

Publications, Department of Laboratory Medicine & Pathology (July 1, 2021 - June 30, 2022)

Person	DOI	Title	Venue	Volume	Issue	Page Numbers	Date Published	Peer Reviewed	Impact Factor	Impact Factor Source	Journal Rank By Field
Acker, Jason Paul	10.1111/trf.17022	Automated closed volume reduction process for apheresis stem cell grafts: From development to clinical implementation	TRANSFUSION				2022-01	Yes	3.157	Journal Citation Reports	4563
Acker, Jason Paul	10.1016/j.cca.2022.03.029	Development and validation of a sensitive flow cytometric method for determining CECs in RBC products	Clinica Chimica Acta	530		119-125	2022-05	Yes			
Acker, Jason Paul	10.1182/bloodadvances.2021006402	Donor-recipient sex is associated with transfusion-related outcomes in critically ill patients	Blood Advances	6	11	3260-3267	2022-06	Yes	6.686	Journal Citation Reports	1062
Acker, Jason Paul	10.1016/j.cryobiol.2021.04.002	High sub-zero organ preservation: A paradigm of nature-inspired strategies	CRYOBIOLOGY	102		15-26	2021-10	Yes	2.487	Journal Citation Reports	6200
Acker, Jason Paul	10.18433/jpps31843	in Vitro Effect of Methamphetamine on Proliferation, Differentiation and Apoptosis of Adipose Tissue Stem Cells	JOURNAL OF PHARMACY AND PHARMACEUTICAL	25		69-76	2022-01	Yes	2.327	Journal Citation Reports	6730
Acker, Jason Paul	10.1007/978-3-319-37076-7_68-1	Preservation and Storage of Cells for Therapy: Current Applications and Protocols	Cell Engineering and Regeneration				2022-06	No			
Acker, Jason Paul	10.1111/vox.13258	Survey of blood centre readiness regarding removal of DEHP from blood bag sets: The BEST Collaborative Study	VOX SANGUINIS	117	6	796-802	2022-06	Yes	2.144	Journal Citation Reports	7308
Acker, Jason Paul	10.1159/000520651	The Effect of Sex-Mismatched Red Blood Cell Transfusion on Endothelial Cell Activation in Critically Ill Patients	TRANSFUSION MEDICINE AND HEMOTHERAPY	49	2	98-106	2022-04	Yes	3.747	Journal Citation Reports	3429
Acker, Jason Paul	10.1016/j.jcyt.2021.09.006	The importance of evaluating differences in HES formulations used in hematopoietic progenitor cell cryopreservation	CYTOTHERAPY	24	3	223-224	2022-03	Yes	5.414	Journal Citation Reports	1660
Acker, Jason Paul	10.1016/j.cryobiol.2022.03.005	The response of a human haematopoietic cell line to trehalose-loaded liposomes and their effect on post-thaw membrane integrity	CRYOBIOLOGY	106		160-163	2022-06	Yes	2.487	Journal Citation Reports	6200
Acker, Jason Paul	10.1111/trf.16809	The timing of gamma irradiation and its effect on cell-free and microvesicle-bound hemoglobin. The BEST collaborative study	TRANSFUSION	62	4	751-757	2022-04	Yes	3.157	Journal Citation Reports	4563
Adam, Benjamin Alexander	10.1016/j.mayocp.2021.07.001	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury: A Multi-Omics Study	Mayo Clinic Proceedings	96	10	2561-2575	2021-10	Yes	7.616		
Adam, Benjamin Alexander	10.21873/anticancerres.15580	Bilateral Lung Transplant for Treatment of Idiopathic Pulmonary Fibrosis With Undetected Lung Adenocarcinoma: A Case Report	Anticancer Research	42	2	1157-1160	2022-02	Yes	2.48		
Adam, Benjamin Alexander	10.1111/ajt.16783	Diffuse C4d staining of peritubular capillaries in renal allograft following bamlanivimab therapy	American Journal of Transplantation	22	1	289-293	2022-01	Yes	8.086		
Adam, Benjamin Alexander	10.1364/BOE.443751	Fast hybrid optomechanical scanning photoacoustic remote sensing microscopy for virtual histology	Biomed Opt Express	13	1	39-47	2021-12	Yes	3.732		
Adam, Benjamin Alexander	10.2215/CJN.00920121	Gene expression profiling in kidney transplants with immune checkpoint inhibitor-associated adverse events	Clin J Am Soc Nephrol	16	9	1376-1386	2021-09	Yes	8.237		
Adam, Benjamin Alexander	10.1016/j.healun.2022.06.021	Lung allograft standardized histological analysis (LASHA) template: A research consensus proposal	Journal of Heart and Lung Transplantation				2022-01	Yes	10.247		
Adam, Benjamin Alexander	10.1007/s00432-022-03924-3	Risk stratification of gastrointestinal stromal tumors by Nanostring gene expression profiling	Journal of Cancer Research and Clinical Oncology	148	6	1325-1336	2022-06	Yes	4.553		
Adam, Benjamin Alexander	10.1016/j.athoracsurg.2021.09.045	Successful Long-Term Outcome After Transplantation of Lungs Affected by Smoke Inhalation Injury	Ann Thorac Surg	114	1	e25-e28	2022-06	Yes	4.33		

Bigras, Gilbert	10.1016/j.lungcan.2021.08.003	Canadian ROS proto-oncogene 1 study (CROS) for multi-institutional implementation of ROS1 testing in non-small cell lung cancer	Lung Cancer	160		127-135	2021-10	Yes			
Bigras, Gilbert	10.1016/j.heliyon.2021.e08666	DREAM, a possible answer to the estrogen paradox of the Women's Health Initiative Trial	Heliyon	8	1		2021-12	Yes			
Bigras, Gilbert	10.1007/s00432-022-03924-3	Risk stratification of gastrointestinal stromal tumors by Nanostring gene expression profiling	Journal of Cancer Research and Clinical	148	6	1325-1336	2022-01	Yes			
Bigras, Gilbert	10.1038/s41379-022-01104-9	Systematically higher Ki67 scores on core biopsy samples compared to corresponding resection specimen in breast cancer: a multi-operator and multi-institutional study	MODERN PATHOLOGY				2022-06	Yes	7.842	Journal Citation Reports	749
Brun, Miranda Marie	10.1016/j.clinbiochem.2021.07.017	Centralization of multisite reagent lot-to-lot validation for Ortho Clinical Vitros chemistry instruments	CLINICAL BIOCHEMISTRY	97		62-66	2021-11	Yes	3.281	Journal Citation Reports	4284
Campbell, Patricia Mary	10.1097/TP.0000000000003700	An Integrated Clinical and Genetic Prediction Model for Tacrolimus Levels in Pediatric Solid Organ Transplant Recipients	Transplantation	106	3	597-606	2022-03	Yes	4.9	website	3
Campbell, Patricia Mary	10.1016/j.transproceed.2021.07.025	Human Leukocyte Antigen Antibody Sampling in Ventricular Assist Device Recipients: Are We Talking?	Transplantation Proceedings	53	7	2377-2381	2021-09	Yes	1	google	
Campbell, Patricia Mary	10.1111/petr.14197	Immunologic benefits of maternal living donor allografts in pediatric liver transplantation: fewer rejection episodes and no evidence of de novo allosensitization	Pediatric Transplantation	26	3		2022-05	Yes	1.5	website	
