

Publications, Department of Laboratory Medicine & Pathology (July 1, 2019 – June 30, 2020)												
Person	DOI	Title	Venue	Venue Other	Volume	Issue	Page Numbers	Date Published	Peer Reviewed	Impact Factor	Publication Authorship Type Titles	
Acker, Jason Paul	10.1016/j.cryobiol.2020.04.009	Current techniques and the future of lung preservation	CRYOBIOLOGY		94		1-8	2020-05-30	Yes	2.283	Contributing author,Corresponding author,Senior (responsible) author,First author is my trainee	
Acker, Jason Paul	10.1111/trf.15589	Evaluating the quality of red blood cell concentrates irradiated before or after cryopreservation	TRANSFUSION		60	1	26-29	2019-12-31	Yes	2.8	Contributing author,Corresponding author,Senior (responsible) author	
Acker, Jason Paul	10.1111/vox.12828	Feasibility of photoacoustic imaging for the non-invasive quality management of stored blood bags	VOX SANGUINIS		114	7	701-710	2019-09-30	Yes	2.347	Contributing author	
Acker, Jason Paul	10.1016/j.cryobiol.2020.01.006	Implications of variability in cell membrane permeability for design of methods to remove glycerol from frozen-thawed erythrocytes	CRYOBIOLOGY		92		168-179	2020-01-31	Yes	2.283	Contributing author	
Acker, Jason Paul	10.1002/cyto.a.23846	Label-Free Analysis of Red Blood Cell Storage Lesions Using Imaging Flow Cytometry	CYTOMETRY PART A		95	9	976-984	2019-08-31	Yes	3.124	Contributing author	
Acker, Jason Paul	10.1111/vox.12836	Not all red cell concentrate units are equivalent: international survey of processing and in vitro quality data	VOX SANGUINIS		114	8	783-794	2019-10-31	Yes	2.347	Contributing author,Corresponding author,Senior (responsible) author	
Acker, Jason Paul	10.1016/j.transci.2020.102787	Opportunities for standardization of cold stored, low-litre group O WB products	TRANSFUSION AND APHERESIS SCIENCE		59	3	102787	2020-05-31	Yes	1.285	Corresponding author,First author	
Acker, Jason Paul	10.1016/j.transci.2020.102754	Optimizing the supply of whole blood-derived bioproducts through the combined implementation of cryopreservation and pathogen reduction technologies and practices: An overview	TRANSFUSION AND APHERESIS SCIENCE		59	2	102754	2020-03-31	Yes	1.285	Contributing author	
Acker, Jason Paul	10.1016/j.transci.2019.102675	Platelet rich plasma in treatment of musculoskeletal pathologies	TRANSFUSION AND APHERESIS SCIENCE		58	6		2019-11-30	Yes	1.285	Contributing author,Corresponding author,Senior (responsible) author	
Acker, Jason Paul	10.1111/trf.15590	Platelet vesicles are potent inflammatory mediators in red blood cell products and washing reduces the inflammatory phenotype	TRANSFUSION		60	2	378-390	2020-01-31	Yes	2.8	Contributing author,Corresponding author,First author is my trainee,Senior (responsible) author	
Acker, Jason Paul	10.1111/vox.12911	Red-blood-cell manufacturing methods and storage solutions differentially induce pulmonary cell activation	VOX SANGUINIS		115	5	395-404	2020-06-30	Yes	2.347	Contributing author,First author is my trainee	
Acker, Jason Paul	10.1016/j.jcyt.2020.04.039	Transient warming affects potency of cryopreserved cord blood units	CYTOTHERAPY					2020-06-24	Yes	4.218	Contributing author	
Acker, Jason Paul	10.1021/acs.biomac.0c00018	Trehalose-Based Polyethers for Cryopreservation and Three-Dimensional Cell Scaffolds	BIOMACROMOLECULES		21	3	1264-1273	2020-03-08	Yes	6.092	Contributing author	
Acker, Jason Paul	ISBN 978-1-56395-370-5	Whole Blood and Apheresis Collection of Blood Components Intended for Transfusion	- Other -	AABB Technical Manual, 20th Edition			141-172	2020-06-01	Yes		First author,Senior (responsible) author	
Adam, Benjamin Alexander	10.1172/JCI128469	Apelin directs endothelial cell differentiation and vascular repair following immune-mediated injury	JOURNAL OF CLINICAL INVESTIGATION		130	1	94-107	2020-01-02	Yes	11.864	Contributing author	
Adam, Benjamin Alexander	10.1371/journal.pone.0220786	Avoiding initial hypothermia does not improve liver graft quality in a porcine donation after circulatory death (DCD) model of normothermic perfusion	PLoS One		14	8	e0220786	2019-08-06	Yes	2.74	Contributing author	
Adam, Benjamin Alexander	10.1111/ajt.16059	Banff 2019 Meeting Report: Molecular diagnostics in solid organ transplantation-Consensus for the Banff Human Organ Transplant (B-HOT) gene panel and open source multicenter validation	AMERICAN JOURNAL OF TRANSPLANTATION					2020-05-19	Yes	7.338	Contributing author	
Adam, Benjamin Alexander	10.1182/blood.2019003807	Clinicopathologic predictors of renal outcomes in light chain cast nephropathy: a multicenter retrospective study	BLOOD		135	21	1833-1846	2020-05-21	Yes	17.543	Contributing author	
Adam, Benjamin Alexander	10.1016/j.transproceed.2019.03.042	Continuous Hemodialysis Does Not Improve Graft Function During Ex Vivo Lung Perfusion Over 24 Hours	TRANSPLANTATION PROCEEDINGS		51	6	2022-2028	2019-07-01	Yes	0.784	Contributing author	
Adam, Benjamin Alexander	10.3747/co.27.5533	Digital gene expression analysis might aid in the diagnosis of thyroid cancer	Current Oncology		27	2	e93-e99	2020-04-01	Yes	2.257	Contributing author	
