

Publications, Department of Laboratory Medicine & Pathology (July 1, 2020 - June 30, 2021)								
Person	DOI	Title	Venue	Volume	Issue	Page Numbers	Date Published	Impact Factor
Chui, Linda Wai-Ling	10.1016/S2468-1253(21)00007-8	The effect of a microbial ecosystem therapeutic (MET-2) on recurrent Clostridioides difficile infection: a phase 1, open-label, single-group trial	Scientific Reports	6	4	282-291	2021-04	18.486
Drews, Steven J	10.1126/sciimmunol.abe5511	Persistence of serum and saliva antibody responses to SARS-CoV-2 spike antigens in COVID-19 patients.	Science Immunology				2020-10	17.727
Leng, Roger	10.1093/nar/gkab081	Hsp70 acts as a fine-switch that controls E3 ligase CHIP-mediated TAp63 and Δnp63 ubiquitination and degradation	Nature Communications	49	5	2740-2758	2021-03	16.971
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			E212328	2021-01	16.193
Bigras, Gilbert	10.1016/j.jtho.2020.03.029	Canadian Multicenter Project on Standardization of Programmed Death-Ligand 1 Immunohistochemistry 22C3 Laboratory-Developed Tests for Pembrolizumab Therapy in NSCLC	Journal of Thoracic Oncology	15	8	1328-1337	2020-08	15.609
Le, Xiao-Chun	10.1002/anie.202014162	Binding-mediated formation of ribonucleoprotein corona for efficient delivery and control of CRISPR/Cas9	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	60	20	11104-11109	2021-05	15.336
Zhang, Hongquan	10.1002/anie.202014162	Binding-Mediated Formation of Ribonucleoprotein Corona for Efficient Delivery and Control of CRISPR/Cas9	ANGEWANDTE CHEMIE-INTERNATIONAL EDITION	60	20	11104-11109	2020-12	15.336
Drews, Steven J	10.1038/s41467-021-22102-6	A homogeneous split-luciferase assay for rapid and sensitive detection of anti-SARS CoV-2 antibodies.	Nature Communications				2021-03	14.919
Leng, Roger	no	TAp63 Suppresses Tumor Growth and Metastasis via the Ago2-miR-451 Pathway Independently of Dicer.	CANCER RESEARCH	na	na	na	2020-09	12.701
Li, Xing-Fang	10.1016/j.trac.2020.115918	Advances in mass spectrometry-based omics analysis of trace organics in water	TRAC-TRENDS IN ANALYTICAL CHEMISTRY	128		115918	2020-07	12.296
Deschenes, Jean	10.1016/j.jaad.2020.10.012	Diagnosis of gamma/delta mycosis fungoides requires longitudinal clinical observation	JOURNAL OF THE AMERICAN ACADEMY OF DERMATOLOGY			https://doi.org/10.1016/j.jaad.2020.10.012	2020-10	11.527
Li, Xing-Fang	10.1016/j.watres.2020.116542	Nontargeted identification and predicted toxicity of new byproducts generated from UV treatment of water containing micropollutant 2-mercaptobenzothiazole	WATER RESEARCH	188		116542	2021-01	11.236
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	WATER RESEARCH	183		116102	2020-09	11.236
Pang, Xiaoli Lilly	10.1016/j.watres.2021.117425	The prevalence and levels of enteric viruses in groundwater of private wells in rural Alberta, Canada	Vox Sanguinis	202			2021-06	11.23
Acker, Jason Paul	10.1073/pnas.2001227117	Objective assessment of stored blood quality by deep learning	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA	117	35	21381-21390	2020-09	11.205
Solez, Kim	10.1016/j.kint.2020.08.032	Reinnovating nephrology—a call to action	KIDNEY INTERNATIONAL	99	1	5-8	2021-01	10.612
Reeve, Jeff Paul	10.1681/ASN.2020071106	A randomized clinical trial of anti-IL-6 antibody clazakizumab in late antibody-mediated kidney transplant rejection	Journal of Pediatrics	32	3	708-722	2021-03	10.121

Le, Xiao-Chun	10.1039/d0sc06973f	CRISPR technology incorporating amplification strategies: molecular assays for nucleic acids, proteins, and small molecules	Chemical Science	12	13	4683-4698	2021-04	9.825
Zhang, Hongquan	10.1039/d0sc06973f	CRISPR technology incorporating amplification strategies: molecular assays for nucleic acids, proteins, and small molecules	Chemical Science	12	13	4683-4698	2021-03	9.825
