

# HÃ©lÃ¨ne C F CÃ¢tÃ©

## List of Publications by Year in descending order

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63  
papers

2,193  
citations

257357

24  
h-index

223716

46  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2630  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in Mitochondrial DNA as a Marker of Nucleoside Toxicity in HIV-Infected Patients. <i>New England Journal of Medicine</i> , 2002, 346, 811-820.	13.9	591
2	Association Between Short Leukocyte Telomere Length and HIV Infection in a Cohort Study: No Evidence of a Relationship With Antiretroviral Therapy. <i>Clinical Infectious Diseases</i> , 2014, 58, 1322-1332.	2.9	82
3	Mitochondrial:Nuclear DNA Ratios in Peripheral Blood Cells from Human Immunodeficiency Virus (HIV)â€”Infected Patients Who Received Selected HIV Antiretroviral Drug Regimens. <i>Journal of Infectious Diseases</i> , 2003, 187, 1972-1976.	1.9	81
4	Exploring Mitochondrial Nephrotoxicity as a Potential Mechanism of Kidney Dysfunction among HIV-Infected Patients on Highly Active Antiretroviral Therapy. <i>Antiviral Therapy</i> , 2006, 11, 79-86.	0.6	78
5	Optimizing the Dose of Glutamine Dipeptides and Antioxidants in Critically Ill Patients: A Phase I Doseâ€”Finding Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2007, 31, 109-118.	1.3	68
6	Decreased skeletal muscle mitochondrial DNA in patients with statin-induced myopathy. <i>Journal of the Neurological Sciences</i> , 2013, 325, 142-147.	0.3	68
7	In Vitro and Ex Vivo Inhibition of Human Telomerase by Anti-HIV Nucleoside Reverse Transcriptase Inhibitors (NRTIs) but Not by Non-NRTIs. <i>PLoS ONE</i> , 2012, 7, e47505.	1.1	66
8	Mitochondrial Toxicity in the Era of HAART: Evaluating Venous Lactate and Peripheral Blood Mitochondrial DNA in HIV-Infected Patients Taking Antiretroviral Therapy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2003, 34, S85-S90.	0.9	61
9	Survival of Effector CD8+ T Cells during Influenza Infection Is Dependent on Autophagy. <i>Journal of Immunology</i> , 2015, 194, 4277-4286.	0.4	59
10	Blood and Dried Blood Spot Telomere Length Measurement by qPCR: Assay Considerations. <i>PLoS ONE</i> , 2013, 8, e57787.	1.1	57
11	Impaired NLRP3 inflammasome activity during fetal development regulates ILâ€”1 <sup>2</sup> production in human monocytes. <i>European Journal of Immunology</i> , 2015, 45, 238-249.	1.6	53
12	Leukocyte Telomere Length in HIV-Infected and HIV-Exposed Uninfected Children: Shorter Telomeres with Uncontrolled HIV Viremia. <i>PLoS ONE</i> , 2012, 7, e39266.	1.1	47
13	Assessment of precision and concordance of quantitative mitochondrial DNA assays: a collaborative international quality assurance study. <i>Journal of Clinical Virology</i> , 2003, 27, 97-110.	1.6	45
14	Perinatal Exposure to Antiretroviral Therapy Is Associated with Increased Blood Mitochondrial DNA Levels and Decreased Mitochondrial Gene Expression in Infants. <i>Journal of Infectious Diseases</i> , 2008, 198, 851-859.	1.9	44
15	Possible Ways Nucleoside Analogues Can Affect Mitochondrial Dna Content and Gene Expression during HIV Therapy. <i>Antiviral Therapy</i> , 2005, 10, 3-11.	0.6	42
16	Updating the Free Radical Theory of Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 575645.	1.8	39
17	Optimization of a Relative Telomere Length Assay by Monochromatic Multiplex Real-Time Quantitative PCR on the LightCycler 480. <i>Journal of Molecular Diagnostics</i> , 2016, 18, 425-437.	1.2	36
18	Changes in metabolic toxicity after switching from stavudine/didanosine to tenofovir/lamivudine--a Staccato trial substudy. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 1340-1343.	1.3	34