Adam, Benjamin Alexander	10.1016/j.rmcr.2020.101128	Disease recurrence after lung transplantation for idiopathic pulmonary hemosiderosis	- Other -	Respiratory Medicine Case Reports	30	101128		2020-06-10	Yes		Contributing author	
Adam, Benjamin Alexander	10.1111/ajt.15980	Intra-graft gene expression in native kidney BK virus nephropathy versus T cell-mediated rejection: Prospects for molecular diagnosis and risk prediction	AMERICAN JOURNAL OF TRANSPLANTATION					2020-05-05	Yes	7.338	First author	
Adam, Benjamin Alexander	10.1097/TP.0000000000002911	Long-term Kinetics of Intra-graft Gene Signatures in Renal Allograft Tolerance Induced by Transient Mixed Chimerism	TRANSPLANTATION		103	11	e334-e344	2019-11-01	Yes	4.264	Contributing author	
Adam, Benjamin Alexander	10.1093/cid/ciz497	Mycobacterium chimaera encephalitis post-cardiac surgery: A new syndrome	CLINICAL INFECTIOUS DISEASES		70	4	692-695	2020-02-03	Yes	8.313	Contributing author	
Adam, Benjamin Alexander	10.1111/ajt.15898	The Banff 2019 Kidney Meeting Report (I): Updates on and clarification of criteria for T cell- and antibody-mediated rejection	AMERICAN JOURNAL OF TRANSPLANTATION					2020-05-28	No	7.338	Contributing author	

Adam, Benjamin Alexander	10.1111/ajt.16083	The XVth Banff Conference on Allograft Pathology the Banff Workshop Heart Report: Improving the diagnostic yield from endomyocardial biopsies and Quilty effect revisited	AMERICAN JOURNAL OF TRANSPLANTATION					2020-06-01	Yes	7.338	Contributing author
Bigras, Gilbert	10.1038/s41379-019-0327-4	"Interchangeability" of PD-L1 immunohistochemistry assays: a meta-analysis of diagnostic accuracy	MODERN PATHOLOGY		33	1	4-17	2020-01-01	Yes	5.988	Contributing author
Bigras, Gilbert	10.1038/s41598-019-49849-9	All-optical Reflection-mode Microscopic Histology of Unstained Human Tissues	Scientific Reports		9	1		2019-12-01	Yes	3.998	Contributing author
Bigras, Gilbert	10.1364/BOE.10.005461	Chromophore selective multi-wavelength photoacoustic remote sensing of unstained human tissues	Biomedical Optics Express		10	11	5461-5469	2019-11-01	Yes	3.921	Contributing author
Bigras, Gilbert	10.1136/bmjopen-2019-030502	Comparing docosahexaenoic acid (DHA) concomitant with neoadjuvant chemotherapy versus neoadjuvant chemotherapy alone in the treatment of breast cancer (DHA WIN): Protocol of a double-blind, phase II, randomised controlled trial	BMJ Open		9	9		2019-09-01	Yes	2.496	Contributing author
Bigras, Gilbert	10.3747/co.26.5137	Crizotinib inhibition of ROS1-positive tumours in advanced non-small-cell lung cancer: A Canadian perspective	Current Oncology		26	4	e551-e557	2019-08-01	Yes	2.257	Contributing author
Bigras, Gilbert	10.1097/PAI.0000000000000800	Fit-For-Purpose PD-L1 Biomarker Testing for Patient Selection in Immuno-Oncology: Guidelines for Clinical Laboratories from the Canadian Association of Pathologists-Association Canadienne des Pathologistes (CAP-ACP)	APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY		27	10	699-714	2019-11-01	Yes	1.773	Contributing author
Bigras, Gilbert	10.1016/j.lungcan.2019.06.012	Real-world prevalence of programmed death ligand 1 expression in locally advanced or metastatic non-small-cell lung cancer: The global, multicenter EXPRESS study	LUNG CANCER		134		174-179	2019-08-01	Yes	4.702	Contributing author
Bigras, Gilbert	10.1109/TMI.2019.2907093	Training Convolutional Neural Networks and Compressed Sensing End-to-End for Microscopy Cell Detection	IEEE TRANSACTIONS ON MEDICAL IMAGING		38	11	2632-2641	2019-11-01	Yes	6.685	Co-first author
Campbell, Patricia Mary	10.1111/apt.15826	A single nucleotide polymorphism genetic risk score to aid diagnosis of coeliac disease: a pilot study in clinical care	- Other -	Alimentary Pharmacology and Therapeutics	52		1165-73	2020-01-01	Yes	7.515	Contributing author
Campbell, Patricia Mary	10.1007/s40472-019-00264-z	Allocation and Reporting of Deceased Donor Kidney Transplantation in Canada	- Other -	Current Transplantation Reports	6	4	344-347	2019-12-01	Yes		Contributing author
Campbell, Patricia Mary	10.1016/j.cjca.2019.12.025	Canadian Cardiovascular Society/Canadian Cardiac Transplant Network Position Statement on Heart Transplantation: Patient Eligibility, Selection, and Post-Transplantation Care	- Other -	Canadian Journal of Cardiology	36	3	335-356	2020-03-01	Yes	5	Contributing author
Campbell, Patricia Mary	10.1097/TP.0000000000002798	HLA Alloimmunization Following Ventricular Assist Device Support Across the Age Spectrum	- Other -	Transplantation	103	12	2715-2724	2019-12-01	Yes	4.26	Contributing author
Campbell, Patricia Mary	10.1177/2054358120908677	Mortality and Morbidity in Kidney Transplant Recipients With a Failing Graft: A Matched Cohort Study	- Other -	Canadian Journal of Kidney Health and Disease	7			2020-01-01	Yes	2.9	Contributing author
Campbell, Patricia Mary	10.1681/ASN.2019020127	Referral for Kidney Transplantation in Canadian Provinces	- Other -	Journal of the American Society of Nephrology				2019-08-06	Yes	8.98	Contributing author
Campbell, Patricia Mary	10.1111/ajt.15937	Sensitization in transplantation: Assessment of risk (STAR) 2019 Working Group Meeting Report	- Other -	American Journal of Transplantation	00		1-17	2020-01-01	Yes	7.338	Contributing author
