

Helene C F Cote

List of Publications by Citations

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59
papers

1,747
citations

21
h-index

41
g-index

66
ext. papers

1,981
ext. citations

5.4
avg. IF

4.18
L-index

#	Paper	IF	Citations
59	Changes in mitochondrial DNA as a marker of nucleoside toxicity in HIV-infected patients. <i>New England Journal of Medicine</i> , 2002 , 346, 811-20	59.2	537
58	Mitochondrial:nuclear DNA ratios in peripheral blood cells from human immunodeficiency virus (HIV)-infected patients who received selected HIV antiretroviral drug regimens. <i>Journal of Infectious Diseases</i> , 2003 , 187, 1972-6	7	74
57	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, 1322-32	11.6	66
56	Optimizing the dose of glutamine dipeptides and antioxidants in critically ill patients: a phase I dose-finding study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2007 , 31, 109-18	4.2	60
55	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	1.6	59
54	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 Suppl 1, S85-90	3.1	55
53	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	3.7	53
52	Blood and dried blood spot telomere length measurement by qPCR: assay considerations. <i>PLoS ONE</i> , 2013 , 8, e57787	3.7	52
51	Decreased skeletal muscle mitochondrial DNA in patients with statin-induced myopathy. <i>Journal of the Neurological Sciences</i> , 2013 , 325, 142-7	3.2	51
50	Survival of effector CD8+ T cells during influenza infection is dependent on autophagy. <i>Journal of Immunology</i> , 2015 , 194, 4277-86	5.3	47
49	Impaired NLRP3 inflammasome activity during fetal development regulates IL-1 β production in human monocytes. <i>European Journal of Immunology</i> , 2015 , 45, 238-49	6.1	42
48	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	14.5	42
47	Leukocyte telomere length in HIV-infected and HIV-exposed uninfected children: shorter telomeres with uncontrolled HIV viremia. <i>PLoS ONE</i> , 2012 , 7, e39266	3.7	41
46	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, 851-9	7	35
45	Inhibition of glutamine-dependent autophagy increases t-PA production in CHO cell fed-batch processes. <i>Biotechnology and Bioengineering</i> , 2012 , 109, 1228-38	4.9	32
44	Changes in metabolic toxicity after switching from stavudine/didanosine to tenofovir/lamivudine--a Staccato trial substudy. <i>Journal of Antimicrobial Chemotherapy</i> , 2008 , 61, 1340-3	5.1	31
43	Optimization of a Relative Telomere Length Assay by Monochromatic Multiplex Real-Time Quantitative PCR on the LightCycler 480: Sources of Variability and Quality Control Considerations. <i>Journal of Molecular Diagnostics</i> , 2016 , 18, 425-437	5.1	27

42	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	3.1	26
41	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	3.7	25
40	Quality assessment of human mitochondrial DNA quantification: MITONAUTS, an international multicentre survey. <i>Mitochondrion</i> , 2011 , 11, 520-7	4.9	24
39	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	1.6	22
38	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 Suppl 3, S323-30	3.5	21
37	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	1.6	21
36	Competing Factors Link to Bone Health in Polycystic Ovary Syndrome: Chronic Low-Grade Inflammation Takes a Toll. <i>Scientific Reports</i> , 2017 , 7, 3432	4.9	20
35	Mechanisms of antiretroviral therapy-induced mitochondrial dysfunction. <i>Current Opinion in HIV and AIDS</i> , 2007 , 2, 253-60	4.2	20
34	Lower mitochondrial DNA and altered mitochondrial fuel metabolism in HIV-exposed uninfected infants in Cameroon. <i>Aids</i> , 2017 , 31, 2475-2481	3.5	18
33	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	3.1	18
32	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 Aging. <i>European Journal of Personality</i> , 2016 , 30, 426-437	5.1	17
31	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, 1048-52	5.1	17
30	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	3.1	16
29	Mitochondrial DNA somatic mutation burden and heteroplasmy are associated with chronological age, smoking, and HIV infection. <i>Aging Cell</i> , 2019 , 18, e13018	9.9	16
28	Longitudinal increases in mitochondrial DNA levels in blood cells are associated with survival in critically ill patients. <i>Critical Care</i> , 2007 , 11, R88	10.8	16
27	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	3.1	15
26	Blood mitochondrial DNA mutations in HIV-infected women and their infants exposed to HAART during pregnancy. <i>Aids</i> , 2012 , 26, 675-83	3.5	15
25	Possible Ways Nucleoside Analogues Can Affect Mitochondrial Dna Content and Gene Expression during HIV Therapy. <i>Antiviral Therapy</i> , 2005 , 10, 3-11	1.6	12

24	Blood Mitochondrial DNA Content in HIV-Exposed Uninfected Children with Autism Spectrum Disorder. <i>Viruses</i> , 2018 , 10,	6.2	11
23	Childhood Conscientiousness and Leukocyte Telomere Length 40 Years Later in Adult Women--Preliminary Findings of a Prospective Association. <i>PLoS ONE</i> , 2015 , 10, e0134077	3.7	11
22	Updating the Free Radical Theory of Aging. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 575645	5.7	11
21	Neurodevelopmental outcomes and in-utero antiretroviral exposure in HIV-exposed uninfected children. <i>Aids</i> , 2018 , 32, 2583-2592	3.5	10
20	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	5.1	9
19	Platelet mtDNA content and leukocyte count influence whole blood mtDNA content. <i>Mitochondrion</i> , 2020 , 52, 108-114	4.9	8
18	Endocrine abnormalities in HIV-infected women are associated with peak viral load - the Children and Women: AntiRetrovirals and Markers of Aging (CARMA) Cohort. <i>Clinical Endocrinology</i> , 2016 , 84, 452-62	3.4	5
17	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	3.7	4
16	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	7	4
15	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	5.5	4
14	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	5.3	4
13	Quantification of mitochondrial toxicity in HIV-infected individuals by quantitative PCR compared to flow cytometry. <i>Cytometry Part B - Clinical Cytometry</i> , 2013 , 84, 55-8	3.4	3
12	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	7	3
11	Exploring the live birth rates of women living with HIV in British Columbia, Canada. <i>PLoS ONE</i> , 2019 , 14, e0211434	3.7	2
10	Age and education effects on adults performance on the Brazilian version of the Montreal Communication Evaluation Battery. <i>Aphasiology</i> , 2015 , 29, 1219-1234	1.6	2
9	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	3.7	2
8	HIV therapy, hepatitis C virus infection, antibiotics and obesity, a mitochondria killer mix?. <i>Aids</i> , 2006 , 20, 1343-5	3.5	2
7	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, 1226-9	3.5	1

6	Inverse relationship between leukocyte telomere length attrition and blood mitochondrial DNA content loss over time. <i>Aging</i> , 2020 , 12, 15196-15221	5.6	1
5	Relationship of Telomere Length to Fat Redistribution in HIV. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa523	1	1
4	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> , 2021 , 73, e2043-e2051	11.6	1
3	Neurological development of children who are HIV-exposed and uninfected. <i>Developmental Medicine and Child Neurology</i> , 2021 , 63, 1161-1170	3.3	1
2	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	5.5	0
1	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	2	0