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19	Competing Factors Link to Bone Health in Polycystic Ovary Syndrome: Chronic Low-Grade Inflammation Takes a Toll. <i>Scientific Reports</i> , 2017, 7, 3432.	1.6	34
20	Inhibition of glutamineâ€dependent autophagy increases tã€PA production in CHO Cell fedã€batch processes. <i>Biotechnology and Bioengineering</i> , 2012, 109, 1228-1238.	1.7	33
21	Select Neurocognitive Impairment in HIV-Infected Women: Associations with HIV Viral Load, Hepatitis C Virus, and Depression, but Not Leukocyte Telomere Length. <i>PLoS ONE</i> , 2014, 9, e89556.	1.1	30
22	Quality assessment of human mitochondrial DNA quantification: MITONAUTS, an international multicentre survey. <i>Mitochondrion</i> , 2011, 11, 520-527.	1.6	29
23	Leukocyte Telomere Length in HIV-Infected Pregnant Women Treated With Antiretroviral Drugs During Pregnancy and Their Uninfected Infants. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 60, 495-502.	0.9	29
24	Lower mitochondrial DNA and altered mitochondrial fuel metabolism in HIV-exposed uninfected infants in Cameroon. <i>Aids</i> , 2017, 31, 2475-2481.	1.0	28
25	Cognitive and language outcomes in HIV-uninfected infants exposed to combined antiretroviral therapy in utero and through extended breast-feeding. <i>Aids</i> , 2014, 28, S323-S330.	1.0	27
26	Mitochondrial DNA somatic mutation burden and heteroplasmy are associated with chronological age, smoking, and HIV infection. <i>Aging Cell</i> , 2019, 18, e13018.	3.0	27
27	Soluble CD163 Is Associated With Shortened Telomere Length in HIV-Infected Patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2014, 67, 414-418.	0.9	26
28	Childhood Personality, Betrayal Trauma, and Leukocyte Telomere Length in Adulthood: A Lifespan Perspective on Conscientiousness and Betrayal Traumas as Predictors of a Biomarker of Cellular Ageing. <i>European Journal of Personality</i> , 2016, 30, 426-437.	1.9	25
29	Elevated Cell-Free Mitochondrial DNA in Filtered Plasma Is Associated With HIV Infection and Inflammation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2018, 78, 111-118.	0.9	25
30	Mechanisms of antiretroviral therapy-induced mitochondrial dysfunction. <i>Current Opinion in HIV and AIDS</i> , 2007, 2, 253-260.	1.5	23
31	Possible ways nucleoside analogues can affect mitochondrial DNA content and gene expression during HIV therapy. <i>Antiviral Therapy</i> , 2005, 10 Suppl 2, M3-11.	0.6	22
32	Platelet mtDNA content and leukocyte count influence whole blood mtDNA content. <i>Mitochondrion</i> , 2020, 52, 108-114.	1.6	21
33	Exploring mitochondrial nephrotoxicity as a potential mechanism of kidney dysfunction among HIV-infected patients on highly active antiretroviral therapy. <i>Antiviral Therapy</i> , 2006, 11, 79-86.	0.6	21
34	Rapid Decrease in Peripheral Blood Mononucleated Cell Telomere Length After HIV Seroconversion, but Not HCV Seroconversion. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2017, 76, e29-e32.	0.9	20
35	Longitudinal effects of thymidine analogues on mtDNA, mtRNA and multidrug resistance (MDR-1) induction in cultured cells. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 61, 1048-1052.	1.3	19
36	Longitudinal increases in mitochondrial DNA levels in blood cells are associated with survival in critically ill patients. <i>Critical Care</i> , 2007, 11, R88.	2.5	18

