## Andrea Ciaranello

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4439388/publications.pdf

Version: 2024-02-01

117 2,642 29 45 papers citations h-index g-index

127 127 127 4130 all docs docs citations times ranked citing authors

#	Article	IF	CITATIONS
1	Early infant HIV-1 diagnosis programs in resource-limited settings: opportunities for improved outcomes and more cost-effective interventions. BMC Medicine, 2011, 9, 59.	5.5	158
2	Sustainable HIV treatment in Africa through viral-load-informed differentiated care. Nature, 2015, 528, S68-S76.	27.8	141
3	The Neurobiology of Infantile Autism. Annual Review of Neuroscience, 1995, 18, 101-128.	10.7	138
4	Effectiveness of Pediatric Antiretroviral Therapy in Resourceâ€Limited Settings: A Systematic Review and Metaâ€analysis. Clinical Infectious Diseases, 2009, 49, 1915-1927.	5.8	107
5	Transcriptional Changes during Naturally Acquired Zika Virus Infection Render Dendritic Cells Highly Conducive to Viral Replication. Cell Reports, 2017, 21, 3471-3482.	6.4	74
6	Cost-effectiveness of public health strategies for COVID-19 epidemic control in South Africa: a microsimulation modelling study. The Lancet Global Health, 2021, 9, e120-e129.	6.3	71
7	Scaling Up the 2010 World Health Organization HIV Treatment Guidelines in Resource-Limited Settings: A Model-Based Analysis. PLoS Medicine, 2010, 7, e1000382.	8.4	70
8	Optimizing Antiretroviral Therapy (ART) for Maternal and Child Health (MCH): Rationale and Design of the MCH-ART Study. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 72, S189-S196.	2.1	66
9	College Campuses and COVID-19 Mitigation: Clinical and Economic Value. Annals of Internal Medicine, 2021, 174, 472-483.	3.9	64
10	What Will It Take to Eliminate Pediatric HIV? Reaching WHO Target Rates of Mother-to-Child HIV Transmission in Zimbabwe: A Model-Based Analysis. PLoS Medicine, 2012, 9, e1001156.	8.4	53
11	Clinical Impact and Cost-effectiveness of Diagnosing HIV Infection During Early Infancy in South Africa: Test Timing and Frequency. Journal of Infectious Diseases, 2016, 214, 1319-1328.	4.0	52
12	Clinical Impact, Costs, and Cost-effectiveness of Expanded Severe Acute Respiratory Syndrome Coronavirus 2 Testing in Massachusetts. Clinical Infectious Diseases, 2021, 73, e2908-e2917.	5.8	52
13	Projecting 10-year, 20-year, and Lifetime Risks of Cardiovascular Disease in Persons Living With Human Immunodeficiency Virus in the United States. Clinical Infectious Diseases, 2017, 65, 1266-1271.	5.8	48
14	Association of Risk of Viremia, Immunosuppression, Serious Clinical Events, and Mortality With Increasing Age in Perinatally Human Immunodeficiency Virus–Infected Youth. JAMA Pediatrics, 2017, 171, 450.	6.2	48
15	Risks and Benefits of Dolutegravir- and Efavirenz-Based Strategies for South African Women With HIV of Child-Bearing Potential. Annals of Internal Medicine, 2019, 170, 614.	3.9	48
16	Clinical Outcomes, Costs, and Cost-effectiveness of Strategies for Adults Experiencing Sheltered Homelessness During the COVID-19 Pandemic. JAMA Network Open, 2020, 3, e2028195.	5.9	48
17	Cost-effectiveness of World Health Organization 2010 Guidelines for Prevention of Mother-to-Child HIV Transmission in Zimbabwe. Clinical Infectious Diseases, 2013, 56, 430-446.	5.8	47
18	Improving estimates of children living with HIV from the Spectrum AIDS Impact Model. Aids, 2017, 31, S13-S22.	2.2	47