Campbell, Patricia Mary	10.1681/ASN.2021121642	Immunosuppressant Medication Use in Patients with Kidney Allograft Failure: A Prospective Multi-Center Canadian Cohort Study	Journal of American Society of Nephrology	33	6	1182-1192	2022-06	Yes	14.98	jasn website	
Charlton, Carmen Lynn	10.1136/gutjnl-2021-325238	Antibody response to SARS-CoV-2 among individuals with IBD diminishes over time: a serosurveillance cohort study	Gut	71	6	1229-1231	2022-06	Yes	23.06		
Charlton, Carmen Lynn	10.1016/j.vaccine.2021.08.022	Detection of SARS-CoV-2 antibodies formed in response to the BNT162b2 and mRNA-1237 mRNA vaccine by commercial antibody tests	VACCINE	39	39	5563-5570	2021-09	Yes	3.641	Journal Citation Reports	3599
Charlton, Carmen Lynn	10.1136/bmjopen-2021-052282	Early warning and rapid public health response to prevent COVID-19 outbreaks in long-term care facilities (LTCF) by monitoring SARS-CoV-2 RNA in LTCF site-specific sewage samples and assessment of antibodies response in this population: Prospective study protocol	BMJ Open	11	8		2021-08	Yes	2.692	Journal Citation Reports	5652
Charlton, Carmen Lynn	10.1016/j.diagmicrobio.2021.115412	Evaluation of commercial SARS-CoV-2 serological assays in Canadian public health laboratories	JOURNAL OF CLINICAL MICROBIOLOGY	101	3		2021-11	Yes	5.948	Journal Citation Reports	1368
Charlton, Carmen Lynn	10.1128/JCM.01597-21	Evaluation of Diagnostic Accuracy of Eight Commercial Assays for the Detection of Rubella Virus-Specific IgM Antibodies	JOURNAL OF CLINICAL MICROBIOLOGY	60	1		2022-01	Yes	5.948	Journal Citation Reports	1368
Charlton, Carmen Lynn	10.3138/jammi-2021-0028	HCV reflex testing: A single-sample, low-contamination method that improves the diagnostic efficiency of HCV testing among patients in Alberta, Canada	journal of the association of medical microbiology and immunology	7	2	97-107	2022-06	Yes	2.19		
Charlton, Carmen Lynn	10.1016/j.aohep.2020.10.011	Identifying gaps in the treatment of hepatitis C in patients co-infected with HIV in Edmonton, Alberta	journal of the association of medical microbiology and infectious disease	23			2021-07	Yes			
Charlton, Carmen Lynn	10.1128/Spectrum.00291-21	Pre-Vaccine Positivity of SARS-CoV-2 Antibodies in Alberta, Canada during the First Two Waves of the COVID-19 Pandemic	Microbiology Spectrum	9	1	1-2	2021-09	Yes	7.171	Journal Citation Reports	904

Charlton, Carmen Lynn	10.1080/23744235.2022.2080250	Seropositivity to SARS-CoV-2 in Alberta, Canada in a post-vaccination period (March 2021–July 2021)	Infectious Diseases				2022-01	Yes	3.404	Journal Citation Reports	4023
Charlton, Carmen Lynn	10.1016/j.jcv.2021.104933	Stability of SARS-CoV-2 IgG in multiple laboratory conditions and blood sample types	JOURNAL OF CLINICAL VIROLOGY	142			2021-09	Yes	3.168	Journal Citation Reports	4544
Chiu, Brian	10.1016/j.carpath.2022.107430	Sanfilippo syndrome type A: early cardiac involvement of two patients with cardiac manifestations	CARDIOVASCULAR PATHOLOGY	60		107430	2022-05	Yes	2.185	Journal Citation Reports	7169
Chui, Linda Wai-Ling	10.1128/AAC.00966-21	A one-health genomic investigation of gentamicin resistance in salmonella from human and chicken sources in Canada, 2014 to 2017	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY	65	12		2021-12	Yes	5.191	Journal Citation Reports	1827
Chui, Linda Wai-Ling	10.1093/infdis/jiab429	Clinical Profiles of Childhood Astrovirus-, Sapovirus-, and Norovirus-Associated Acute Gastroenteritis in Pediatric Emergency Departments in Alberta, 2014-2018	JOURNAL OF INFECTIOUS DISEASES	225	4	723-732	2022-02	Yes	5.226	Journal Citation Reports	1802
Chui, Linda Wai-Ling	10.3390/microorganisms10020292	Correlation between Phenotypic and In Silico Detection of Antimicrobial Resistance in Salmonella enterica in Canada Using Staramr	Microorganisms	10	2		2022-02	Yes	4.128	Journal Citation Reports	2866
Chui, Linda Wai-Ling	10.1128/JCM.01154-21	Detection and Clinical Implications of Monovalent Rotavirus Vaccine-Derived Virus Strains in Children with Gastroenteritis in Alberta, Canada	JOURNAL OF CLINICAL MICROBIOLOGY	59	11	e0115421	2021-10	Yes	5.948	Journal Citation Reports	1368
Chui, Linda Wai-Ling	10.3390/microorganisms10040814	Epidemiology of Non-O157 Shiga Toxin-Producing Escherichia coli in the Province of Alberta, Canada, from 2018 to 2021	Microorganisms	10	4		2022-04	Yes	4.128	Journal Citation Reports	2866
Chui, Linda Wai-Ling	10.1111/acem.14434	Hematochezia in children with acute diarrhea seeking emergency department care – a prospective cohort study	ACADEMIC EMERGENCY MEDICINE	29	4	429-441	2022-04	Yes	3.451	Journal Citation Reports	3937
Chui, Linda Wai-Ling	10.3390/toxins13110755	Identification of shiga-toxin-producing shigella infections in travel and non-travel related cases in alberta, canada	Toxins	13	11	755	2021-10	Yes	4.546	Journal Citation Reports	2364
Chui, Linda Wai-Ling	10.3389/fcimb.2022.883163	Intestinal Microbial Composition of Children in a Randomized Controlled Trial of Probiotics to Treat Acute Gastroenteritis	Frontiers in Cellular and Infection Microbiology	12			2022-06	Yes	5.293	Journal Citation Reports	1747
Chui, Linda Wai-Ling	10.1093/cid/ciab451	Microbial Etiologies and Clinical Characteristics of Children Seeking Emergency Department Care Due to Vomiting in the Absence of Diarrhea	CLINICAL INFECTIOUS DISEASES	73	8	1414-1423	2021-10	Yes	9.079	Journal Citation Reports	562
Chui, Linda Wai-Ling	10.3390/microorganisms10020329	Molecular Detection of Non-O157 Shiga Toxin-Producing Escherichia coli (STEC) Directly from Stool Using Multiplex qPCR Assays	Microorganisms	10	2		2022-02	Yes	4.128	Journal Citation Reports	2866
Chui, Linda Wai-Ling	10.1128/JCM.00986-21	Molecular Epidemiology of Human Sapovirus among Children with Acute Gastroenteritis in Western Canada	JOURNAL OF CLINICAL MICROBIOLOGY	59	10	e0098621	2021-09	Yes	5.948	Journal Citation Reports	1368
Chui, Linda Wai-Ling	10.1016/j.ijid.2021.10.035	Performance of four commercial real-time PCR assays for the detection of bacterial enteric pathogens in clinical samples	INTERNATIONAL JOURNAL OF INFECTIOUS DISEASES	114		195-201	2022-01	Yes	3.623	Journal Citation Reports	3632