Charlton, Carmen Lynn	10.17269/s41997-019-00281-6	Examination of a Canadian provincial prenatal HIV screening program: 2010 to 2014	CANADIAN JOURNAL OF PUBLIC HEALTH-REVUE CANADIENNE DE SANTE PUBLIQUE					2019-12-31	Yes	1.638	Corresponding author,Senior (responsible) author
Charlton, Carmen Lynn	10.1186/s12889-020-08719-0	Expanding access to HIV testing through Canadian community pharmacies: Findings from the APPROACH study	BMC PUBLIC HEALTH		20	1		2020-05-06	Yes	2.521	Contributing author
Charlton, Carmen Lynn	10.1093/clinchem/hvaa080	The SARS-CoV-2 Outbreak: Diagnosis, Infection Prevention, and Public Perception	CLINICAL CHEMISTRY					2020-03-09	Yes	7.292	Contributing author
Chiu, Brian	10.3390/diagnostics9040160	Pediatric sarcoidosis: A review with emphasis on early onset and high-risk sarcoidosis and diagnostic challenges	- Other -	Diagnostics	1	0	56	2019-12-01	Yes	2.36	First author,Senior (responsible) author
Chiu, Brian	10.3390/diagnostics9040160	Pediatric sarcoidosis: A review with emphasis on early onset and high-risk sarcoidosis and diagnostic challenges	- Other -	Diagnostics	9	4	160	2019-10-25	Yes	2.36	Senior (responsible) author
Chiu, Brian	10.5114/amsad.2020.95884	Usefulness of resveratrol supplementation in decreasing cardiometabolic risk factors comparing subjects with metabolic syndrome and healthy subjects with or without obesity: meta-analysis using multinational, randomised, controlled trials	- Other -	Arch Med Sci Atheroscler Dis	5		e98-e111	2020-05-30	Yes	1.38	Senior (responsible) author
Chui, Linda Wai-Ling	10.1007/s10096-019-03688-8	A prospective comparative study of children with gastroenteritis: emergency department compared with symptomatic care at home	EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES		38	12	2371-2379	2019-12-01	Yes	2.837	Contributing author

Chui, Linda Wai-Ling	10.1038/s41467-020-16308-3	A randomized trial evaluating virus-specific effects of a combination probiotic in children with acute gastroenteritis	- Other -	Nature Communications	11	1		2020-05-21	Yes	11.8	Contributing author
Chui, Linda Wai-Ling	10.1016/j.fm.2019.03.023	Bacteriological analysis of wheat flour associated with an outbreak of Shiga toxin-producing Escherichia coli O121		FOOD MICROBIOLOGY	82		474-481	2019-08-31	Yes	4.155	Contributing author
Chui, Linda Wai-Ling	10.1016/j.fm.2019.103400	Characterization of Escherichia coli possessing the locus of heat resistance isolated from human cases of acute gastroenteritis		FOOD MICROBIOLOGY	88			2020-06-01	Yes	4.155	Corresponding author, Senior (responsible) author
Chui, Linda Wai-Ling	10.3390/toxins11100607	Contribution and interaction of shiga toxin genes to Escherichia coli O157:H7 Virulence	- Other -	Toxins	11	10	607	2019-10-18	Yes	3.76	Senior (responsible) author
Chui, Linda Wai-Ling	10.3390/toxins11100613	Epidemiology of shiga toxin-producing Escherichia coli O157 in the Province of Alberta, Canada, 2009-2016	- Other -	Toxins	11	10	613	2019-10-22	Yes	3.76	Senior (responsible) author, First author is my trainee
Chui, Linda Wai-Ling	10.4315/0362-028X.JFP-19-005	Outbreak of Escherichia coli O157:H7 Infections Linked to Mechanically Tenderized Beef and the Largest Beef Recall in Canada, 2012		JOURNAL OF FOOD PROTECTION	82	9	1532-1538	2019-09-01	Yes	1.581	Contributing author
Chui, Linda Wai-Ling	10.1093/cid/ciy1021	Performance of Stool-testing Recommendations for Acute Gastroenteritis When Used to Identify Children with 9 Potential Bacterial Enteropathogens	- Other -	Clinical Infectious Diseases	69	7	1173-1182	2019-09-13	Yes	7.71	Contributing author
Chui, Linda Wai-Ling	10.1016/j.diagmicrobio.2019.07.001	Viability of bacterial enteropathogens in fecal samples in the presence or absence of different types of transport media	- Other -	Diagnostic Microbiology and Infectious Disease	95	3		2019-11-01	Yes	2.499	Senior (responsible) author
Croxen, Matthew A	10.1126/sciadv.aax3013	Antibodies to the conserved region of the M protein and a streptococcal superantigen cooperatively resolve toxic shock-like syndrome in HLA-humanized mice	- Other -	Science Advances	5	9		2019-09-04	Yes		Contributing author
Croxen, Matthew A	10.1093/ofid/ofz431	Genomic Epidemiology of Major Extraintestinal Pathogenic Escherichia coli Lineages Causing Urinary Tract Infections in Young Women across Canada	Open Forum Infectious Diseases		6	11		2019-10-15	Yes	3.656	Contributing author
Croxen, Matthew A	10.2807/1560-7917.ES.2020.25.7.2000103	Interim estimates of 2019/20 vaccine effectiveness during early-season co-circulation of influenza A and B viruses, Canada, February 2020		Eurosurveillance	25	7		2020-02-20	Yes	6.454	Contributing author
Croxen, Matthew A	10.1093/cid/ciz497	Mycobacterium chimaera Encephalitis following Cardiac Surgery: A New Syndrome		CLINICAL INFECTIOUS DISEASES	70	4	692-695	2020-02-03	Yes	8.313	Contributing author
Croxen, Matthew A	10.2807/1560-7917.ES.2019.24.46.1900585	Paradoxical clade- And age-specific vaccine effectiveness during the 2018/19 influenza A(H3N2) epidemic in Canada: Potential imprint-regulated effect of vaccine (I-REV)		Eurosurveillance	24	46		2019-11-14	Yes	6.454	Contributing author