#	Article	IF	CITATIONS
19	Cost-effectiveness of different strategies to monitor adults on antiretroviral treatment: a combined analysis of three mathematical models. The Lancet Global Health, 2014, 2, e35-e43.	6.3	44
20	WHO 2010 Guidelines for Prevention of Mother-to-Child HIV Transmission in Zimbabwe: Modeling Clinical Outcomes in Infants and Mothers. PLoS ONE, 2011, 6, e20224.	2.5	41
21	Cost-Effectiveness of Long-Acting Injectable HIV Preexposure Prophylaxis in the United States. Annals of Internal Medicine, 2022, 175, 479-489.	3.9	37
22	The Anticipated Clinical and Economic Effects of 90–90–90 in South Africa. Annals of Internal Medicine, 2016, 165, 325.	3.9	36
23	Integrase inhibitors in late pregnancy and rapid HIV viral load reduction. American Journal of Obstetrics and Gynecology, 2016, 214, 385.e1-385.e7.	1.3	36
24	Clinical effect and cost-effectiveness of incorporation of point-of-care assays into early infant HIV diagnosis programmes in Zimbabwe: a modelling study. Lancet HIV,the, 2019, 6, e182-e190.	4.7	36
25	Severe morbidity and mortality in untreated HIV-infected children in a paediatric care programme in Abidjan, CÃ te d'Ivoire, 2004-2009. BMC Infectious Diseases, 2011, 11, 182.	2.9	34
26	Costâ€Effectiveness of Laboratory Monitoring in Subâ€Saharan Africa: A Review of the Current Literature. Clinical Infectious Diseases, 2010, 51, 85-92.	5.8	33
27	Cost-effectiveness of first-line antiretroviral therapy for HIV-infected African children less than 3 years of age. Aids, 2015, 29, 1247-1259.	2.2	33
28	Universal SARS-CoV-2 testing on admission to the labor and delivery unit: Low prevalence among asymptomatic obstetric patients. Infection Control and Hospital Epidemiology, 2020, 41, 1095-1096.	1.8	33
29	Characteristics of HIV-2 and HIV-1/HIV-2 Dually Seropositive Adults in West Africa Presenting for Care and Antiretroviral Therapy: The leDEA-West Africa HIV-2 Cohort Study. PLoS ONE, 2013, 8, e66135.	2.5	32
30	The value of confirmatory testing in early infant HIV diagnosis programmes in South Africa: A cost-effectiveness analysis. PLoS Medicine, 2017, 14, e1002446.	8.4	30
31	Brachial artery ligation with total graft excision is a safe and effective approach to prosthetic arteriovenous graft infections. Journal of Vascular Surgery, 2008, 48, 655-658.	1.1	29
32	Validation and Calibration of a Computer Simulation Model of Pediatric HIV Infection. PLoS ONE, 2013, 8, e83389.	2.5	29
33	Antiretroviral drugs for preventing mother-to-child transmission of HIV in sub-Saharan Africa: balancing efficacy and infant toxicity. Aids, 2008, 22, 2359-2369.	2.2	28
34	The Clinical and Economic Impact of Genotype Testing at First-line Antiretroviral Therapy Failure for HIV-Infected Patients in South Africa. Clinical Infectious Diseases, 2013, 56, 587-597.	5.8	26
35	Passing the Test: A Model-Based Analysis of Safe School-Reopening Strategies. Annals of Internal Medicine, 2021, 174, 1090-1100.	3.9	26
36	Optimizing responses to drug safety signals in pregnancy: the example of dolutegravir and neural tube defects. Journal of the International AIDS Society, 2019, 22, e25352.	3.0	25