Chui, Linda Wai-Ling	10.1001/jamapediatrics.2021.2328	Prevalence of detection of clostridioides difficile among asymptomatic children: A systematic review and meta-analysis	JAMA Pediatrics	175	10		2021-10	Yes	16.193	Journal Citation Reports	201

Croxen, Matthew A	10.3201/eid2712.210298	Characterization of swine influenza A(H1N2) variant, Alberta, Canada, 2020	Emerging Infectious Diseases	27	12	3045-3051	2021-12	Yes			
Croxen, Matthew A	10.1016/j.eclinm.2021.101250	How much do smear-negative patients really contribute to tuberculosis transmissions? Re-examining an old question with new tools	eClinicalMedicine	43			2022-01	Yes			
Croxen, Matthew A	10.1128/Spectrum.00315-21	Precision Response to the Rise of the SARS-CoV-2 B.1.1.7 Variant of Concern by Combining Novel PCR Assays and Genome Sequencing for Rapid Variant Detection and Surveillance	Microbiology Spectrum	9	1	1-10	2021-09	Yes			
Croxen, Matthew A	10.1016/j.vaccine.2021.08.081	SARS-COV-2 recombinant Receptor-Binding-Domain (RBD) induces neutralizing antibodies against variant strains of SARS-CoV-2 and SARS-CoV-1	Vaccine	39	40	5769-5779	2021-09	Yes			
Deschenes, Jean	10.1364/BOE.443751	Fast hybrid optomechanical scanning photoacoustic remote sensing microscopy for virtual histology	Biomedical Optics Express	13	1	39-47	2022-01	Yes	3.732	Journal Citation Reports	3457
Deschenes, Jean	10.1364/OL.426543	F-mode ultraviolet photoacoustic remote sensing for label-free virtual H&E histopathology using a single excitation wavelength	OPTICS LETTERS	46	15	3500-3503	2021-08	Yes	3.776	Journal Citation Reports	3388
Deschenes, Jean	10.1038/s41598-022-09097-w	Mutations of the DNA repair gene PNKP in a patient with microcephaly, seizures, and developmental delay (MCSZ) presenting with a high-grade	Scientific Reports	12	1		2022-03	Yes	4.379	Journal Citation Reports	2533
Deschenes, Jean	10.1364/OL.436136	Virtual histopathology with ultraviolet scattering and photoacoustic remote sensing microscopy	OPTICS LETTERS	46	20	5153-5156	2021-10	Yes	3.776	Journal Citation Reports	3388
Drabovich, Andrei	10.1016/j.jes.2022.03.033	Assessment of risks, implications, and opportunities of waterborne neurotoxic pesticides	Journal of Environmental Sciences	125		735-741	2022-03	Yes	5.565	Journal Citation Reports	1575
Drabovich, Andrei	10.1101/2021.10.25.21265408	Immunoprecipitation-targeted proteomics assays facilitate rational development of SARS-CoV-2 serological diagnostics	medRxiv			2021.10.25.21265408	2021-10	No			
Drabovich, Andrei	10.1186/s12014-021-09325-x	Mass spectrometry-based proteomics in basic and translational research of SARS-CoV-2 coronavirus and its emerging mutants	Clinical Proteomics	18	1	1-16	2021-12	Yes	3.988	Journal Citation Reports	3076
Drabovich, Andrei	10.12688/f1000research.53338.1	Semen biomarker TEX101 predicts sperm retrieval success for men with testicular failure	F1000Research	10		569	2021-07	Yes	3.2		
Drews, Steven J	10.1093/cid/ciab938	A Higher Antibody Response Is Generated With a 6- to 7-Week (vs Standard) Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Vaccine Dosing Interval.	CLINICAL INFECTIOUS DISEASES				2021-12	Yes	9.079	Journal Citation Reports	562
Drews, Steven J	10.1016/j.annemergmed.2022.03.009	A prospective observational cohort comparison of SARS-CoV-2 seroprevalence between paramedics and matched blood donors in Canada during the COVID-19 pandemic.	ANNALS OF EMERGENCY MEDICINE				2022-04	Yes	5.721	Journal Citation Reports	1496
Drews, Steven J	doi: 10.1128/spectrum.01134-22	A Qualitative Comparison of the Abbott SARS-CoV-2 IgG II Quant Assay against Commonly Used Canadian SARS-CoV-2 Enzyme Immunoassays in Blood Donor Retention Specimens: April 2020 to March 2021	Microbiology Spectrum				2022-06	Yes	7.171	Journal Citation Reports	904
Drews, Steven J	10.1002/cti2.1380	A scalable serology solution for profiling humoral immune responses to SARS-CoV-2 infection and vaccination.	Clinical & Translational Immunology	11	3	e1380	2022-03	Yes	6.161	Journal Citation Reports	1272
Drews, Steven J	10.1111/trf.16786	An uncertain association between influenza season, recent influenza vaccination campaigns, and unconfirmed repeat reactive syphilis serology assay results in Canadian blood donors.	TRANSFUSION	62	2	510-512	2022-02	Yes	3.157	Journal Citation Reports	4563

Drews, Steven J	10.14745/ccdr.v48i04a02	Canadian blood suppliers: An expanding role in public health surveillance?	- Other -	48	4	124-30	2022-04	No				
Drews, Steven J	10.7326/M20-7003	Case Age Distribution: Correction for Differential Testing by Age.	ANNALS OF INTERNAL MEDICINE				2021-08	Yes	25.391	Journal Citation Reports	86	
Drews, Steven J	doi: 10.1128/spectrum.00339-22	Changing Patterns of SARS-CoV-2 Seroprevalence among Canadian Blood Donors during the Vaccine Era.	Microbiology Spectrum				2022-04	Yes	7.171	Journal Citation Reports	904	
Drews, Steven J	10.1128/spectrum.02702-21.	Comparative 6-month wild-type and delta-variant antibody levels and surrogate neutralization for adults vaccinated with BNT162b2 versus mRNA-1273	Microbiology Spectrum				2022-03	Yes	7.171	Journal Citation Reports	904	
Drews, Steven J	10.1038/s41591-021-01488-2	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial.	NATURE MEDICINE				2021-09	Yes	53.44	Journal Citation Reports	18	
Drews, Steven J	10.1136/bmjopen-2021-052282	Early warning and rapid public health response to prevent COVID-19 outbreaks in long-term care facilities (LTCF) by monitoring SARS-CoV-2 RNA in LTCF site-specific sewage samples and assessment of antibodies response in this population: prospective study protocol.	BMJ Open				2021-08	Yes	2.692	Journal Citation Reports	5652	
Drews, Steven J	10.1001/jama.2021.18178	Effect of Convalescent Plasma on Organ Support-Free Days in Critically Ill Patients With COVID-19: A Randomized Clinical Trial	JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION				2021-10	Yes	56.272	Journal Citation Reports	13	
Drews, Steven J	10.1128/spectrum.02563-21	Estimating SARS-CoV-2 Seroprevalence in Canadian Blood Donors, April 2020 to March 2021: Improving Accuracy with Multiple Assays.	Microbiology Spectrum	23	10		2022-02	Yes	7.171	Journal Citation Reports	904	
