

Carla Osiowy

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

2,221
citations

257357

24
h-index

243529

44
g-index

100
all docs

100
docs citations

100
times ranked

2281
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of endothelial cells via antibody-enhanced dengue virus infection of peripheral blood monocytes. <i>Journal of Virology</i> , 1997, 71, 4226-4232.	1.5	180
2	Occult hepatitis B virus infection in a North American adult hemodialysis patient population. <i>Hepatology</i> , 2004, 40, 1072-1077.	3.6	130
3	Molecular Evolution of Hepatitis B Virus over 25 Years. <i>Journal of Virology</i> , 2006, 80, 10307-10314.	1.5	130
4	Direct Detection of Respiratory Syncytial Virus, Parainfluenza Virus, and Adenovirus in Clinical Respiratory Specimens by a Multiplex Reverse Transcription-PCR Assay. <i>Journal of Clinical Microbiology</i> , 1998, 36, 3149-3154.	1.8	129
5	Activation of AP-1 signal transduction pathway by SARS coronavirus nucleocapsid protein. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 870-876.	1.0	115
6	Evaluation of the INNO-LiPA HBV Genotyping Assay for Determination of Hepatitis B Virus Genotype. <i>Journal of Clinical Microbiology</i> , 2003, 41, 5473-5477.	1.8	108
7	Factors associated with vaccine failure and vertical transmission of hepatitis B among a cohort of Canadian mothers and infants. <i>Journal of Viral Hepatitis</i> , 2011, 18, 468-473.	1.0	99
8	Classification of Hepatitis B Virus Genotype B into 2 Major Types Based on Characterization of a Novel Subgenotype in Arctic Indigenous Populations. <i>Journal of Infectious Diseases</i> , 2007, 196, 1487-1492.	1.9	92
9	Hepatitis B virus genotype G epidemiology and co-infection with genotype A in Canada. <i>Journal of General Virology</i> , 2008, 89, 3009-3015.	1.3	78
10	Detection of rtN236T and rtA181V/T Mutations Associated with Resistance to Adefovir Dipivoxil in Samples from Patients with Chronic Hepatitis B Virus Infection by the INNO-LiPA HBV DR Line Probe Assay (Version 2). <i>Journal of Clinical Microbiology</i> , 2006, 44, 1994-1997.	1.8	62
11	Management of Hepatitis B Virus Infection: 2018 Guidelines from the Canadian Association for the Study of Liver Disease and Association of Medical Microbiology and Infectious Disease Canada. <i>Canadian Liver Journal</i> , 2018, 1, 156-217.	0.3	56
12	Response to long-term lamivudine treatment (up to 5 years) in patients with severe chronic hepatitis B, role of genotype and drug resistance. <i>Journal of Viral Hepatitis</i> , 2005, 12, 398-404.	1.0	45
13	Distribution of Viral Hepatitis in Indigenous Populations of North America and the Circumpolar Arctic. <i>Antiviral Therapy</i> , 2013, 18, 467-473.	0.6	42
14	Genetic diversity of hepatitis B virus genotypes B6, D and F among circumpolar indigenous individuals. <i>Journal of Viral Hepatitis</i> , 2013, 20, 122-130.	1.0	37
15	Rapid detection of hepatitis B virus mutations using real-time PCR and melting curve analysis. <i>Hepatology</i> , 2002, 36, 723-728.	3.6	36
16	Distinct geographical and demographic distribution of hepatitis B virus genotypes in the Canadian Arctic as revealed through an extensive molecular epidemiological survey. <i>Journal of Viral Hepatitis</i> , 2011, 18, e11-9.	1.0	36
17	Virology and clinical sequelae of long-term antiviral therapy in a North American cohort of hepatitis B virus (HBV)/human immunodeficiency virus type 1 (HIV-1) co-infected patients. <i>Journal of Clinical Virology</i> , 2013, 57, 103-108.	1.6	35
18	Hepatitis B infection is highly prevalent among patients presenting with jaundice in Kenya. <i>BMC Infectious Diseases</i> , 2016, 16, 101.	1.3	35