#	Article	IF	CITATIONS
37	Progressive Granulomatous Pneumonitis in Response to Cosmetic Subcutaneous Silicone Injections in a Patient With HIV-1 Infection: Case Report and Review of the Literature. Archives of Pathology and Laboratory Medicine, 2012, 136, 204-207.	2.5	24
38	Diagnosis and clinical outcomes of extrapulmonary tuberculosis in antiretroviral therapy programmes in low―and middle―ncome countries: a multicohort study. Journal of the International AIDS Society, 2019, 22, e25392.	3.0	24
39	Incidence of World Health Organization Stage 3 and 4 Events, Tuberculosis and Mortality in Untreated, HIV-infected Children Enrolling in Care Before 1 Year of Age. Pediatric Infectious Disease Journal, 2014, 33, 623-629.	2.0	23
40	Impact of Birth HIV-PCR Testing on the Uptake of Follow-up Early Infant Diagnosis Services in Cape Town, South Africa. Pediatric Infectious Disease Journal, 2017, 36, 1159-1164.	2.0	23
41	The Optimal Age for Screening Adolescents and Young Adults Without Identified Risk Factors for HIV. Journal of Adolescent Health, 2018, 62, 22-28.	2.5	23
42	First-line antiretroviral therapy after single-dose nevirapine exposure in South Africa: a cost-effectiveness analysis of the OCTANE trial. Aids, 2011, 25, 479-492.	2.2	21
43	Weekly SARS-CoV-2 screening of asymptomatic kindergarten to grade 12 students and staff helps inform strategies for safer in-person learning. Cell Reports Medicine, 2021, 2, 100452.	6.5	21
44	Estimating age-based antiretroviral therapy costs for HIV-infected children in resource-limited settings based on World Health Organization weight-based dosing recommendations. BMC Health Services Research, 2014, 14, 201.	2.2	20
45	Patient characteristics associated with SARSâ€CoVâ€2 infection in parturients admitted for labour and delivery in Massachusetts during the spring 2020 surge: A prospective cohort study. Paediatric and Perinatal Epidemiology, 2021, 35, 24-33.	1.7	20
46	Genetics of Major Psychiatric Disorders. Annual Review of Medicine, 1991, 42, 151-158.	12.2	17
47	Access to Medications and Medical Care After Participation in HIV Clinical Trials: A Systematic Review of Trial Protocols and Informed Consent Documents. HIV Clinical Trials, 2009, 10, 13-24.	2.0	17
48	Cost-Effectiveness of a Package of Interventions for Expedited Antiretroviral Therapy Initiation During Pregnancy in Cape Town, South Africa. AIDS and Behavior, 2014, 18, 697-705.	2.7	17
49	A Test-to-Stay Modified Quarantine Program for COVID-19 in Schools. Pediatrics, 2022, 149, .	2.1	17
50	Resistance in Pediatric Patients Experiencing Virologic Failure With First-line and Second-line Antiretroviral Therapy. Pediatric Infectious Disease Journal, 2013, 32, 644-647.	2.0	15
51	Clinical, Laboratory, and Radiologic Characteristics of Patients With Initial False-Negative Severe Acute Respiratory Syndrome Coronavirus 2 Nucleic Acid Amplification Test Results. Open Forum Infectious Diseases, 2021, 8, ofaa559.	0.9	15
52	Tuberculosis in Pediatric Antiretroviral Therapy Programs in Low- and Middle-Income Countries: Diagnosis and Screening Practices. Journal of the Pediatric Infectious Diseases Society, 2015, 4, 30-38.	1.3	14
53	Maternal Zika Virus Infection. Obstetrics and Gynecology, 2019, 134, 1197-1204.	2.4	14
54	Providing Health Care Services to the Formerly Homeless: A Quasi-Experimental Evaluation. Journal of Health Care for the Poor and Underserved, 2006, 17, 441-461.	0.8	13