Croxen, Matthew A	10.1177/1203475419839939	The Cutaneous Microbiome: Implications for Dermatology Practice		JOURNAL OF CUTANEOUS MEDICINE AND SURGERY	23	4	436-441	2019-07-01	Yes	1.909	Contributing author
Croxen, Matthew A	10.1111/tid.13163	The use of genome sequencing to investigate an outbreak of hospital-acquired mucormycosis in transplant patients		Transplant Infectious Disease	21	5		2019-10-01	Yes	2.071	Contributing author
Deschenes, Jean	10.1038/s41467-019-10138-8	An integrated stress response via PKR suppresses HER2+ cancers and improves trastuzumab therapy		Nature Communications	10	1		2019-12-01	Yes	12.121	Corresponding author
Deschenes, Jean	10.1097/PAL.0000000000000800	Fit-For-Purpose PD-L1 Biomarker Testing for Patient Selection in Immuno-Oncology: Guidelines for Clinical Laboratories from the Canadian Association of Pathologists-Association Canadienne des Pathologistes (CAP-ACP)		APPLIED IMMUNOHISTOCHEMISTRY & MOLECULAR MORPHOLOGY	27	10	699-714	2019-11-01	Yes	1.773	Consortium author, Contributing author
Dijke, Ilona Esmeralda	10.1016/j.jcyt.2019.10.011	Cryopreservation timing is a critical process parameter in a thymic regulatory T-cell therapy manufacturing protocol		CYTOTHERAPY	21	12	1216-1233	2019-12-01	Yes	4.218	Contributing author
Dijke, Ilona Esmeralda	10.1111/ajt.15937	Sensitization in transplantation: Assessment of risk (STAR) 2019 Working Group Meeting Report		AMERICAN JOURNAL OF TRANSPLANTATION				2020-01-01	Yes	7.338	Contributing author
Dingle, Tanis	10.1128/JCM.01261-19	A complete genome screening program of clinical methicillin-resistant staphylococcus aureus isolates identifies the origin and progression of a neonatal intensive care unit outbreak		JOURNAL OF CLINICAL MICROBIOLOGY	57	12	e01261-19	2019-12-01	Yes	5.897	Contributing author
Dingle, Tanis	10.1128/JCM.01096-19	Brucella exposure risk events in 10 clinical laboratories, New York City, USA, 2015 to 2017		JOURNAL OF CLINICAL MICROBIOLOGY	58	2		2020-01-01	Yes	5.897	Contributing author
Dingle, Tanis	10.1503/cmaj.190433	Five Things to Know About...Candida auris		CANADIAN MEDICAL ASSOCIATION JOURNAL	191	31	E865	2019-08-06	Yes	7.744	Senior (responsible) author
Dingle, Tanis	10.1093/cid/ciaa007	High Rates of Influenza-Associated Invasive Pulmonary Aspergillosis May Not Be Universal: A Retrospective Cohort Study From Alberta, Canada		CLINICAL INFECTIOUS DISEASES				2020-01-06	Yes	8.313	Contributing author
Dingle, Tanis	10.1017/ice.2019.369	Preparedness for Candida auris in Canadian Nosocomial Infection Surveillance Program (CNISP) hospitals, 2018		INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY	41	3	361-364	2020-03-01	Yes	2.938	Consortium author
Dingle, Tanis	10.1093/cid/ciaa406	Reply to Ku et al		CLINICAL INFECTIOUS DISEASES				2020-04-17	Yes	8.313	Contributing author

Dingle, Tanis	10.1093/jac/dkz287	Species distribution and antifungal susceptibility of invasive <i>Candida</i> isolates from Canadian hospitals: results of the CANWARD 2011-16 study	JOURNAL OF ANTIMICROBIAL CHEMOTHERAPY		74	4	iv48-iv54	2019-08-01	Yes	5.439	Contributing author
Dingle, Tanis	10.1503/cmaj.74194	The authors respond to "Candida auris can be identified accurately"	CANADIAN MEDICAL ASSOCIATION JOURNAL		192	2	E45	2020-01-13	Yes	7.744	First author
Dingle, Tanis	10.1111/tid.13163	The use of genome sequencing to investigate an outbreak of hospital-acquired mucormycosis in transplant patients	Transplant Infectious Disease		21	5		2019-10-01	Yes	2.071	Contributing author
Drabovich, Andrei	10.1016/j.jes.2020.02.008	Gasoline-derived methyl tert-butyl ether as a potential obesogen linked to metabolic syndrome	Journal of Environmental Sciences		91		209-211	2020-05-01	Yes	4.302	Corresponding author,Senior (responsible) author
Drabovich, Andrei	10.1074/mcp.RA119.001612	Multi-omics biomarker pipeline reveals elevated levels of protein-glutamine gamma-glutamyltransferase 4 in seminal plasma of prostate cancer patients	MOLECULAR & CELLULAR PROTEOMICS		18	9	1807-1823	2019-09-01	Yes	4.87	Corresponding author,Senior (responsible) author
Drews, Steven J	10.1111/trf.15744	A case series of inactivated Japanese encephalitis virus vaccination associated with positive West Nile virus blood donor screening nucleic acid tests.	TRANSFUSION					2020-03-10	Yes	2.8	First author
Drews, Steven J	10.1007/s10096-019-03688-8	A prospective comparative study of children with gastroenteritis: emergency department compared with symptomatic care at home.	EUROPEAN JOURNAL OF CLINICAL MICROBIOLOGY & INFECTIOUS DISEASES					2019-09-09	Yes	2.837	Contributing author
Drews, Steven J	doi: 10.1111/trf.15644.	A suspected septic transfusion reaction associated with posttransfusion contamination of a platelet pool by vancomycin-resistant <i>Enterococcus faecium</i> .	TRANSFUSION					2019-12-20	Yes	2.8	First author
Drews, Steven J	doi: 10.1016/j.jinf.2019.07.008	Comparative global epidemiology of influenza, respiratory syncytial and parainfluenza viruses, 2010-2015.	JOURNAL OF INFECTION					2019-07-22	Yes	4.842	Contributing author
