Andrea Ciaranello

List of Publications by Year
in descending order

117	2,642	172457	233421
papers	citations	29 h-index	45 g-index

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

#	Article	IF	Citations
1	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
2	Cost-Effectiveness of Long-Acting Injectable HIV Preexposure Prophylaxis in the United States. Annals of Internal Medicine, 2022, 175, 479-489.	3.9	37
3	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
4	A Test-to-Stay Modified Quarantine Program for COVID-19 in Schools. Pediatrics, 2022, 149, .	2.1	17
5	Model-Estimated Association Between Simulated US Elementary Schoolâ€"Related SARS-CoV-2 Transmission, Mitigation Interventions, and Vaccine Coverage Across Local Incidence Levels. JAMA Network Open, 2022, 5, e2147827.	5.9	12
6	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
7	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
8	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
9	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
10	Cost-effectiveness of Coronavirus Disease 2019 Vaccination in Low- and Middle-Income Countries. Journal of Infectious Diseases, 2022, 226, 1887-1896.	4.0	9
11	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
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	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
14	Rapid report on estimating incidence from cross-sectional data. Annals of Epidemiology, 2021, 53, 106-108.e1.	1.9	2
15	College Campuses and COVID-19 Mitigation: Clinical and Economic Value. Annals of Internal Medicine, 2021, 174, 472-483.	3.9	64
16	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
17	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
18	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

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19	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
20	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
21	Six Feet and the Classroom. Clinical Infectious Diseases, 2021, 73, 1879-1881.	5.8	1
22	Using Data and Modeling to Understand the Risks of In-Person Education. JAMA Network Open, 2021, 4, e214619.	5.9	5
23	Evaluating Point-of-Care Nucleic Acid Tests in Adult Human Immunodeficiency Virus Diagnostic Strategies: A CÃ´te dâ€™Ivoire Modeling Analysis. Open Forum Infectious Diseases, 2021, 8, ofab225.	0.9	0
24	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
25	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
26	Passing the Test: A Model-Based Analysis of Safe School-Reopening Strategies. Annals of Internal Medicine, 2021, 174, 1090-1100.	3.9	26
27	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
28	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
29	Age-specific mortality rate ratios in adolescents and youth aged 10â€“24 years living with perinatally versus nonperinatally acquired HIV. Aids, 2021, 35, 625-632.	2.2	5
30	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
31	Time for a Change: Optimizing Drug Data and Informed Choice in Pregnancy. Annals of Internal Medicine, 2021, , .	3.9	0
32	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
33	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
34	Timeâ€varying ageâ€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 IeDEA Global Cohort Consortium. Journal of the International AIDS Society, 2020, 23, e25617.	3.0	8
35	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
36	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

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37	Providerâ€•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
38	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
39	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
40	Development of a surgical workforce access team in the battle against COVID-19. Journal of Vascular Surgery, 2020, 72, 414-417.	1.1	9
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	Protocol-driven intensive outpatient management of pregnant patients with symptomatic COVID-19. Open Forum Infectious Diseases, 2020, 7, ofaa524.	0.9	1
49	Cost-Effectiveness of Preemptive Switching to Efavirenz-Based Antiretroviral Therapy for Children With Human Immunodeficiency Virus. Open Forum Infectious Diseases, 2019, 6, ofz276.	0.9	2
50	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
51	Diagnosis and clinical outcomes of extrapulmonary tuberculosis in antiretroviral therapy programmes in lowâ€•and middleâ€income countries: a multicohort study. Journal of the International AIDS Society, 2019, 22, e25392.	3.0	24
52	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
53	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
54	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

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55	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
56	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
57	Cost-effectiveness of integrating postpartum antiretroviral therapy and infant care into maternal & child health services in South Africa. PLoS ONE, 2019, 14, e0225104.	2.5	10
58	Maternal Zika Virus Infection. Obstetrics and Gynecology, 2019, 134, 1197-1204.	2.4	14
59	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
60	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
61	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
62	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
63	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
64	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	0
65	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
66	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
67	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
68	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
69	Screening Adolescents and Young Adults for HIV in the United States: A Cost-Effectiveness Analysis. Journal of Adolescent Health, 2017, 60, S18.	2.5	0
70	Association of Risk of Viremia, Immunosuppression, Serious Clinical Events, and Mortality With Increasing Age in Perinatally Human Immunodeficiency Virusâ€“Infected Youth. JAMA Pediatrics, 2017, 171, 450.	6.2	48
71	Improving estimates of children living with HIV from the Spectrum AIDS Impact Model. Aids, 2017, 31, S13-S22.	2.2	47
72	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

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73	Improving estimates of children living with HIV from the Spectrum AIDS Impact Model. Aids, 2017, 31, 1351.	2.2	0
74	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
75	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
76	The Anticipated Clinical and Economic Effects of 90â€“90â€“90 in South Africa. Annals of Internal Medicine, 2016, 165, 325.	3.9	36
77	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
78	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
79	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
80	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
81	Costs of Care of HIV-Infected Children Initiating Lopinavir/Ritonavir-Based Antiretroviral Therapy before the Age of Two in Cote dâ€™Ivoire. PLoS ONE, 2016, 11, e0166466.	2.5	4
82	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
83	Sustainable HIV treatment in Africa through viral-load-informed differentiated care. Nature, 2015, 528, S68-S76.	27.8	141
84	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
85	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
86	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
87	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
88	Individualizing the WHO HIV and infant feeding guidelines. Aids, 2014, 28, S287-S299.	2.2	7
89	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
90	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

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91	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
92	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
93	Morbidity and Health care Resource Utilization in HIV-Infected Children After Antiretroviral Therapy Initiation in CÃ´te d'Ivoire, 2004â€“2009. Journal of Acquired Immune Deficiency Syndromes (1999), 2014, 65, e95-e103.	2.1	4
94	Health Care Resource Utilization in Untreated HIV-Infected Children in A Pediatric Programme, Abidjan, CÃ´te d'Ivoire, 2004â€“2009. Journal of Acquired Immune Deficiency Syndromes (1999), 2013, 62, e14-e21.	2.1	3
95	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
96	What is needed to eliminate new pediatric HIV infections. Current Opinion in HIV and AIDS, 2013, 8, 457-466.	3.8	12
97	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
98	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
99	Characteristics of HIV-2 and HIV-1/HIV-2 Dually Seropositive Adults in West Africa Presenting for Care and Antiretroviral Therapy: The IeDEA-West Africa HIV-2 Cohort Study. PLoS ONE, 2013, 8, e66135.	2.5	32
100	Validation and Calibration of a Computer Simulation Model of Pediatric HIV Infection. PLoS ONE, 2013, 8, e83389.	2.5	29
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	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

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109	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
110	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
111	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
112	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
113	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
114	Vesiculopapular Rash. Clinical Infectious Diseases, 2006, 43, 1308-1308.	5.8	0
115	The Neurobiology of Infantile Autism. Annual Review of Neuroscience, 1995, 18, 101-128.	10.7	138
116	The Neurobiology of Infantile Autism. Neuroscientist, 1995, 1, 361-367.	3.5	1
117	Genetics of Major Psychiatric Disorders. Annual Review of Medicine, 1991, 42, 151-158.	12.2	17