#	Article	IF	CITATIONS
55	Estimating the Cost of Point-of-Care Early Infant Diagnosis in a Program Setting: A Case Study Using Abbott m-PIMA and Cepheid GeneXpert IV in Zimbabwe. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 84, S63-S69.	2.1	13
56	What is needed to eliminate new pediatric HIV infections. Current Opinion in HIV and AIDS, 2013, 8, 457-466.	3.8	12
57	Simulation Modeling and Metamodeling to Inform National and International HIV Policies for Children and Adolescents. Journal of Acquired Immune Deficiency Syndromes (1999), 2018, 78, S49-S57.	2.1	12
58	Partners-based HIV treatment for seroconcordant couples attending antenatal and postnatal care in rural Mozambique: A cluster randomized trial protocol. Contemporary Clinical Trials, 2018, 71, 63-69.	1.8	12
59	Strengthening Existing Laboratory-Based Systems vs. Investing in Point-of-Care Assays for Early Infant Diagnosis of HIV: A Model-Based Cost-Effectiveness Analysis. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 84, S12-S21.	2.1	12
60	The Video intervention to Inspire Treatment Adherence for Life (VITAL Start): protocol for a multisite randomized controlled trial of a brief video-based intervention to improve antiretroviral adherence and retention among HIV-infected pregnant women in Malawi. Trials, 2020, 21, 207.	1.6	12
61	Point-of-Care CD4 Testing to Inform Selection of Antiretroviral Medications in South African Antenatal Clinics: A Cost-Effectiveness Analysis. PLoS ONE, 2015, 10, e0117751.	2.5	12
62	Triggered Escalating Real-Time Adherence Intervention to Promote Rapid HIV Viral Suppression Among Youth Living With HIV Failing Antiretroviral Therapy: Protocol for a Triggered Escalating Real-Time Adherence Intervention. JMIR Research Protocols, 2019, 8, e11416.	1.0	12
63	Model-Estimated Association Between Simulated US Elementary School–Related SARS-CoV-2 Transmission, Mitigation Interventions, and Vaccine Coverage Across Local Incidence Levels. JAMA Network Open, 2022, 5, e2147827.	5.9	12
64	Estimated Transmission Outcomes and Costs of SARS-CoV-2 Diagnostic Testing, Screening, and Surveillance Strategies Among a Simulated Population of Primary School Students. JAMA Pediatrics, 2022, 176, 679.	6.2	11
65	Optimal breastfeeding durations for HIVâ€exposed infants: the impact of maternal <scp>ART</scp> use, infant mortality and replacement feeding risk. Journal of the International AIDS Society, 2018, 21, e25107.	3.0	10
66	Cost-effectiveness of integrating postpartum antiretroviral therapy and infant care into maternal & Los ONE, 2019, 14, e0225104.	2.5	10
67	Safer Conception Strategies for HIV-Serodiscordant Couples: How Safe Is Safe Enough?: Table 1 Journal of Infectious Diseases, 2015, 212, 1525-1528.	4.0	9
68	Prenatal Transmission of Syphilis and Human Immunodeficiency Virus in Brazil: Achieving Regional Targets for Elimination. Open Forum Infectious Diseases, 2015, 2, ofv073.	0.9	9
69	Development of a surgical workforce access team in the battle against COVID-19. Journal of Vascular Surgery, 2020, 72, 414-417.	1.1	9
70	More on Clinical Characteristics of Pregnant Women with Covid-19 in Wuhan, China. New England Journal of Medicine, 2020, 383, 696-697.	27.0	9
71	Lessons Learned From Implementation of SARS-CoV-2 Screening in K-12 Public Schools in Massachusetts. Open Forum Infectious Diseases, 2021, 8, ofab287.	0.9	9
72	Cost-effectiveness of Coronavirus Disease 2019 Vaccination in Low- and Middle-Income Countries. Journal of Infectious Diseases, 2022, 226, 1887-1896.	4.0	9