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19	Sensitive Detection of HBsAg Mutants by a Cap Ligase Chain Reaction Assay. <i>Journal of Clinical Microbiology</i> , 2002, 40, 2566-2571.	1.8	33
20	Detection of HBsAg mutants. <i>Journal of Medical Virology</i> , 2006, 78, S48-S51.	2.5	33
21	Novel Biomarkers of Hepatitis B Virus and Their Use in Chronic Hepatitis B Patient Management. <i>Viruses</i> , 2021, 13, 951.	1.5	31
22	Antibody-dependent enhancement of respiratory syncytial virus infection by sera from young infants. <i>Vaccine Journal</i> , 1994, 1, 670-677.	2.6	30
23	Hepatitis B virus (<scp>HBV</scp>) variants fluctuate in paired plasma and peripheral blood mononuclear cells among patient cohorts during different chronic hepatitis B (<scp>CHB</scp>) disease phases. <i>Journal of Viral Hepatitis</i> , 2015, 22, 416-426.	1.0	29
24	Tracing hepatitis B virus (HBV) genotype B5 (formerly B6) evolutionary history in the circumpolar Arctic through phylogeographic modelling. <i>PeerJ</i> , 2017, 5, e3757.	0.9	29
25	Molecular characterization of hepatitis B virus and a 9-year clinical profile in a patient infected with genotype I. <i>Journal of Medical Virology</i> , 2010, 82, 942-948.	2.5	26
26	Genotype D amongst injection drug users with acute hepatitis B virus infection in British Columbia. <i>Journal of Viral Hepatitis</i> , 2009, 16, 64-73.	1.0	24
27	Detection of Human Herpesvirus 6 DNA in Serum by a Microplate PCR-Hybridization Assay. <i>Journal of Clinical Microbiology</i> , 1998, 36, 68-72.	1.8	24
28	Dried blood spot specimens for SARS-CoV-2 antibody testing: A multi-site, multi-assay comparison. <i>PLoS ONE</i> , 2021, 16, e0261003.	1.1	24
29	Virological characteristics of occult hepatitis B virus in a North American cohort of human immunodeficiency virus type 1-positive patients on dual active anti-HBV/HIV therapy. <i>Journal of Clinical Virology</i> , 2014, 60, 347-353.	1.6	23
30	Compartmental HBV evolution and replication in liver and extrahepatic sites after nucleos(tide) analogue therapy in chronic hepatitis B carriers. <i>Journal of Clinical Virology</i> , 2017, 94, 8-14.	1.6	22
31	Epidemiologic and clinical features of chronic hepatitis B virus infection in 8 Canadian provinces: a descriptive study by the Canadian HBV Network. <i>CMAJ Open</i> , 2019, 7, E610-E617.	1.1	22
32	Characterization of hepatitis B virus genotypes and quantitative hepatitis B surface antigen titres in North American tertiary referral liver centres. <i>Liver International</i> , 2013, 33, 1363-1369.	1.9	20
33	Characterization of Acute and Chronic Hepatitis B Virus Genotypes in Canada. <i>PLoS ONE</i> , 2015, 10, e0136074.	1.1	20
34	Detection of TT virus in human hair and skin. <i>Hepatology Research</i> , 2000, 16, 155-162.	1.8	19
35	Oncogenic HBV variants and integration are present in hepatic and lymphoid cells derived from chronic HBV patients. <i>Cancer Letters</i> , 2020, 480, 39-47.	3.2	18
36	Identification and characterization of a G-quadruplex structure in the pre-core promoter region of hepatitis B virus covalently closed circular DNA. <i>Journal of Biological Chemistry</i> , 2021, 296, 100589.	1.6	18