Drews, Steven J	10.17269/s41997-021-00536-1	Exploring the reasons for low pertussis vaccine effectiveness in Ontario, Canada, 2006-2008: a Canadian Immunization Research Network study.	CANADIAN JOURNAL OF PUBLIC HEALTH-REVUE CANADIENNE DE SANTE				2021-08	Yes	2.448	Journal Citation Reports	6347	
Drews, Steven J	10.1111/trf.16696	Prevention of transfusion-transmitted syphilis by blood operators: How much is enough when transfusion-transmission has not been identified for decades?	TRANSFUSION				2021-10	Yes	3.157	Journal Citation Reports	4563	
Drews, Steven J	10.1038/s41591-021-01639-5	Reply to: Concerns about estimating relative risk of death associated with convalescent plasma for COVID-19.	NATURE MEDICINE	28	1	53-58	2022-02	Yes	53.44	Journal Citation Reports	18	
Drews, Steven J	10.1111/trf.16772	Retention of hemostatic and immunological properties of frozen plasma and COVID-19 convalescent apheresis fresh-frozen plasma produced and freeze-dried in Canada.	TRANSFUSION				2021-12	Yes	3.157	Journal Citation Reports	4563	
Drews, Steven J	10.1111/trf.16595	Risk of transfusion-transmitted Babesia microti in Canada.	TRANSFUSION				2021-07	Yes	3.157	Journal Citation Reports	4563	
Drews, Steven J	10.1128/spectrum.02262-21	SARS-CoV-2 Virus-Like Particle Neutralizing Capacity in Blood Donors Depends on Serological Profile and Donor-Declared SARS-CoV-2 Vaccination History.	Microbiology Spectrum				2022-02	Yes	7.171	Journal Citation Reports	904	
Drews, Steven J	10.1371/journal.pone.0257743	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) seroprevalence: Navigating the absence of a gold standard.	PLoS One				2021-09	Yes	3.24	Journal Citation Reports	4371	
Drews, Steven J	10.1007/s10561-021-09964-2	The estimated risk of SARS-CoV-2 infection via cornea transplant in Canada.	CELL AND TISSUE BANKING				2021-10	Yes	1.522	Journal Citation Reports	9304	
El Hallani, Soufiane	10.5489/cuaj.7954	Recommendations for the implementation of genetic testing for metastatic prostate cancer patients in Canada	CUAJ-Canadian Urological Association Journal	16	10		2022-06	Yes	1.862	Journal Citation Reports	8238	

Holovati, Jelena Lecak	CAN/CSA-Z900.2.5-22	Canadian Standards Association Standards "Safety of Cells, Tissues & Organs for Transplantation & Assisted Reproduction, Lymphohematopoietic cells for transplantation CAN/CSA-Z900.2.5-22	Canadian Standards Association				2022-04	Yes				
Holovati, Jelena Lecak	ISBN-13: 978-1-957177-00-7	ISBT 128 Chain of Identity Standard; International Council for Commonality in Blood Banking Automation (ICCBBA)	International Council for Commonality in Blood Banking Automation				2022-06	Yes				
Holovati, Jelena Lecak	10.1111/trf.16997	Multicenter evaluation of the IL-3-pSTAT5 assay to assess the potency of cryopreserved stem cells from cord blood units: The BEST Collaborative study	Transfusion	62	8	1595-1601	2022-06	Yes	3.34			
Izevbaye, Iyare	10.1136/bmjresp-2021-001154	Application of liquid biopsy-based targeted capture sequencing analysis to improve the precision treatment of non-small cell lung cancer by tyrosine kinase inhibitors	BMJ Open Respiratory Research	9	1		2022-01	Yes				
Izevbaye, Iyare	10.1016/j.lungcan.2021.08.003	Canadian ROS proto-oncogene 1 study (CROS) for multi-institutional implementation of ROS1 testing in non-small cell lung cancer	Lung Cancer	160		127-135	2021-10	Yes				
Izevbaye, Iyare	10.1007/s00432-022-03924-3	Risk stratification of gastrointestinal stromal tumors by Nanostring gene expression profiling	Journal of Cancer Research and Clinical	148	6	1325-1336	2022-06	Yes				
Lai, Raymond Kai Chi	10.3390/cancers14010151	Brg1 and nrm-alk are co-regulated in anaplastic large-cell lymphoma; brg1 is a potential therapeutic target in alcl	Cancers	14	1		2022-01	Yes	6.639	Journal Citation Reports	1077	
Lai, Raymond Kai Chi	10.1016/j.diagmicrobio.2021.115458	Extractionless nucleic acid detection: a high capacity solution to COVID-19 testing	Diagnostic Microbiology and Infectious Disease	101	2		2021-10	Yes				
Lai, Raymond Kai Chi	10.1007/s12308-021-00455-7	Extracutaneous involvement of subcutaneous panniculitis-like T-cell lymphoma associated with hemophagocytic lymphohistiocytosis and refractory to intensive chemotherapy	Journal of Hematopathology	14	3	235-242	2021-09	Yes				
Lai, Raymond Kai Chi	10.5858/arpa.2020-0726-OA	Flow Cytometric Detection of the Double-Positive (CD4+CD8+)/PD-1bright T-Cell Subset Is Useful in Diagnosing Nodular Lymphocyte-Predominant Hodgkin Lymphoma	ARCHIVES OF PATHOLOGY & LABORATORY MEDICINE	146	6	718-726	2022-06	Yes	5.534	Journal Citation Reports	1597	
Lai, Raymond Kai Chi	10.3390/cells10113190	Gene expression profiling of mycosis fungoides in early and tumor stage—a proof-of-concept study using laser capture/single cell microdissection and nanostring analysis	Cells	10	11		2021-11	Yes	6.6	Journal Citation Reports	1088	
Lai, Raymond Kai Chi	10.3390/cimb43020041	Identification and Characterization of Cancer Stem-Like Cells in ALK-Positive Anaplastic Large Cell Lymphoma Using the SORE6 Reporter	CURRENT ISSUES IN MOLECULAR BIOLOGY	43	2	543-557	2021-07	Yes	2.081	Journal Citation Reports	7519	
Lai, Raymond Kai Chi	10.3390/cimb43020041	Identification and Characterization of Cancer Stem-Like Cells in ALK-Positive Anaplastic Large Cell Lymphoma Using the SORE6 Reporter	Current issues in molecular biology	43	2	543-557	2021-07	Yes				
Lai, Raymond Kai Chi	10.34172/bi.2022.23896	Recent advances in cancer immunotherapy: Modulation of tumor microenvironment by Toll-like receptor ligands	BiolImpacts	12	3	261-290	2022-05	Yes	3.831	Journal Citation Reports	3314	
Lai, Raymond Kai Chi	10.3390/cells10102517	The dual role of autophagy in crizotinib-treated ALK+ ALCL: From the lymphoma cells drug resistance to their demise	Cells	10	10		2021-10	Yes	6.6	Journal Citation Reports	1088	
Lai, Raymond Kai Chi	10.3390/cells10102517	The dual role of autophagy in crizotinib-treated ALK+ ALCL: From the lymphoma cells drug resistance to their demise	Cells	10	10		2021-10	Yes				
Le, Xiao-Chun	10.1016/j.bcp.2021.114799	Biliary excretion of arsenic by human HepaRG cells is stimulated by selenide and mediated by the multidrug resistance protein 2 (MRP2/ABCC2)	BIOCHEMICAL PHARMACOLOGY	193		114799	2021-11	Yes	5.858	Journal Citation Reports	1414	