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37	Blood mitochondrial DNA mutations in HIV-infected women and their infants exposed to HAART during pregnancy. <i>Aids</i> , 2012, 26, 675-683.	1.0	17
38	Neurodevelopmental outcomes and in-utero antiretroviral exposure in HIV-exposed uninfected children. <i>Aids</i> , 2018, 32, 2583-2592.	1.0	17
39	A Monochrome Multiplex Real-Time Quantitative PCR Assay for the Measurement of Mitochondrial DNA Content. <i>Journal of Molecular Diagnostics</i> , 2018, 20, 612-620.	1.2	16
40	Blood Mitochondrial DNA Content in HIV-Exposed Uninfected Children with Autism Spectrum Disorder. <i>Viruses</i> , 2018, 10, 77.	1.5	15
41	Innate Immune Responses and Gut Microbiomes Distinguish HIV-Exposed from HIV-Unexposed Children in a Population-Specific Manner. <i>Journal of Immunology</i> , 2020, 205, 2618-2628.	0.4	13
42	Childhood Conscientiousness and Leukocyte Telomere Length 40 Years Later in Adult WomenâPreliminary Findings of a Prospective Association. <i>PLoS ONE</i> , 2015, 10, e0134077.	1.1	11
43	Elevated Blood Mitochondrial DNA in Early Life Among Uninfected Children Exposed to Human Immunodeficiency Virus and Combination Antiretroviral Therapy in utero. <i>Journal of Infectious Diseases</i> , 2021, 223, 621-631.	1.9	10
44	Neurological development of children who are HIVâexposed and uninfected. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1161-1170.	1.1	9
45	Health Care Provider Utilization and Cost of an mHealth Intervention in Vulnerable People Living With HIV in Vancouver, Canada: Prospective Study. <i>JMIR MHealth and UHealth</i> , 2018, 6, e152.	1.8	9
46	Endocrine abnormalities in <sc>HIV</sc>âinfected women are associated with peak viral load â the Children and Women: AntiRetrovirals and Markers of Aging (<sc>CARMA</sc>) Cohort. <i>Clinical Endocrinology</i> , 2016, 84, 452-462.	1.2	8
47	Age-related mitochondrial alterations in brain and skeletal muscle of the YAC128 model of Huntington disease. <i>Npj Aging and Mechanisms of Disease</i> , 2021, 7, 26.	4.5	8
48	Dynamics of leukocyte telomere length in pregnant women living with HIV, and HIV-negative pregnant women: A longitudinal observational study. <i>PLoS ONE</i> , 2019, 14, e0212273.	1.1	7
49	Leukocyte Telomere Length in HIV Infection: A Marker of Persistent Immune Aging or Transient Immune Reconstitution?. <i>Journal of Infectious Diseases</i> , 2018, 218, 1521-1522.	1.9	6
50	Leukocyte Telomere Length at Birth and During the Early Life of Children Exposed to but Uninfected With HIV After In Utero Exposure to Antiretrovirals. <i>Journal of Infectious Diseases</i> , 2018, 217, 710-720.	1.9	5
51	Exploring the live birth rates of women living with HIV in British Columbia, Canada. <i>PLoS ONE</i> , 2019, 14, e0211434.	1.1	5
52	Inverse relationship between leukocyte telomere length attrition and blood mitochondrial DNA content loss over time. <i>Aging</i> , 2020, 12, 15196-15221.	1.4	4
53	Higher Hospitalization Rates in Children Born HIV-exposed Uninfected in British Columbia, Canada, Between 1990 and 2012. <i>Pediatric Infectious Disease Journal</i> , 2022, 41, 124-130.	1.1	4
54	Quantification of mitochondrial toxicity in HIVâinfected individuals by quantitative PCR compared to flow cytometry. <i>Cytometry Part B - Clinical Cytometry</i> , 2013, 84B, 55-58.	0.7	3

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55	Evidence of Subclinical mtDNA Alterations in HIV-Infected Pregnant Women Receiving Combination Antiretroviral Therapy Compared to HIV-Negative Pregnant Women. <i>PLoS ONE</i> , 2015, 10, e0135041.	1.1	3
56	Relationship of Telomere Length to Fat Redistribution in HIV. <i>Open Forum Infectious Diseases</i> , 2020, 7, ofaa523.	0.4	3
57	HIV therapy, hepatitis C virus infection, antibiotics and obesity, a mitochondria killer mix?. <i>Aids</i> , 2006, 20, 1343-1345.	1.0	2
58	Age and education effects on adultsâ€™ performance on the Brazilian version of the Montreal Communication Evaluation Battery. <i>Aphasiology</i> , 2015, 29, 1219-1234.	1.4	2
59	Daily Oral Supplementation with 60 mg of Elemental Iron for 12 Weeks Alters Blood Mitochondrial DNA Content, but Not Leukocyte Telomere Length in Cambodian Women. <i>Nutrients</i> , 2021, 13, 1877.	1.7	2
60	Liver ultrastructural morphology and mitochondrial DNA levels in HIV/hepatitis C virus coinfection: no evidence of mitochondrial damage with highly active antiretroviral therapy. <i>Aids</i> , 2008, 22, 1226-1229.	1.0	1
61	Shorter Granulocyte Telomeres Among Children and Adolescents With Perinatally Acquired Human Immunodeficiency Virus Infection and Chronic Lung Disease in Zimbabwe. <i>Clinical Infectious Diseases</i> , 2020, 73, e2043-e2051.	2.9	1
62	British Columbia CARMA-CHIWOS Collaboration (BCC3): protocol for a community-collaborative cohort study examining healthy ageing with and for women living with HIV. <i>BMJ Open</i> , 2021, 11, e046558.	0.8	1
63	Stressing the need for validated measures of cortisol in HIV research: A scoping review. <i>HIV Medicine</i> , 2022, 23, 880-894.	1.0	1