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37	Characterization of occult hepatitis B in high-risk populations in Kenya. PLoS ONE, 2020, 15, e0233727.	1.1	17
38	The interaction between hepatitis B virus X protein and AIB1 oncogene is required for the activation of NF- κ B signal transduction. Biochemical and Biophysical Research Communications, 2012, 423, 6-12.	1.0	14
39	Detection of Hepatitis B Virus (HBV) Genomes and HBV Drug Resistant Variants by Deep Sequencing Analysis of HBV Genomes in Immune Cell Subsets of HBV Mono-Infected and/or Human Immunodeficiency Virus Type-1 (HIV-1) and HBV Co-Infected Individuals. PLoS ONE, 2015, 10, e0137568.	1.1	14
40	Deep sequencing shows low-level oncogenic hepatitis B virus variants persists post-liver transplant despite potent anti-HBV prophylaxis. Journal of Viral Hepatitis, 2018, 25, 724-732.	1.0	13
41	Differences in HBV Replication, APOBEC3 Family Expression, and Inflammatory Cytokine Levels Between Wild-Type HBV and Pre-core (G1896A) or Basal Core Promoter (A1762T/G1764A) Mutants. Frontiers in Microbiology, 2020, 11, 1653.	1.5	13
42	Hepatitis B Virus Genotype G forms core-like particles with unique structural properties. Journal of Viral Hepatitis, 2011, 18, 443-448.	1.0	12
43	Practical guidance for clinical laboratories for SARS-CoV-2 serology testing. Canada Communicable Disease Report, 2021, 47, 171-183.	0.6	12
44	Hepatitis B Virus (HBV) Variants in Untreated and Tenofovir Treated Chronic Hepatitis B (CHB) Patients during Pregnancy and Post-Partum Follow-Up. PLoS ONE, 2015, 10, e0140070.	1.1	12
45	From infancy and beyond ensuring a lifetime of hepatitis B virus (HBV) vaccine-induced immunity. Human Vaccines and Immunotherapeutics, 2018, 14, 2093-2097.	1.4	11
46	A paucity of liver disease in Canadian Inuit with chronic hepatitis B virus, subgenotype B6 infection. Journal of Viral Hepatitis, 2013, 20, 890-896.	1.0	10
47	Hepatitis B virus (HBV) genome detection and genotyping in virally suppressed patients using nested polymerase chain reaction-based Sanger sequencing. Diagnostic Microbiology and Infectious Disease, 2019, 93, 318-324.	0.8	10
48	Evaluation of commercial SARS-CoV-2 serological assays in Canadian public health laboratories. Diagnostic Microbiology and Infectious Disease, 2021, 101, 115412.	0.8	10
49	Neutralization of respiratory syncytial virus after cell attachment. Journal of Virology, 1995, 69, 1271-1274.	1.5	10
50	Molecular characterization and phylogenetic analysis of full-genome HBV subgenotype D3 sequences from Serbia. Infection, Genetics and Evolution, 2011, 11, 1475-1480.	1.0	9
51	Serological and molecular epidemiological outcomes after two decades of universal infant hepatitis B virus (HBV) vaccination in Nunavut, Canada. Vaccine, 2017, 35, 4515-4522.	1.7	9
52	Pretreatment Resistance to Hepatitis C Virus Protease Inhibitors Boceprevir/Telaprevir in Hepatitis C Subgenotype 1A-Infected Patients from Manitoba. Canadian Journal of Gastroenterology & Hepatology, 2013, 27, 414-416.	1.8	8
53	Stability of SARS-CoV-2 IgG in multiple laboratory conditions and blood sample types. Journal of Clinical Virology, 2021, 142, 104933.	1.6	8
54	Rapid Diagnostics for Hepatitis B and C Viruses in Low- and Middle-Income Countries. Frontiers in Virology, 2021, 1, .	0.7	8

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55	Molecular epidemiology and clinical characteristics of hepatitis D virus infection in Canada. <i>JHEP Reports</i> , 2022, 4, 100461.	2.6	8
56	The prevalence and long term outcome of occult hepatitis B virus infections in community based populations. <i>Journal of Medical Virology</i> , 2012, 84, 1369-1375.	2.5	7
57	Horizontal Transmission of Hepatitis B Virus From Mother to Child Due to Immune Escape Despite Immunoprophylaxis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2019, 68, e81-e84.	0.9	7
58	Viral hepatitis in the Arctic. A review from a Circumpolar Workshop on Viral hepatitis, ICCH13. <i>Alaska Medicine</i> , 2007, 49, 193-203.	0.1	7
59	Public Health Response to a Large-scale Endoscopy Infection Control Lapse in a Nonhospital Clinic. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2015, 26, 77-84.	0.7	6
60	Review of Laboratory Tests used in Monitoring Hepatitis B Response to Pegylated Interferon and Nucleos(t)ide Analog Therapy. <i>Current Treatment Options in Infectious Diseases</i> , 2016, 8, 177-193.	0.8	6
61	Chronic hepatitis B carriers with acute on chronic liver failure show increased HBV surface gene mutations, including immune escape variants. <i>Virology Journal</i> , 2017, 14, 203.	1.4	6
62	Distinct Hepatitis B and HIV co-infected populations in Canada. <i>Journal of Viral Hepatitis</i> , 2021, 28, 517-527.	1.0	6
63	Development and Evaluation of a Molecular Hepatitis A Virus Assay for Serum and Stool Specimens. <i>Viruses</i> , 2022, 14, 159.	1.5	6
64	Canadian blood suppliers: An expanding role in public health surveillance?. <i>Canada Communicable Disease Report</i> , 2022, 48, 124-130.	0.6	6
65	Establishing diagnostic criteria for occult hepatitis B virus infections in community based populations. <i>Journal of Medical Virology</i> , 2014, 86, 156-161.	2.5	5
66	Discordant diagnostic results due to a hepatitis B virus T123A HBsAg mutant. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 85, 328-333.	0.8	5
67	Long-Term Follow-up and Quantitative Hepatitis B Surface Antigen Monitoring in North American Chronic HBV Carriers. <i>Annals of Hepatology</i> , 2018, 17, 232-241.	0.6	5
68	Analysis of Hepatitis B Virus Genotype D in Greenland Suggests the Presence of a Novel Quasi-Subgenotype. <i>Frontiers in Microbiology</i> , 2020, 11, 602296.	1.5	5
69	Current challenges of severe acute respiratory syndrome coronavirus 2 seroprevalence studies among blood donors: A scoping review. <i>Vox Sanguinis</i> , 2022, 117, 476-487.	0.7	5
70	HIV and hepatitis C virus co-infection in Kenya. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 1377-1378.	4.6	4
71	Transmission of hepatitis D virus between spouses: A longitudinal study of the first reported Canadian case. <i>IDCases</i> , 2017, 8, 37-41.	0.4	4
72	Hepatitis B Virus Genotype G: The Odd Cousin of the Family. <i>Frontiers in Microbiology</i> , 2022, 13, 872766.	1.5	4