Le, Xiao-Chun	10.1021/acs.analchem.1c02227	CRISPR Technique Incorporated with Single-Cell RNA Sequencing for Studying Hepatitis B Infection	ANALYTICAL CHEMISTRY	93	31	10756-10761	2021-08	Yes	6.986	Journal Citation Reports	965	

Le, Xiao-Chun	10.1039/d1cc02546e	CRISPR/Cas12a-mediated gold nanoparticle aggregation for colorimetric detection of SARS-CoV-2	CHEMICAL COMMUNICATIONS	57	56	6871-6874	2021-07	Yes	6.222	Journal Citation Reports	1240
Le, Xiao-Chun	10.1360/SSC-2022-0076	Integrating CRISPR and isothermal amplification reactions in single-tubes for ultrasensitive detection of nucleic acids: the SARS-CoV-2 RNA example	Scientia Sinica Chimica	52		1-14	2022-06	Yes			
Le, Xiao-Chun	10.1021/acs.analchem.1c03456	Integrating Reverse Transcription Recombinase Polymerase Amplification with CRISPR Technology for the One-Tube Assay of RNA	ANALYTICAL CHEMISTRY	93	37	12808-12816	2021-09	Yes	6.986	Journal Citation Reports	965
Le, Xiao-Chun	10.1016/j.ijeh.2022.113990	Maternal and child biomonitoring strategies and levels of exposure in western Canada during the past seventeen years: The Alberta Biomonitoring Program: 2005–2021	INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH	244		113990	2022-05	Yes	5.84	Journal Citation Reports	1423
Le, Xiao-Chun	10.1016/j.jelechem.2022.116412	One-step preparation of SnO ₂ -AuNPs as nanocomposites on photoelectrodes to enhance photoelectrochemical detection of nitrite and superoxide	JOURNAL OF ELECTROANALYTICAL CHEMISTRY	917		116412	2022-05	Yes	4.464	Journal Citation Reports	2440
Le, Xiao-Chun	10.1021/acsmeasuresciau.1c00057	On-site viral inactivation and RNA preservation of gargle and saliva samples combined with direct analysis of SARS-CoV-2 RNA on magnetic beads.	ACS Measurement Science Au	2	3	224–232	2022-06	Yes			
Le, Xiao-Chun	10.1021/acs.analchem.1c03617	Split Locations and Secondary Structures of a DNase Critical to Binding-Assembled Multicomponent Nucleic Acid Enzymes for Protein Detection	ANALYTICAL CHEMISTRY	93	47	15712-15719	2021-11	Yes	6.986	Journal Citation Reports	965
Le, Xiao-Chun	10.1039/d1cs00098e	The CRISPR-Cas toolbox for analytical and diagnostic assay development	CHEMICAL SOCIETY REVIEWS	50	21	11844-11869	2021-11	Yes	54.564	Journal Citation Reports	16
Lee, Cheng Han	10.1097/PAS.0000000000001798	Accurate Distinction of Ovarian Clear Cell From Endometrioid Carcinoma Requires Integration of Phenotype, Immunohistochemical Predictions, and Genotype: Implications for Lynch Syndrome Screening	The American journal of surgical pathology	45	11	1452-1463	2021-11	Yes			
Lee, Cheng Han	10.31083/j.ejgo4204123	An unusual mullerian carcinoma with myoepithelial differentiation (adenoid cystic carcinoma-like) of the ovary: Case report	European Journal of Gynaecological Oncology	42	4	811-816	2021-08	Yes			
Lee, Cheng Han	10.1002/path.5889	Cellular context determines DNA methylation profiles in SWI/SNF-deficient cancers of the gynecologic tract	Journal of Pathology	257	2	140-145	2022-06	Yes			
Lee, Cheng Han	10.1097/PGP.0000000000000770	Dedifferentiation in Breast Metastasis of Endometrial Carcinoma: A Diagnostic Dilemma	International Journal of Gynecologic Pathology	41	1	35-39	2022-01	Yes			
Lee, Cheng Han	10.1002/cncr.33516	Evaluation of treatment effects in patients with endometrial cancer and POLE mutations: An individual patient data meta-analysis	Cancer	127	14	2409-2422	2021-07	Yes			
Lee, Cheng Han	10.1111/his.14333	Loss of ARID1B and SMARCB1 expression are specific for the diagnosis of dedifferentiated/undifferentiated carcinoma in tumours of the upper gynaecological tract and cervix	Histopathology	79	2	160-167	2021-08	Yes			
Lee, Cheng Han	10.1177/10935266211021222	Malignant Mesothelioma With EWSR1-ATF1 Fusion in Two Adolescent Male Patients	Pediatric and Developmental Pathology	24	6	570-574	2021-11	Yes			
Lee, Cheng Han	10.1007/s00428-021-03232-0	MCM3 is a novel proliferation marker associated with longer survival for patients with tubo-ovarian high-grade serous carcinoma	Virchows Archiv	480	4	855-871	2022-04	Yes			
Lee, Cheng Han	10.1016/j.gore.2021.100890	Protracted clinical course of an AFF1 fusion positive uterine smooth muscle tumor causing diagnostic confusion over a course of 15 years	Gynecologic Oncology Reports	38			2021-11	Yes			
Lee, Cheng Han	10.1002/cjp2.243	Selection of endometrial carcinomas for p53 immunohistochemistry based on nuclear features	Journal of Pathology: Clinical Research	8	1	19-32	2022-01	Yes			

Lee, Cheng Han	10.3802/jgo.2022.33.e25	Treatment and outcomes in undifferentiated and dedifferentiated endometrial carcinoma	Journal of Gynecologic Oncology	33	3		2022-05	Yes			
Lee, Cheng Han	10.1038/s41379-021-00922-7	TSC2-mutant uterine sarcomas with JAZF1-SUZ12 fusions demonstrate hybrid features of endometrial stromal sarcoma and PEComa and are responsive to mTOR inhibition	Modern Pathology	35	1	117-127	2022-01	Yes			
Lee, Cheng Han	10.1002/path.5849	Validated biomarker assays confirm that ARID1A loss is confounded with MMR deficiency, CD8+ TIL infiltration, and provides no independent prognostic value in endometriosis-associated ovarian carcinomas	Journal of Pathology	256	4	388-401	2022-04	Yes			
Leng, Roger	10.1038/s41419-022-04854-1	p63, a key regulator of Ago2, links to the microRNA-144 cluster	Cell Death and Disease	13	4	397	2022-04	Yes	9.685	JCR Impact Factor	1
Leng, Roger	10.18632/aging.203537	Regulation of p73 by Pirh2-AIP4 loop	Aging	13	17	1-2	2021-09	Yes	5.955	JCR Impact Factor	1
Leng, Roger	10.1016/j.canlet.2021.12.003	Regulation of the tumor suppressor PTEN in triple-negative breast cancer.	other	527		41-48	2022-02	Yes	9.759	JCR Impact Factor	1
Leng, Roger	doi.org/10.3390/cells11091516	The Role of N6-Methyladenosine in the Promotion of Hepatoblastoma: A Critical Review.	Cells	11	9	1516	2022-04	Yes	7.666	JCR Impact Factor	1
Li, Xing-Fang	10.1016/j.trac.2022.116624	Closing the gap of known and unknown halogenated nitrogenous disinfection byproducts in water: Advanced mass spectrometry techniques	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	153			2022-04	Yes	12.296	Journal Citation Reports	314
