020 , 20, 1855 ^{4.1}	4.1	0

16	Circulating levels of angiogenic factors and their association with preeclampsia among pregnant women at Mulago National Referral Hospital in Uganda. <i>PLoS ONE</i> , 2021 , 16, e0251227	3.7	○
15	Low bone mass in people living with HIV on long-term anti-retroviral therapy: A single center study in Uganda. <i>PLoS ONE</i> , 2021 , 16, e0246389	3.7	○
14	Heme oxygenase-1 and neopterin plasma/serum levels and their role in diagnosing active and latent TB among HIV/TB co-infected patients: a cross sectional study. <i>BMC Infectious Diseases</i> , 2021 , 21, 711	4	○
13	Chronic obstructive pulmonary disease prevalence and associated factors in an urban HIV clinic in a low income country. <i>PLoS ONE</i> , 2021 , 16, e0256121	3.7	○
12	Virologic suppression and associated factors in HIV infected Ugandan female sex workers: a cross-sectional study. <i>African Health Sciences</i> , 2021 , 21, 603-613	1.1	○
11	A situation analysis of competences of research ethics committee members regarding review of research protocols with complex and emerging study designs in Uganda. <i>BMC Medical Ethics</i> , 2021 , 22, 132	2.9	○
10	Willingness to pay for an mHealth anti-retroviral therapy adherence and information tool: Transitioning to sustainability, Call for life randomised study experience in Uganda.. <i>BMC Medical Informatics and Decision Making</i> , 2022 , 22, 52	3.6	○
9	Association between integrase strand transfer inhibitor (INSTIs) use with insulin resistance and incident diabetes mellitus in persons living with HIV: A systematic review and meta-analysis protocol.. <i>PLoS ONE</i> , 2022 , 17, e0264792	3.7	○
8	Challenges in Assessing Outcomes among Infants of Pregnant HIV-Positive Women Receiving ART in Uganda. <i>AIDS Research and Treatment</i> , 2017 , 2017, 3202737	2.3	
7	Reply to van Griensven et al. <i>Clinical Infectious Diseases</i> , 2008 , 46, 322-322	11.6	
6	Hyperglycaemia and pharmacokinetics of rifampicin/isoniazid among TB-HIV co-infected patients in Kampala, Uganda. <i>International Journal of Tuberculosis and Lung Disease</i> , 2020 , 24, 1234-1240	2.1	
5	A high prevalence of hepatitis B virus infection in pregnant, South-South migrating African women: The need for routine screening, vaccination and follow up. <i>Travel Medicine and Infectious Disease</i> , 2020 , 37, 101650	8.4	
4	HIV and syphilis testing behaviors among heterosexual male and female sex workers in Uganda. <i>AIDS Research and Therapy</i> , 2020 , 17, 48	3	
3	Out of sight, out of mind? PA follow-up on HIV-infected patients with drug-resistant pulmonary tuberculosis in Uganda: A case series. <i>SAGE Open Medical Case Reports</i> , 2021 , 9, 2050313X211019790	0.7	
2	Adoption of evidence-informed guidelines in prescribing protease inhibitors for HIV-Tuberculosis co-infected patients on rifampicin and effects on HIV treatment outcomes in Uganda. <i>BMC Infectious Diseases</i> , 2021 , 21, 822	4	
1	Intrapreneurship and technological innovation in optimizing qualitative research as evidenced at Infectious Diseases Institute, Uganda.. <i>Journal of Innovation and Entrepreneurship</i> , 2021 , 10, 47	3.2	