#	Article	IF	CITATIONS
73	Timeâ€varying age―and CD4â€stratified rates of mortality and WHO stage 3 and stage 4 events in children, adolescents and youth 0 to 24 years living with perinatally acquired HIV, before and after antiretroviral therapy initiation in the paediatric leDEA Global Cohort Consortium. Journal of the International AIDS Society, 2020, 23, e25617.	3.0	8
74	Coronavirus Disease 2019 (COVID-19) Diagnostic Clinical Decision Support: A Pre-Post Implementation Study of CORAL (COvid Risk cALculator). Clinical Infectious Diseases, 2021, 73, 2248-2256.	5.8	8
75	Individualizing the WHO HIV and infant feeding guidelines. Aids, 2014, 28, S287-S299.	2.2	7
76	Cost-effectiveness of Frequent HIV Screening Among High-risk Young Men Who Have Sex With Men in the United States. Clinical Infectious Diseases, 2021, 73, e1927-e1935.	5.8	7
77	Do not forget the children: a modelâ€based analysis on the potential impact of COVIDâ€19â€associated interruptions in paediatric HIV prevention and care. Journal of the International AIDS Society, 2022, 25, e25864.	3.0	7
78	Developing and Validating Metamodels of a Microsimulation Model of Infant HIV Testing and Screening Strategies Used in a Decision Support Tool for Health Policy Makers. MDM Policy and Practice, 2020, 5, 238146832093289.	0.9	6
79	Immune-profiling of ZIKV-infected patients identifies a distinct function of plasmacytoid dendritic cells for immune cross-regulation. Nature Communications, 2020, 11, 2421.	12.8	6
80	Higher Acuity Resource Utilization With Older Age and Poorer HIV Control in Adolescents and Young Adults in the HIV Research Network. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 83, 424-433.	2.1	6
81	Model-Based Methods to Translate Adolescent Medicine Trials Network for HIV/AIDS Interventions Findings Into Policy Recommendations: Rationale and Protocol for a Modeling Core (ATN 161). JMIR Research Protocols, 2019, 8, e9898.	1.0	6
82	Improving the Youth HIV Prevention and Care Cascades: Innovative Designs in the Adolescent Trials Network for HIV/AIDS Interventions. AIDS Patient Care and STDs, 2019, 33, 388-398.	2.5	5
83	Comparison of guidelines for HIV viral load monitoring among pregnant and breastfeeding women in sub-Saharan Africa. Aids, 2020, 34, 311-315.	2.2	5
84	Optimizing infant HIV diagnosis with additional screening at immunization clinics in three subâ€Saharan African settings: a costâ€effectiveness analysis. Journal of the International AIDS Society, 2021, 24, e25651.	3.0	5
85	Modeling Adherence Interventions Among Youth with HIV in the United States: Clinical and Economic Projections. AIDS and Behavior, 2021, 25, 2973-2984.	2.7	5
86	Using Data and Modeling to Understand the Risks of In-Person Education. JAMA Network Open, 2021, 4, e214619.	5.9	5
87	Age-specific mortality rate ratios in adolescents and youth aged 10–24 years living with perinatally versus nonperinatally acquired HIV. Aids, 2021, 35, 625-632.	2.2	5
88	Morbidity and Health care Resource Utilization in HIV-Infected Children After Antiretroviral Therapy Initiation in Cà te d'Ivoire, 2004–2009. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, e95-e103.	2.1	4
89	HIV Testing After a First Positive Rapid Diagnostic Test: A Role for Nucleic Acid Testing?. Open Forum Infectious Diseases, 2018, 5, ofy170.	0.9	4
90	The potential for quality assurance systems to save costs and lives: the case of early infant diagnosis of HIV. Tropical Medicine and International Health, 2020, 25, 1235-1245.	2.3	4