Li, Xing-Fang	10.1021/acs.est.1c05484	Formation Mechanism of Iodinated Aromatic Disinfection Byproducts: Acid Catalysis with H2O+	Environmental Science & Technology Letters	56	3	1791-1800	2022-02	Yes	7.653	Journal Citation Reports	782
Li, Xing-Fang	10.1016/j.jes.2022.04.025	Integration of solid phase extraction with HILIC-MS/MS for analysis of free amino acids in source water	Journal of Environmental Sciences	117		190-196	2022-04	Yes	5.565	Journal Citation Reports	1575
Li, Xing-Fang	10.1016/j.ijheh.2022.113990	Maternal and child biomonitoring strategies and levels of exposure in western Canada during the past seventeen years: The Alberta Biomonitoring Program: 2005–2021	INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH	244			2022-03	Yes	5.84	Journal Citation Reports	1423
Li, Xing-Fang	10.1016/j.jes.2022.03.042	Neurotoxicity and transcriptome changes in embryonic zebrafish induced by halobenzoquinone exposure	Journal of Environmental Sciences	117		129-140	2022-04	Yes	5.565	Journal Citation Reports	1575
Li, Xing-Fang	10.1021/acsmeasuresciau.1c00057	On-site viral inactivation and RNA preservation of gargle and saliva samples combined with direct analysis of SARS-CoV-2 RNA on magnetic beads	ACS Measurement Sciences	2	3	224-232	2022-02	Yes			
Li, Xing-Fang	10.1016/j.trac.2022.116654	Recent advances in sampling and sample preparation for effect-directed environmental analysis	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	154			2022-04	Yes	12.296	Journal Citation Reports	314
Li, Xing-Fang	10.1016/j.jes.2022.03.002	Re-Imagining drinking water safety based on 21st century science: Microbial pathogens, emerging contaminants, byproducts, and health risks: Preface	Journal of Environmental Sciences	117		1-2	2022-03	Yes	5.565	Journal Citation Reports	1575
Li, Xing-Fang	10.1021/acs.est.2c01202	Unique On-Site Spinning Sampling of Highly Water-Soluble Organics Using Functionalized Monolithic Sorbents	ENVIRONMENTAL SCIENCE & TECHNOLOGY	56	12	8094-8102	2022-05	Yes	9.028	Journal Citation Reports	570
Li, Xing-Fang	10.1016/j.jes.2022.01.039	Wastewater Based Surveillance of SARS-CoV-2: Challenges and Perspective from a Canadian Inter-laboratory Study	Journal of Environmental Sciences	116		229-232	2022-06	Yes	5.565	Journal Citation Reports	1575
Li, Xing-Fang	10.1021/acsenvironau.1c00015	Wastewater-Based Epidemiology for Community Monitoring of SARS-CoV-2: Progress and Challenges	ACS Environmental Au	1	1	18-31	2021-11	Yes			
Marshall, Natalie Claire	10.1017/ice.2021.495	Respiratory virus co-infections with SARS-CoV-2 continue to be rare one year into the pandemic in Alberta, Canada (June 2020 - May 2021)	INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY				2021-12	Yes	3.254	Journal Citation Reports	4343

Marshall, Natalie Claire	10.1093/ofid/ofab414	Ten Years of Diphtheria Toxin Testing and Toxigenic Cutaneous Diphtheria Investigations in Alberta, Canada: A Highly Vaccinated Population	Open Forum Infectious Diseases	9	1		2022-01	Yes	3.835	Journal Citation Reports	3308
Martindale, Roberta Ann	N/A	Fostering Mental Wellness in Education	Canadian Journal of Medical Laboratory	84	1	13-14	2022-03	Yes			
Mengel, Michael Hartman	10.1016/j.mayocp.2021.07.001	Acute Kidney Injury in Severe COVID-19 Has Similarities to Sepsis-Associated Kidney Injury: A Multi-Omics Study	MAYO CLINIC PROCEEDINGS	96	10	2561-2575	2021-10	Yes	7.616	Journal Citation Reports	789
Mengel, Michael Hartman	10.2215/CJN.00920121	Gene expression profiling in kidney transplants with immune checkpoint inhibitor-associated adverse events	Clinical Journal of the American Society of Nephrology	16	9	1376-1386	2021-09	Yes	8.237	Journal Citation Reports	670
Mengel, Michael Hartman	10.1128/Spectrum.00291-21	Pre-Vaccine Positivity of SARS-CoV-2 Antibodies in Alberta, Canada during the First Two Waves of the COVID-19 Pandemic	Microbiology Spectrum	9	1	1-2	2021-09	Yes	7.171	Journal Citation Reports	904
Mengel, Michael Hartman	10.1111/ajt.16923	Revisiting acute T cell-mediated rejection in kidney allografts	AMERICAN JOURNAL OF TRANSPLANTATION	22	3	681-682	2022-03	Yes	8.086	Journal Citation Reports	703
Mengel, Michael Hartman	10.1080/23744235.2022.2080250	Seropositivity to SARS-CoV-2 in Alberta, Canada in a post-vaccination period (March 2021–July 2021)	ACS Infectious Diseases				2022-01	Yes	5.084	Journal Citation Reports	1931
Mengel, Michael Hartman	10.1016/j.kint.2021.11.028	Thirty years of the International Banff Classification for Allograft Pathology: the past, present, and future of kidney transplant diagnostics	KIDNEY INTERNATIONAL	101	4	678-691	2022-04	Yes	10.612	Journal Citation Reports	423
Nahirniak, Susan Nicole	10.1038/s41591-021-01667-1	Author Correction: Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial (Nature Medicine, (2021), 27, 11, (2012-2024), 10.1038/s41591-021-01488-2)	Nature Medicine	28	1	212	2022-01	No			
Nahirniak, Susan Nicole	10.1111/trf.16661	Blood shortages planning in Canada: The National Emergency Blood Management Committee experience during the first 6 months of the COVID-19 pandemic	TRANSFUSION	61	11	3258-3266	2021-11	Yes	3.157	Journal Citation Reports	4563
Nahirniak, Susan Nicole	10.1038/s41591-021-01488-2	Convalescent plasma for hospitalized patients with COVID-19: an open-label, randomized controlled trial	NATURE MEDICINE	27	11	2012-2024	2021-11	Yes	53.44	Journal Citation Reports	18
Nahirniak, Susan Nicole	10.1111/trf.16834	Immunohematology testing using umbilical cord blood: review of the literature, survey of practice and guidance development	TRANSFUSION	62	4	871-886	2022-03	Yes	3.157	Journal Citation Reports	4563
Nahirniak, Susan Nicole	10.1111/vox.13199	International Forum on Home-Based Blood Transfusion: Responses	VOX SANGUINIS				2021-10	Yes	2.144	Journal Citation Reports	7308
Nahirniak, Susan Nicole	10.1111/vox.13200	International Forum on Home-Based Blood Transfusion: Summary	VOX SANGUINIS	117	4	616-623	2022-04	Yes	2.144	Journal Citation Reports	7308
Nahirniak, Susan Nicole	10.1111/vox.13256	International Society of Blood Transfusion survey of experiences of blood banks and transfusion services during the COVID-19 pandemic	Vox Sanguinis	117	6	822-830	2022-06	Yes			
Nahirniak, Susan Nicole	10.1038/s41591-021-01639-5	Reply to: Concerns about estimating relative risk of death associated with convalescent plasma for COVID-19	Nature Medicine	28	1	53-58	2022-01	No			