Pang, Xiaoli Lilly	10.1093/cid/ciab451	Microbial Etiologies and Clinical Characteristics of Children Seeking Emergency Department Care due to Vomiting in the Absence of Diarrhea.	Cellular and Molecular Gastroenterology and Hepatology				2021-05	9.079
Le, Xiao-Chun	10.1021/acs.est.0c07175	Discovery and identification of arsenolipids using a precursor-finder strategy and data-independent mass spectrometry	ENVIRONMENTAL SCIENCE & TECHNOLOGY	55	6	3836-3844	2021-03	9.028
Li, Xing-Fang	10.1021/acs.est.0c06109	Nontargeted identification of an N-heterocyclic compound in source water and wastewater as a precursor of multiple nitrosamines	ENVIRONMENTAL SCIENCE & TECHNOLOGY	55	1	385-392	2021-01	9.028
Drews, Steven J	10.1172/jci.insight.142362	•A simple protein-based surrogate neutralization assay for SARS-CoV-2.	JCI Insight				2020-09	8.315
Giannakopoulos, Nadia Vicki	10.1503/cmaj.191565	Schistosomiasis appendicitis in a young Canadian immigrant	CANADIAN MEDICAL ASSOCIATION JOURNAL	192	31	E893	2020-08	8.262
Adam, Benjamin Alexander	10.2215/CJN.13000820	IgE in antibody-mediated rejection a novel pathogenic mechanism?	Clinical Journal of the American Society of Nephrology	15	10	1392-1393	2020-10	8.237
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	20	12	3308-3318	2020-12	8.086
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	20	9	2305-2317	2020-09	8.086
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	20	9	2318-2331	2020-09	8.086
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	20	12	3486-3501	2020-12	8.086
Adam, Benjamin Alexander	10.1111/ajt.16306	Borrowing from the past to invest in the future: The AJT editorial fellowship process	AMERICAN JOURNAL OF TRANSPLANTATION	21	3	1343-1344	2021-03	8.086
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 Quilty effect revisited	AMERICAN JOURNAL OF TRANSPLANTATION	20	12	3308-3318	2020-12	8.086
Mengel, Michael Hartman	10.1111/ajt.16419	Does the definition of chronic active T cell-mediated rejection need revisiting?	AMERICAN JOURNAL OF TRANSPLANTATION	21	5	1689-1690	2021-05	8.086
Mengel, Michael Hartman	10.1111/ajt.16447	Industry partnerships in transplantation: How should AJT manage the inevitable conflict of interest?	AMERICAN JOURNAL OF TRANSPLANTATION	21	5	1988-1989	2021-05	8.086
Mengel, Michael Hartman	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	20	12	3486-3501	2020-12	8.086
Solez, Kim	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	20	9	2318-2331	2020-09	8.086

Solez, Kim	10.1111/ajt.15850	Banff Digital Pathology Working Group: Going digital in transplant pathology	AMERICAN JOURNAL OF TRANSPLANTATION	20	9	2392-2399	2020-09	8.086
Solez, Kim	10.1093/rheumatology/keaa818	Immune checkpoint inhibitor-induced granulomatosis with polyangiitis	RHEUMATOLOGY	60	6	E190-E191	2021-06	7.58
Reeve, Jeff Paul	10.1111/ajt.16374	Discovering novel injury features in kidney transplant biopsies associated with TCMR and donor aging	American Journal of Transplantation	21	5	1725-1739	2020-10	7.163
Le, Xiao-Chun	10.1021/acs.analchem.1c02327	Analytical advances in detecting SARS-CoV-2 and further research needs for COVID-19 testing	ANALYTICAL CHEMISTRY	93	24	8379-8380	2021-06	6.986
Le, Xiao-Chun	10.1021/acs.analchem.0c02060	Molecular diagnosis of COVID-19: Challenges and research needs	ANALYTICAL CHEMISTRY	92	15	10196-10209	2020-08	6.986
Le, Xiao-Chun	10.1021/acs.analchem.0c04047	Isothermal amplification and ambient visualization in a single tube for the detection of SARS-CoV-2 using loop-mediated amplification and CRISPR technology	ANALYTICAL CHEMISTRY	92	24	16204-16212	2020-12	6.986