Drews, Steven J	10.1016/j.jinf.2020.04.032	Comparative seasonalities of influenza A, B and H3N2; common cold; coronaviruses - setting the scene for SARS-CoV-2 infections and possible unexpected host immune interactions.	JOURNAL OF INFECTION					2020-04-28	Yes	4.842	Contributing author
Drews, Steven J	https://doi.org/10.1093/cid/ciaa777	Development of an ordinal scale treatment endpoint in adults hospitalized with influenza. Clinical Infectious Diseases.	CLINICAL INFECTIOUS DISEASES					2020-06-17	Yes	8.313	Contributing author
Drews, Steven J	10.1016/j.cmi.2020.01.004	Influenza increases invasive meningococcal disease risk in temperate countries.	CLINICAL MICROBIOLOGY AND INFECTION					2020-01-11	Yes	7.117	Contributing author
Drews, Steven J	10.1093/infdis/jiaa138	Influenza vaccine effectiveness by A(H3N2) phylogenetic sub-cluster and prior vaccination history: 2016-17 and 2017-18 epidemics in Canada.	JOURNAL OF INFECTIOUS DISEASES					2020-03-26	Yes	5.022	Contributing author
Drews, Steven J	10.1111/trf.15470	Prevalence of Babesia in Canadian blood donors: June-October 2018.	TRANSFUSION					2019-08-05	Yes	2.8	Contributing author
Drews, Steven J	0.1016/j.jhin.2020.01.009	Sources of viral respiratory infections in Canadian acute care hospital healthcare personnel.	JOURNAL OF HOSPITAL INFECTION					2020-01-16	Yes	3.271	Contributing author
Drews, Steven J	doi: 10.1186/s12874-019-0801-1.	The association between influenza vaccination and socioeconomic status in high income countries varies by the measure used: a systematic review.	BMC Medical Research Methodology					2019-07-19	Yes	3.031	Contributing author
Drews, Steven J	10.1136/bmjopen-2019-029708	Using population-wide administrative and laboratory data to estimate type- and subtype-specific influenza vaccine effectiveness: a surveillance protocol.	BMJ Open					2019-09-30	Yes	2.496	Contributing author
El Hallani, Soufiane	10.1016/j.jmoldx.2019.10.002	Clinical Validation of a Myeloid Next-Generation Sequencing Panel for Single-Nucleotide Variants, Insertions/Deletions, and Fusion Genes	JOURNAL OF MOLECULAR DIAGNOSTICS		22	2	208-219	2020-02-01	Yes	5.553	Contributing author
El Hallani, Soufiane	10.1007/978-3-030-50402-1_15	Digital Image Analysis in Pathology Using DNA Stain: Contributions in Cancer Diagnostics and Development of Prognostic and Theranostic Biomarkers	- Other -	Artificial Intelligence and Machine Learning for Digital Pathology	12090 LNCS		246-263	2020-06-24	Yes		First author
Hugh, Judith	10.1111/his.13880	Analytical validation of a standardised scoring protocol for Ki67 immunohistochemistry on breast cancer excision whole sections: an international multicentre collaboration	- Other -	Histopathology	75	2	225-235	2019-08-01	Yes		Contributing author
Hugh, Judith	10.1038/s41419-020-2654-2	BK drives an aggressive breast cancer phenotype through sublethal apoptosis and predicts poor prognosis of ER-positive breast cancer	- Other -	Cell Death and Disease	11	6	448	2020-06-01	Yes	10.717	Contributing author
Izevbaye, Iyare	10.1016/j.jmoldx.2019.10.002	Clinical Validation of a Myeloid Next-Generation Sequencing Panel for Single-Nucleotide Variants, Insertions/Deletions, and Fusion Genes	- Other -	Journal of Molecular Diagnostics	22	2	208-219	2020-01-31	Yes	5.5	First author
Izevbaye, Iyare	10.3747/co.27.5533	Digital gene expression analysis might aid in the diagnosis of thyroid cancer	- Other -	Current Oncology	27	2	e93-e99	2019-12-31	Yes	2.4	First author is my trainee,Senior (responsible) author

Izevbayev, Iyare	10.1016/j.ygyno.2019.10.021	Genomic heterogeneity in peritoneal implants: A differential analysis of gene expression using nanostring Human Cancer Reference panel identifies a malignant signature	- Other -	Gynecologic Oncology	156	1	6-12	2019-12-31	Yes	4.5	Co-first author
Le, Xiao-Chun	10.1016/j.jes.2019.10.002	"Waste"-ing away: Presence of Cu ions influences microbial degradation kinetics and metabolite formation of the prevalent brominated flame retardant BDE-47	Journal of Environmental Sciences		87		421-424	2020-01-01	No	4.302	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1021/acsnano.9b05276	A Genome-Editing Nanomachine Constructed with a Clustered Regularly Interspaced Short Palindromic Repeats System and Activated by Near-Infrared Illumination	ACS Nano		14	3	2817-2826	2020-03-24	Yes	14.588	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1021/acs.analchem.9b05740	Aptamer Binding Assay for the e Antigen of Hepatitis B Using Modified Aptamers with G-Quadruplex Structures	ANALYTICAL CHEMISTRY		92	9	6495-6501	2020-05-05	Yes	6.785	Contributing author
Le, Xiao-Chun	10.1016/j.aca.2020.05.061	Aptamer binding assays and molecular interaction studies using fluorescence anisotropy - A review	ANALYTICA CHIMICA ACTA		1125	2	267-278	2020-05-28	Yes	5.977	Corresponding author