Nunes Martins Filho, Sebastiao	10.1016/j.jtrano.2021.101179	Antitumor efficacy of XPO1 inhibitor Selinexor in KRAS-mutant lung adenocarcinoma patient-derived xenografts	Translational Oncology	14	10		2021-10	Yes	4.243	Journal Citation Reports	2711
Nunes Martins Filho, Sebastiao	10.1038/s41467-022-29444-9	Integrative analysis of non-small cell lung cancer patient-derived xenografts identifies distinct proteotypes associated with patient outcomes	Nature Communications	13	1		2022-04	Yes	14.919	Journal Citation Reports	227
Nunes Martins Filho, Sebastiao	10.1159/000521034	Non-Alcoholic Fatty Liver Disease-Related Hepatocellular Carcinoma: Immunohistochemical Assessment of Markers of Cancer Cell Metabolism	PATHOBIOLOGY	89	3	157-165	2022-01	Yes	4.342	Journal Citation Reports	2582

Pang, Xiaoli Lilly	org/10.1016/j.epidem.2022.100560	A wastewater-based epidemic model for SARS-CoV-2 with application to three Canadian cities	Epidemics				2022-06	Yes	4.396	Journal Citation Reports	2510
Pang, Xiaoli Lilly	10.1093/infdis/jiab429	Clinical Profiles of Childhood Astrovirus-, Sapovirus-, and Norovirus-Associated Acute Gastroenteritis in Pediatric Emergency Departments in Alberta, 2014-2018	JOURNAL OF INFECTIOUS DISEASES				2021-08	Yes	5.226	Journal Citation Reports	1802
Pang, Xiaoli Lilly	org/10.3390/pathogens11030359	Comparison of Auto Sampling and Passive Sampling Methods for SARS-CoV-2 Detection in Wastewater.	Pathogens				2022-03	Yes	3.492	Journal Citation Reports	3857
Pang, Xiaoli Lilly	10.3390/w13162166	Comparison of Detecting and Quantitating SARS-CoV-2 in Wastewater Using Moderate-Speed Centrifuged Solids versus an Ultrafiltration Method	Water				2021-08	Yes	2.069		
Pang, Xiaoli Lilly	10.1128/JCM.01154-21	Detection and clinical implications of monovalent rotavirus vaccine-derived virus strains in children with gastroenteritis in Alberta, Canada	JOURNAL OF CLINICAL MICROBIOLOGY				2021-08	Yes	5.948	Journal Citation Reports	1368
Pang, Xiaoli Lilly	XXXXX	Disinfectant Effectiveness Against SARS-CoV-2 and Surrogates Using Cell Culture and RT-PCR	International Journal of Biomedical Science and Engineering	9	4	78-82	2021-11	Yes			
Pang, Xiaoli Lilly	10.1136/ bmjopen-2021-052282.	Early warning and rapid public health response to prevent COVID-19 outbreaks in long-term care facilities (LTCF) by monitoring SARS-CoV-2 RNA in LTCF site-specific sewage samples and assessment of antibodies response in this population: prospective study protocol.	BMJ Open				2021-08	Yes	2.692	Journal Citation Reports	5652
Pang, Xiaoli Lilly	10.3390/cancers14051148	Human Cytomegalovirus Seropositivity and Viral DNA in Breast Tumors Are Associated with Poor Patient Prognosis	Cancers (Basel)	14	5	1148	2022-02	Yes	6.02		
Pang, Xiaoli Lilly	org/10.3390/toxins13110755	Identification of Shiga-Toxin-Producing Shigella Infections in Travel and Non-Travel Related Cases in Alberta, Canada.	Toxins				2021-10	Yes	4.546	Journal Citation Reports	2364
Pang, Xiaoli Lilly	org/10.3389/fcimb.2022.883163.	Intestinal Microbial Composition of Children in a Randomized Controlled Trial of Probiotics to Treat Acute Gastroenteritis.	Frontiers in Cellular and Infection Microbiology				2022-05	Yes	5.293	Journal Citation Reports	1747
Pang, Xiaoli Lilly	10.1128/JCM.00986-21	Molecular Epidemiology of Human Sapovirus Among Children with Acute Gastroenteritis in Western Canada	JOURNAL OF CLINICAL MICROBIOLOGY				2021-07	Yes	5.948	Journal Citation Reports	1368
Pang, Xiaoli Lilly	org/10.1016/j.jes.2022.04.047	Number of COVID-19 cases required in a population to detect SARS-CoV-2 RNA in wastewater in the province of Alberta, Canada: Sensitivity assessment.	Journal of Environmental Sciences				2022-03	Yes	5.565	Journal Citation Reports	1575
Pang, Xiaoli Lilly	10.1093/cid/ciab876.	Pathogen-Specific Effects of Probiotics in Children with Acute Gastroenteritis Seeking Emergency Care: A Randomized Trial	CLINICAL INFECTIOUS DISEASES				2021-10	Yes	9.079	Journal Citation Reports	562
Pang, Xiaoli Lilly	10.1111/acem.14434	Pediatric Emergency Research Canada (PERC). Hematochezia in children with acute diarrhea seeking emergency department care – a prospective cohort study.	ACADEMIC EMERGENCY MEDICINE				2021-12	Yes	3.451	Journal Citation Reports	3937
Pang, Xiaoli Lilly	10.1016/j.scitotenv.2021.151434.	Validating and optimizing the method for molecular detection and quantification of SARS-CoV-2 in wastewater.	SCIENCE OF THE TOTAL ENVIRONMENT				2022-03	Yes	7.963	Journal Citation Reports	727
Purdy, Lisa Eileen	none	Fostering Mental Wellness in Education	Canadian Journal for Medical Laboratory	84	1	13-14	2022-04	Yes			
Puttagunta, Lakshmi	https://doi.org/10.1016/j.healun.2022.01.1358	Acute Lung Injury in Interstitial Lung Disease is Not Associated with Post Transplant Survival	Journal of Heart and Lung Transplantation				2022-04	Yes			
Puttagunta, Lakshmi	10.1016/j.amjmed.2022.04.019	An Unusual Case of Sarcoidosis: Hypercalcemia and Normal Sized Lymph Nodes					2022-01	Yes	4.965	Journal Citation Reports	2023
Puttagunta, Lakshmi	10.1002/rcr2.872	ANOTHER syndrome—Familial presentations of progressive lung disease leading to double lung transplantation: A case report and literature review	Respirology Case Reports	9	12		2021-12	Yes			

Puttagunta, Lakshmi	10.1007/978-1-0716-1847-9_12	Histological Techniques for Sectioning Bones of the Vertebrate Craniofacial Skeleton	Methods in Molecular Biology	2403		187-200	2022-01	Yes			
Puttagunta, Lakshmi	10.1016/j.chest.2021.03.052	Progressive Dyspnea With Recurrent Pneumothoraces	CHEST	160	2	e209-e215	2021-08	Yes	9.41	Journal Citation Reports	521
Thiesen, Aducio Leonel	10.1016/j.bbali.2021.159109	De novo phosphatidylcholine synthesis in the small intestinal epithelium is required for normal dietary lipid handling and maintenance of the mucosal barrier	Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids	1867	4		2021-12	Yes	4.698	Academic accelerator	83
Thiesen, Aducio Leonel	10.3389/fmicb.2022.829378	Metagenomics Versus Metatranscriptomics of the Murine Gut Microbiome for Assessing Microbial Metabolism During Inflammation	Frontiers in Microbiology	13	829378		2022-02	Yes	5.64	Journal Citation Reports	1530