#	Article	IF	Citations
91	Costs of Care of HIV-Infected Children Initiating Lopinavir/Ritonavir-Based Antiretroviral Therapy before the Age of Two in Cote d'Ivoire. PLoS ONE, 2016, 11, e0166466.	2.5	4
92	Health Care Resource Utilization in Untreated HIV-Infected Children in A Pediatric Programme, Abidjan, CÑte d'Ivoire, 2004–2009. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 62, e14-e21.	2.1	3
93	Case 6-2018: A 35-Year-Old Woman with Headache, Subjective Fever, and Anemia. New England Journal of Medicine, 2018, 378, 753-760.	27.0	3
94	Provider―and patientâ€level costs associated with providing antiretroviral therapy during the postpartum phase to women living with HIV in South Africa: A cost comparison of three postpartum models of care. Tropical Medicine and International Health, 2020, 25, 1553-1567.	2.3	3
95	Weight-for-age distributions among children with HIV on antiretroviral therapy in the International epidemiology Databases to Evaluate AIDS (IeDEA) multiregional consortium. BMC Research Notes, 2020, 13, 249.	1.4	3
96	Refining global HIV estimates for decisionâ€making: advances in analytic and modelling methods used by the Joint United Nations Programme on HIV/AIDS. Journal of the International AIDS Society, 2021, 24, e25790.	3.0	3
97	Case 4-2022: A 55-Year-Old Man with Bilateral Hearing Loss and Eye Redness. New England Journal of Medicine, 2022, 386, 583-590.	27.0	3
98	Perspectives on the use of modelling and economic analysis to guide HIV programmes in sub-Saharan Africa. Lancet HIV,the, 2022, 9, e517-e520.	4.7	3
99	Cost-Effectiveness of Preemptive Switching to Efavirenz-Based Antiretroviral Therapy for Children With Human Immunodeficiency Virus. Open Forum Infectious Diseases, 2019, 6, of2276.	0.9	2
100	Rapid report on estimating incidence from cross-sectional data. Annals of Epidemiology, 2021, 53, 106-108.e1.	1.9	2
101	Outcomes from an infectious disease physician-guided evaluation of hospitalized persons under investigation for coronavirus disease 2019 (COVID-19) at a large US academic medical center. Infection Control and Hospital Epidemiology, 2021, 42, 344-347.	1.8	2
102	Cost-effectiveness of Routine Provider-Initiated Testing and Counseling for Children With Undiagnosed HIV in South Africa. Open Forum Infectious Diseases, 2022, 9, ofab603.	0.9	2
103	The Neurobiology of Infantile Autism. Neuroscientist, 1995, 1, 361-367.	3.5	1
104	2520. Resource utilization in adolescents and young adults with HIV in the HIV Research Network. Open Forum Infectious Diseases, 2019, 6, S875-S876.	0.9	1
105	Front-Line Human Resource Time-Use for Early Infant HIV Diagnosis: A Comparative Time-Motion Study at Centralized and Point-of-Care Health Facilities in Zimbabwe. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 84, S70-S77.	2.1	1
106	Six Feet and the Classroom. Clinical Infectious Diseases, 2021, 73, 1879-1881.	5.8	1
107	Case 21-2021: A 33-Year-Old Pregnant Woman with Fever, Abdominal Pain, and Headache. New England Journal of Medicine, 2021, 385, 265-274.	27.0	1
108	Protocol-driven intensive outpatient management of pregnant patients with symptomatic COVID-19. Open Forum Infectious Diseases, 2020, 7, ofaa524.	0.9	1

#	Article	IF	CITATIONS
109	Vesiculopapular Rash. Clinical Infectious Diseases, 2006, 43, 1308-1308.	5.8	O
110	21: Integrase strand transfer inhibitors given to HIV-infected women late in pregnancy decrease HIV viral load more quickly than other antiretroviral therapy (ART). American Journal of Obstetrics and Gynecology, 2016, 214, S16.	1.3	0
111	Screening Adolescents and Young Adults for HIV in the United States: A Cost-Effectiveness Analysis. Journal of Adolescent Health, 2017, 60, S18.	2.5	O
112	Improving estimates of children living with HIV from the Spectrum AIDS Impact Model. Aids, 2017, 31, 1351.	2.2	0
113	Cost-Effectiveness of Alternative HIV Screening Strategies for Young Men WHO Have Sex with Men in the United States. Journal of Adolescent Health, 2018, 62, S3.	2.5	O
114	An Inpatient HIV Support Nurse to Promote Engagement in Outpatient HIV Care. Journal of the Association of Nurses in AIDS Care, 2019, 30, 245-248.	1.0	0
115	Evaluating Point-of-Care Nucleic Acid Tests in Adult Human Immunodeficiency Virus Diagnostic Strategies: A Côte d'Ivoire Modeling Analysis. Open Forum Infectious Diseases, 2021, 8, ofab225.	0.9	O
116	Time for a Change: Optimizing Drug Data and Informed Choice in Pregnancy. Annals of Internal Medicine, 2021, , .	3.9	0
117	Resources Required for Implementation of <scp>SARSâ€CoV</scp> â€2 Screening in Massachusetts Kâ€12 Public Schools in Winter/Spring 2021. Journal of School Health, 2022, 92, 474-484.	1.6	0