Le, Xiao-Chun	10.1016/j.trac.2019.115770	Arsenic speciation analysis: A review with an emphasis on chromatographic separations	TRAC-TRENDS IN ANALYTICAL CHEMISTRY		123			2020-02-01	Yes	9.801	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1016/j.jes.2020.01.023	Arsenic species in electronic cigarettes: Determination and potential health risk	Journal of Environmental Sciences		91	9	168-176	2020-05-01	Yes	4.302	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1039/c9cc04226a	Beacon-mediated exponential amplification reaction (BEAR) using a single enzyme and primer	CHEMICAL COMMUNICATIONS		55	72	10677-10680	2019-08-19	Yes	5.996	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1016/j.jes.2020.03.004	Electronic cigarettes and toxic substances, including arsenic species	Journal of Environmental Sciences		92		278-283	2020-06-01	No	4.302	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1007/s11426-019-9500-6	Fluorescence imaging of Cu(I) in endoplasmic reticulum of live cells and tissue	Science China-Chemistry		62	7	887-888	2019-07-01	Yes	6.356	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1016/j.envint.2019.105154	Metabolomics and transcriptomics reveal defense mechanism of rice (Oryza sativa) grains under stress of 2,2',4,4'-tetrabromodiphenyl ether	ENVIRONMENT INTERNATIONAL		133		105154	2019-09-12	Yes	7.577	Contributing author
Le, Xiao-Chun	10.1021/acs.analchem.0c02060	Molecular diagnosis of COVID-19: Challenges and research needs	ANALYTICAL CHEMISTRY		92		10196-10209	2020-06-23	Yes	6.785	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1128/AEM.02050-19	N-Hydroxyarylamine O-Acetyltransferases catalyze acetylation of 3-Amino-4-Hydroxyphenylarsonic acid in the 4-Hydroxy-3-Nitrobenzenearsonic acid transformation pathway of enterobacter sp. Strain CZ-1	APPLIED AND ENVIRONMENTAL MICROBIOLOGY		86	2	10677-10680	2020-01-01	Yes	4.016	Contributing author, First author is my trainee
Le, Xiao-Chun	10.1021/acs.analchem.9b04752	Signal amplification in living cells: A review of microRNA detection and imaging	ANALYTICAL CHEMISTRY		92	1	292-308	2020-01-07	No	6.785	Corresponding author, First author is my trainee
Le, Xiao-Chun	10.1016/j.jes.2020.04.003	Simultaneous removal of arsenic and antimony from mining wastewater	Journal of Environmental Sciences		93		117-119	2020-04-18	No	4.302	Corresponding author, First author is my trainee
Leng, Roger	10.1093/neuonc/noz036.017	BIOL-04. DISTAL-LESS/DLX2 HOMEBOX GENE REGULATION OF CHEMOKINE RECEPTOR CXCR4 - ROLE IN MIGRATION IN FOREBRAIN DEVELOPMENT AND CNS TUMORS.	NEURO-ONCOLOGY		21	suppl-2	ii66-ii67	2019-07-22	Yes	10.247	Contributing author
Leng, Roger	no	CHIP is a Key Regulator of Tumor Suppressor Tap63	- Other -	revision				2019-12-31	Yes		Senior (responsible) author
Leng, Roger	10.7150/jca.46464	Graphene Oxide Nanoparticles Induce Apoptosis in wild-type and CRISPR/Cas9-IGF1GF1BP3 knocked-out Osteosarcoma Cells.	Journal of Cancer		11	17	5007-5023	2020-06-21	Yes	3.565	Contributing author
Li, Xing-Fang	10.1016/j.watres.2020.116102	A hidden risk: Survival and resuscitation of Escherichia coli O157:H7 in the viable but nonculturable state after boiling or microwaving	- Other -	Water Research	183			2020-06-26	Yes		Corresponding author
Li, Xing-Fang	10.1021/acs.analchem.9b05740	Aptamer Binding Assay for the e Antigen of Hepatitis B Using Modified Aptamers with G-Quadruplex Structures	- Other -	Analytical Chemistry	92	9	6495-6501	2020-05-05	Yes		Corresponding author
Li, Xing-Fang	10.1021/acs.chemrestox.0c00049	Cytotoxicity of Halogenated Tyrosyl Compounds, an Emerging Class of Disinfection Byproducts	- Other -	Chemical Research in Toxicology	33	4	1028-1035	2020-04-20	Yes		Corresponding author
Li, Xing-Fang	<a href="https://doi.org/10.1007/978-981-13-9447-8">https://doi.org/10.1007/978-981-13-9447-8</a>	Disinfection: a trade-off between microbial and chemical risks.	- Other -	A New Paradigm of Environmental Chemistry and Toxicology-From Concepts to Insights.			211-228	2020-01-02	Yes		Corresponding author
Li, Xing-Fang	10.1016/j.jes.2020.03.004	Electronic cigarettes and toxic substances, including arsenic species	- Other -	Journal of Environmental Sciences (China)	92		278-283	2020-06-01	Yes	4.2	Corresponding author
Li, Xing-Fang	10.1016/j.jes.2019.07.018	N-Nitrosamine formation from chloramination of two common ionic liquids	- Other -	Journal of Environmental Sciences (China)	87		341-348	2020-01-01	Yes	4.2	Corresponding author
Li, Xing-Fang	10.1016/j.jes.2019.04.028	Pesticides and trace elements in cannabis: Analytical and environmental challenges and opportunities	- Other -	Journal of Environmental Sciences (China)	85		82-93	2019-11-01	Yes	4.3	Corresponding author

Mengel, Michael Hartman	10.1111/ajt.16059	Banff 2019 Meeting Report: Molecular diagnostics in solid organ transplantation-Consensus for the Banff Human Organ Transplant (B-HOT) gene panel and open source multicenter validation	AMERICAN JOURNAL OF TRANSPLANTATION					2020-01-01	Yes	7.338	First author
Mengel, Michael Hartman	10.1111/ajt.15980	Intragraft gene expression in native kidney BK virus nephropathy versus T cell-mediated rejection: Prospects for molecular diagnosis and risk prediction	AMERICAN JOURNAL OF TRANSPLANTATION					2020-01-01	Yes	7.338	Senior (responsible) author
Mengel, Michael Hartman	10.1097/TP.0000000000003095	Recommended Treatment for Antibody-mediated Rejection after Kidney Transplantation: The 2019 Expert Consensus from the Transplantation Society Working Group	TRANSPLANTATION			911-922		2020-01-01	Yes	4.264	Consortium author