Thiesen, Aducio Leonel	10.3390/nu13062069	Timing of tributyrin supplementation differentially modulates gastrointestinal inflammation and gut microbial recolonization following murine ileocecal resection	Nutrients	13	6		2021-07	Yes	5.717	Journal Citation Reports	1498
Tsui, Albert King-Yeung	10.1093/ehjcvp/pvab016	Cardiac and cardiometabolic phenotyping of trastuzumab-mediated cardiotoxicity: A secondary analysis of the MANTICORE trial	European Heart Journal-Cardiovascular Pharmacotherapy	8	2	130-139	2022-02	Yes	6.617	Journal Citation Reports	1082
Tsui, Albert King-Yeung	10.1016/j.clinbiochem.2021.07.017	Centralization of multisite reagent lot-to-lot validation for Ortho Clinical Vitros chemistry instruments	CLINICAL BIOCHEMISTRY	97		62-66	2021-11	Yes	3.281	Journal Citation Reports	4284
Tyrrell, Gregory John	10.1186/s13756-022-01085-z	Antimicrobial resistance (AMR) in COVID-19 patients: a systematic review and meta-analysis (November 2019–June 2021)	Antimicrobial Resistance and Infection Control	11	1		2022-03	Yes	4.887	Journal Citation Reports	2087
Tyrrell, Gregory John	10.1371/journal.pntd.0010399	Bartonella quintana endocarditis in a child from Northern Manitoba, Canada	PLoS Neglected Tropical Diseases	16	5		2022-05	Yes	4.411	Journal Citation Reports	2491
Tyrrell, Gregory John	10.1097/INF.0000000000003454	Clinical Presentations and Outcomes of Children in Canada with Recurrent Invasive Pneumococcal Disease from the IMPACT Surveillance Network	PEDIATRIC INFECTIOUS DISEASE JOURNAL	41	4	E166-E171	2022-01	Yes	2.129	Journal Citation Reports	7357
Tyrrell, Gregory John	10.1128/Spectrum.01283-21	Epidemiological Characterization of Group B Streptococcus Infections in Alberta, Canada: An Update from 2014 to 2020	Microbiology Spectrum	9	3		2021-11	Yes	7.171	Journal Citation Reports	904
Tyrrell, Gregory John	10.1016/j.eclinm.2021.101250	How much do smear-negative patients really contribute to tuberculosis transmissions? Re-examining an old question with new tools	eClinicalMedicine	43			2022-01	Yes	10.04	Journal	306
Tyrrell, Gregory John	10.14745/ccdr.v47i11a09	Invasive bacterial diseases in northern Canada, 1999-2018.	Canada Communicable Disease Reports	47	11	491-499	2021-11	Yes			
Tyrrell, Gregory John	10.1080/14760584.2021.1966301	Is there a need for pneumococcal vaccination programs for the homeless to prevent invasive pneumococcal disease?	Expert Review of Vaccines	20	9	1113-1121	2021-08	Yes	5.217	Journal Citation Reports	1808
Tyrrell, Gregory John	10.3389/fpubh.2021.726484	Knowledge Gaps in the Understanding of Antimicrobial Resistance in Canada	Frontiers in Public Health	9			2021-10	Yes	3.709	Journal Citation Reports	3502
Tyrrell, Gregory John	10.1128/AAC.01370-21	Linear Regression Equations To Predict b-Lactam, Macrolide, Lincosamide, and Fluoroquinolone MICs from Molecular Antimicrobial Resistance Determinants in Streptococcus pneumoniae	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY	66	1		2021-10	Yes	5.191	Journal Citation Reports	1827
Tyrrell, Gregory John	10.1128/mSystems.00495-21	Population genomics of emm4 group a streptococcus reveals progressive replacement with a hypervirulent clone in north america	mSystems	6	4		2021-08	Yes	6.496	Journal Citation Reports	1139
Tyrrell, Gregory John	10.1093/ofid/ofab414	Ten Years of Diphtheria Toxin Testing and Toxigenic Cutaneous Diphtheria Investigations in Alberta, Canada: A Highly Vaccinated Population	Open Forum Infectious Diseases	9	1		2021-08	Yes	3.835	Journal Citation Reports	3308

Tyrrell, Gregory John	10.3201/eid2707.204403	Whole-Genome Analysis of Streptococcus pneumoniae Serotype 4 Causing Outbreak of Invasive Pneumococcal Disease, Alberta, Canada	EMERGING INFECTIOUS DISEASES	27	7	1867-1875	2021-07	Yes	6.883	Journal Citation Reports	1002
van Landeghem, Frank	10.1007/s00401-022-02424-5	ATRT-SHH comprises three molecular subgroups with characteristic clinical and histopathological features and prognostic significance	ACTA NEUROPATHOLOGICA	143	6	697-711	2022-06	Yes	17.088	Journal Citation Reports	185
van Landeghem, Frank	10.1016/S2352-4642(21)00245-5	Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study	Lancet Child & Adolescent Health	5	11	800-813	2021-11	Yes	11.288	Journal Citation Reports	365
van Landeghem, Frank	10.1007/s12022-020-09647-w	Effects of CAPTEM (Capecitabine and Temozolomide) on a Corticotroph Carcinoma and an Aggressive Corticotroph Tumor	ENDOCRINE PATHOLOGY	32	3	418-426	2021-09	Yes	3.943	Journal Citation Reports	3125
van Landeghem, Frank	10.1128/JVI.01074-21	Infection of glia by human pegivirus suppresses peroxisomal and antiviral signaling pathways	JOURNAL OF VIROLOGY	95	23		2021-12	Yes	5.103	Journal Citation Reports	1909
Van Spronsen, Amanda Dianne	10.1093/ajcp/aqab094	A new list for Choosing Wisely Canada from the "hidden profession" of medical laboratory science	AMERICAN JOURNAL OF CLINICAL PATHOLOGY				2021-07	Yes	2.493	Journal Citation Reports	6183
Van Spronsen, Amanda Dianne	10.1093/jalm/jfab103	Engaging Laboratory Staff in Stewardship: Barriers Experienced by Medical Laboratory Technologists in Canada	Journal of Applied Laboratory Medicine	7	2	480-494	2022-03	Yes	1.54		
Zhang, Hongquan	10.1021/acs.analchem.1c03456	Integrating Reverse Transcription Recombinase Polymerase Amplification with CRISPR Technology for the One-Tube Assay of RNA	ANALYTICAL CHEMISTRY	93	37	12808-12816	2021-09	Yes	6.986	Journal Citation Reports	965
Zhang, Hongquan	10.1016/j.microc.2022.107595	Nanoscale metal organic frameworks and their applications in disease diagnosis and therapy	MICROCHEMICAL JOURNAL	180			2022-05	Yes	4.821	Journal Citation Reports	2136
Zhang, Hongquan	10.1021/acsmeasuresciau.1c00057	On-Site Viral Inactivation and RNA Preservation of Gargle and Saliva Samples Combined with Direct Analysis of SARS-CoV-2 RNA on Magnetic Beads	ACS Meas. Sci. Au	2	3	224-232	2022-02	Yes			
Zhang, Hongquan	10.1021/acs.analchem.1c03617	Split Locations and Secondary Structures of a DNzyme Critical to Binding-Assembled Multicomponent Nucleic Acid Enzymes for Protein Detection	ANALYTICAL CHEMISTRY	93	47	15712-15719	2021-11	Yes	6.986	Journal Citation Reports	965