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73	Hepatitis B Virus Infection of Normal Hepatic Stem/Progenitor Cells. <i>Journal of Clinical and Experimental Hepatology</i> , 2019, 9, 34-42.	0.4	2
74	Hepatitis B virus elimination status and strategies in circumpolar countries, 2020. <i>International Journal of Circumpolar Health</i> , 2021, 80, 1986975.	0.5	2
75	684 IS VIRAL LOAD AT WEEK 48 PREDICTIVE OF ADEFOVIR RESISTANCE IN HBV PATIENTS RECEIVING ADEFOVIR FOR LAMIVUDINE RESISTANCE?. <i>Journal of Hepatology</i> , 2008, 48, S255.	1.8	1
76	Hepatitis B virus genotypes and unique recombinants circulating among outpatients in selected hospitals in Kenya. <i>International Journal of Infectious Diseases</i> , 2016, 45, 451-452.	1.5	1
77	Dynamics of Serum Quantitative Hepatitis B Surface Antigen Testing in Assessing Nucleos/Tide Analog Treatment Response and Disease Phenotype in Chronic Hepatitis B Patients in Canada. <i>Journal of Hepatology</i> , 2016, 64, S356.	1.8	1
78	Spontaneous Flares of Chronic Hepatitis B Virus in Hepatitis Be Antigen Negative Carriers Who Subsequently Clear Hepatitis B Surface Antigen. <i>Digestive Diseases and Sciences</i> , 2021, 66, 257-262.	1.1	1
79	607 THE UNIQUE STRUCTURAL PROPERTIES OF THE HEPATITIS B VIRUS GENOTYPE G CORE PROTEIN. <i>Journal of Hepatology</i> , 2010, 52, S239.	1.8	0
80	Prevalence of chronic hepatitis B in Canada. <i>BMJ, The</i> , 2014, 349, g5398-g5398.	3.0	0
81	P0538 : Tracing HBV genetic history in the arctic: Evidence for a central asian HBV origin in Greenland. <i>Journal of Hepatology</i> , 2015, 62, S517.	1.8	0
82	Occult hepatitis B virus persistence in liver transplant recipients despite prophylactic hepatitis B immune globulin and potent nucleos/tide analogues therapy. <i>Journal of Hepatology</i> , 2017, 66, S187-S188.	1.8	0
83	A189 NON-ALCOHOLIC FATTY LIVER DISEASE AND SEN-V INFECTION: AN INTERIM ANALYSIS. <i>Journal of the Canadian Association of Gastroenterology</i> , 2020, 3, 60-61.	0.1	0
84	Does SEN-V and other non-A-E hepatotropic viruses contribute to the development and progression of non-alcoholic fatty liver disease?. <i>Medical Hypotheses</i> , 2020, 137, 109528.	0.8	0
85	Guide pratique Ã l'intention des laboratoires cliniques pour les tests de sÃ©rologie du SRAS-CoV-2. <i>RelevÃ© Des Maladies Transmissibles Au Canada</i> , 2021, 47, 187-200.	0.0	0
86	Editorial: Origin and Evolution of Hepatitis Viruses. <i>Frontiers in Microbiology</i> , 2021, 12, 740255.	1.5	0
87	Hepatitis B vaccination for Canadian children: time for an adult conversation. <i>Cmaj</i> , 2021, 193, E26-E26.	0.9	0
88	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0
89	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0
90	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0

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91	Characterization of occult hepatitis B in high-risk populations in Kenya. , 2020, 15, e0233727.		0