Mengel, Michael Hartman	10.1111/ajt.15937	Sensitization in transplantation: Assessment of risk (STAR) 2019 Working Group Meeting Report	AMERICAN JOURNAL OF TRANSPLANTATION					2020-01-01	Yes	7.338	Consortium author
Mengel, Michael Hartman	10.1111/ajt.15898	The Banff 2019 Kidney Meeting Report (I): Updates on and clarification of criteria for T cell- and antibody-mediated rejection	AMERICAN JOURNAL OF TRANSPLANTATION					2020-01-01	Yes	7.338	Senior (responsible) author
Mengel, Michael Hartman	10.1111/ajt.16083	The XVth Banff Conference on Allograft Pathology the Banff Workshop Heart Report: Improving the diagnostic yield from endomyocardial biopsies and Quality effect revisited	AMERICAN JOURNAL OF TRANSPLANTATION					2020-01-01	Yes	7.338	Contributing author
Nahirniak, Susan Nicole	10.1001/jama.2019.17478	Effect of Fresh vs Standard-Issue Red Blood Cell Transfusions on Multiple Organ Dysfunction Syndrome in Critically Ill Pediatric Patients: A Randomized Clinical Trial	- Other -	JAMA - Journal of the American Medical Association	322	22	2179-2190	2019-12-09	Yes		Other
Nahirniak, Susan Nicole	10.1097/TP.0000000000002798	HLA Alloimmunization Following Ventricular Assist Device Support Across the Age Spectrum	- Other -	Transplantation	103	12	2715-2724	2019-11-30	Yes		Contributing author,First author is my trainee
Nahirniak, Susan Nicole	10.1038/s41372-019-0360-7	Postnatal intervention for the treatment of FNAIT: a systematic review	Journal of Perinatology		39	10	1329-1339	2019-09-30	Yes	1.967	Contributing author
Nahirniak, Susan Nicole	10.1111/ajt.16066	Transfusion-transmitted and community-acquired cytomegalovirus infection in seronegative solid organ transplant recipients receiving seronegative donor organs	AMERICAN JOURNAL OF TRANSPLANTATION					2020-05-19	Yes	7.338	Contributing author,First author is my trainee
Pang, Xiaoli Lilly	10.1007/s10096-019-03688-8	A prospective comparative study of children with gastroenteritis: emergency department compared with symptomatic care at home	- Other -	Eur J Clin Microbiol Infect Dis	38	12	2371-2379	2019-12-01	Yes		Contributing author
Pang, Xiaoli Lilly	10.1038/s41467-020-16308-3	A randomized trial evaluating virus-specific effects of a combination probiotic in children with acute gastroenteritis.	Nature Communications		11	11(1):2533		2020-05-21	Yes	12.121	Contributing author
Pang, Xiaoli Lilly	10.3201/eid2508.190059	Emergence of a Novel Recombinant Norovirus GII.16-GII.12 Strain Causing Gastroenteritis, Alberta, Canada	EMERGING INFECTIOUS DISEASES		25	8	1556-1559	2019-07-31	Yes	6.259	Corresponding author
Pang, Xiaoli Lilly	10.1093/cid/ciy1021	Performance of Stool-testing Recommendations for Acute Gastroenteritis When Used to Identify Children with 9 Potential Bacterial Enteropathogens	- Other -	Clinical Infectious Diseases	69	7	1173-1182	2019-09-13	Yes		Contributing author
Purdy, Lisa Eileen	<a href="https://doi.org/10.7939/r3-b0nv-r77">https://doi.org/10.7939/r3-b0nv-r77</a>	Supporting student success requires looking out for their mental health	- Other -	University Affairs				2019-12-04	Yes		Senior (responsible) author
Reeve, Jeff Paul	10.1111/ajt.16161	Factors associated with kidney graft survival in pure antibody-mediated rejection at the time of indication biopsy: Importance of parenchymal injury but not disease activity	- Other -	Am J Transplant			Online ahead of print	2020-06-28	Yes	7.163	Contributing author
Reeve, Jeff Paul	10.1097/TP.0000000000003278	Impact of Belatacept Conversion on Renal Function, Histology and Gene Expression in Kidney Transplant Patients With Chronic Active Antibody-mediated Rejection	- Other -	Transplantation			Online ahead of print	2020-04-17	Yes	4.264	Contributing author
Reeve, Jeff Paul	10.3389/fmed.2020.00114	Non-invasive Chemokine Detection: Improved Prediction of Antibody-Mediated Rejection in Donor-Specific Antibody-Positive Renal Allograft Recipients	- Other -	Frontiers in Medicine	7			2020-04-09	Yes	3	Contributing author
Russell, Laurie Jane	10.1159/000507399	Two Cases of Giant Melanocytoma (Hyperpigmented Magnocellular Nevus)	- Other -	Ocular Oncology and Pathology				2020-06-02	Yes	0.6	Co-first author
Schnabl, Kareena Leanne	10.3390/ijns5040037	Newborn Screening: Current Status in Alberta Canada	- Other -	International Journal of Neonatal Screening	5	4	37:1-9.	2019-12-02	Yes		Contributing author
Sergi, Consolato Maria	10.1016/j.hpb.2019.06.001	Biliary microbiota in pancreatic cancer	- Other -	HPB (Oxford)	21	12	1790	2019-12-01	Yes		Contributing author,First author
Sergi, Consolato Maria	10.1007/s12519-019-00269-9	Gianotti-Crosti syndrome (papular acrodermatitis of childhood) in the era of a viral recrudescence and vaccine opposition	- Other -	World Journal of Pediatrics	15	6	521-527	2019-12-01	Yes		Contributing author
Sergi, Consolato Maria	10.1111/jid.14464	Melanonychia striata: clarifying behind the Black Curtain. A review on clinical evaluation and management of the 21st century	- Other -	International Journal of Dermatology	58	11	1239-1245	2019-11-01	Yes		Contributing author,Senior (responsible) author
Sergi, Consolato Maria	10.3390/diagnostics9040160	Pediatric sarcoidosis: A review with emphasis on early onset and high-risk sarcoidosis and diagnostic challenges	- Other -	Diagnostics	9	4		2019-12-01	Yes		Contributing author,Senior (responsible) author

Sergi, Consolato Maria	10.3390/diagnostics9040160	Pediatric sarcoidosis: A review with emphasis on early onset and high-risk sarcoidosis and diagnostic challenges	- Other -	Diagnostics	9	4		2019-12-01	Yes		Senior (responsible) author
Sergi, Consolato Maria	10.3390/diagnostics9040201	Pediatrics: An evolving concept for the 21st century	- Other -	Diagnostics	9	4		2019-12-01	Yes		First author,Senior (responsible) author
Sergi, Consolato Maria	10.3390/diagnostics9040201	Pediatrics: An evolving concept for the 21st century	- Other -	Diagnostics	9	4		2019-12-01	Yes		Contributing author,First author
Sergi, Consolato Maria	10.1016/j.epsc.2019.101205	Spontaneous perinatal gallbladder perforation	- Other -	Journal of Pediatric Surgery Case Reports	46			2019-07-01	Yes		First author
Sergi, Consolato Maria	10.1503/cmaj.73297	Sudden cardiac death and ethnicity	- Other -	CMAJ	191	45	E1254	2019-11-11	Yes		Corresponding author,First author,Senior (responsible) author
Sis, Banu	10.1172/JCI128469	Apelin directs endothelial cell differentiation and vascular repair following immune-mediated injury	JOURNAL OF CLINICAL INVESTIGATION		130	1	94-107	2020-01-02	Yes	11.864	Contributing author
Sis, Banu	10.1182/blood.2019003807	Clinicopathologic predictors of renal outcomes in light chain cast nephropathy: a multicenter retrospective study	BLOOD		135	21	1833-1846	2020-05-21	Yes	17.543	Contributing author
Sis, Banu	10.1089/sur.2019.193	Onicostatin M Plays a Critical Role in Survival after Acute Intestinal Ischemia: Reperfusion Injury	Surgical Infections					2020-05-05	Yes	2.102	Contributing author
Sosova, Iveta	10.3390/jms5040037	Newborn screening: Current status in Alberta, Canada	- Other -	International Journal of Neonatal Screening	5	4		2019-10-01	Yes		Senior (responsible) author
Thiesen, Aduccio Leonel	10.1016/j.humpath.2019.06.002	Loss of nuclear localization of thyroid transcription factor 1 and adverse outcomes in papillary thyroid cancer	- Other -	Human Pathology	91		36-42	2019-09-01	Yes	3.1	Contributing author
Thiesen, Aduccio Leonel	10.14309/crj.0000000000000323, 10.14309/crj.000000	Primary Esophageal Tuberculosis Without Dysphagia or Odynophagia in a Patient Without HIV	- Other -	Acg Case Reports Journal.	7	2	e00323	2020-02-01	Yes	0.3	Contributing author
Tsui, Albert King-Yeung	10.1093/clinchem/hvaa015	Missing plasma, Faulty gel, or something else?	CLINICAL CHEMISTRY		66	4	625-626	2020-04-01	Yes	7.292	Corresponding author,First author
Tsui, Albert King-Yeung	10.1016/j.clinbiochem.2019.10.014	Multi-platform analytical evaluation of the Beckman Coulter Access high-sensitivity troponin I assay across different laboratory sites using Barricor plasma	CLINICAL BIOCHEMISTRY		78		25-31	2020-04-01	Yes	2.573	Contributing author
Tyrrell, Gregory John	10.1126/sciadv.aax3013	Antibodies to the conserved region of the M protein and a streptococcal superantigen cooperatively resolve toxic shock-like syndrome in HLA-humanized mice	Science Advances		5	9		2019-09-04	Yes	13.116	Contributing author
Tyrrell, Gregory John	10.1111/tid.13229	Non-tuberculous mycobacteria in lung transplant recipients: Prevalence, risk factors, and impact on survival and chronic lung allograft dysfunction	Transplant Infectious Disease		22	2		2020-04-01	Yes	2.071	Contributing author
Tyrrell, Gregory John	10.1139/cjm-2019-0406	Whole genome sequencing to study the phylogenetic structure of serotype a haemophilus influenzae recovered from patients in canada	CANADIAN JOURNAL OF MICROBIOLOGY		66	2	99-110	2020-01-01	Yes	1.793	Contributing author
van Landeghem, Frank	10.1007/s11060-019-03230-y	Absent in melanoma 2 regulates tumor cell proliferation in glioblastoma multiforme	JOURNAL OF NEURO-ONCOLOGY		144	2	265-273	2019-08-31	Yes	3.267	Contributing author
van Landeghem, Frank	10.1200/PO.19.00298	Outcomes of BRAF V600E pediatric gliomas treated with targeted BRAF inhibition	- Other -	JCO Precision Oncology	4		561-571	2020-05-20	Yes		Contributing author
Zhang, Hongquan	10.1039/c9cc04226a	Beacon-mediated exponential amplification reaction (BEAR) using a single enzyme and primer	CHEMICAL COMMUNICATIONS		55	72	10677-10680	2019-07-19	Yes	5.996	Contributing author,First author is my trainee
Zhang, Hongquan	10.1021/acs.analchem.0c02060	Molecular Diagnosis of COVID-19: Challenges and Research Needs	ANALYTICAL CHEMISTRY		92	15	10196-10209	2020-06-23	Yes	6.785	Corresponding author
Zhang, Hongquan	10.1021/acs.analchem.9b04752	Signal amplification in living cells: A review of microRNA detection and imaging	ANALYTICAL CHEMISTRY		92	1	292-308	2020-01-07	Yes	6.785	Corresponding author
Zhang, Hongquan	10.1016/j.jes.2019.03.008	Urban recreational water – p otential breeding ground for antibiotic resistant bacteria?	Journal of Environmental Sciences		81		1-3	2019-07-01	Yes	4.302	First author is my trainee,Senior (responsible) author