Zhang, Hongquan	10.1021/acs.analchem.0c04047	Isothermal Amplification and Ambient Visualization in a Single Tube for the Detection of SARS-CoV-2 Using Loop-Mediated Amplification and CRISPR Technology	ANALYTICAL CHEMISTRY	92	24	16204-16212	2020-11	6.986
Pang, Xiaoli Lilly	10.3201/eid2705.204756	Global trends in norovirus genotype distribution among children with acute gastroenteritis	Electronic Journal of General Medicine	27	5	1438-1445	2021-05	6.883
Tyrrell, Gregory John	10.3201/EID2702.201945	Increasing incidence of invasive group A streptococcus disease in first nations population, Alberta, Canada, 2003-2017	EMERGING INFECTIOUS DISEASES	27	2	443-451	2021-01	6.883
Pang, Xiaoli Lilly	10.1093/ajcn/nqaa369	Probiotic stool secretory immunoglobulin A modulation in children with gastroenteritis: A randomized clinical trial	American Journal of Clinical Nutrition	113	4	905-914	2021-03	6.77
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				2021-02	6.617
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		267-278	2020-08	6.558
El Hallani, Soufiane	10.1097/PAS.0000000000001643	Mixed Endometrioid Adenocarcinoma and Malignant Serous Adenocarcinoma of the Uterus and Ovary: Clinicopathologic Characterization with Emphasis on its Distinction from Carcinosarcoma	AMERICAN JOURNAL OF SURGICAL PATHOLOGY	45	3	374-383	2021-03	6.394
Sis, Banu	10.1038/s42003-021-01989-3	High-throughput sequencing defines donor and recipient HLA B-cell epitope frequencies for prospective matching in transplantation	Communications Biology	4(1)	583	1-14	2021-05	6.268
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	2021-06	6.222
Zhang, Hongquan	10.1039/d1cc02546e	CRISPR/Cas12a-mediated gold nanoparticle aggregation for colorimetric detection of SARS-CoV-2	CHEMICAL COMMUNICATIONS	57	56	6871-6874	2021-06	6.222
Charlton, Carmen Lynn	10.1128/JCM.01361-20	Evaluation of six commercial mid to high volume antibody and six point of care lateral flow assays for detection of SARS-CoV-2 antibodies	JOURNAL OF CLINICAL MICROBIOLOGY				2020-07	5.948
Chui, Linda Wai-Ling	10.1128/JCM.02287-20	A clinical epidemiology and molecular attribution evaluation of adenoviruses in pediatric acute gastroenteritis: A case-control study	JOURNAL OF CLINICAL MICROBIOLOGY	59	1		2021-01	5.948

Drabovich, Andrei	10.1016/J.MCPRO.2021.100075	Mapping isoform abundance and interactome of the endogenous TMPRSS2-ERG fusion protein by orthogonal immunoprecipitation-mass spectrometry assays	MOLECULAR & CELLULAR PROTEOMICS	20		100075	2021-03	5.911
Le, Xiao-Chun	10.1016/J.MCPRO.2021.100075	Mapping isoform abundance and interactome of the endogenous TMPRSS2-ERG fusion protein by orthogonal immunoprecipitation-mass spectrometry assays	MOLECULAR & CELLULAR PROTEOMICS	20		100075	2021-01	5.911
Pang, Xiaoli Lilly	10.1128/JCM.02287-20	A clinical epidemiology and molecular attribution evaluation of adenoviruses in pediatric acute gastroenteritis: A case-control study	Journal of Association of Medical Microbiology and Infectious Diseases	59	1		2020-12	5.897
Pang, Xiaoli Lilly	10.1128/JCM.00178-20	Evaluation of the fecalswab for stool specimen storage and molecular detection of enteropathogens on the BD max system	Journal of Clinical Microbiology	58	9		2020-08	5.897
Thiesen, Aducio Leonel	10.3390/nu12072088	Sex-specific differences in the gut microbiome in response to dietary fiber supplementation in il-10-deficient mice	Nutrients	12	7	1-16	2020-07	5.717
Acker, Jason Paul	10.1186/s12964-020-00651-5	Thrombospondin-1/CD47 signaling modulates transmembrane cation conductance, survival, and deformability of human red blood cells	Cell Communication and Signaling	18	1		2020-09	5.712
Le, Xiao-Chun	10.1016/j.jes.2020.11.002	Reduction of mercury emissions from anthropogenic sources including coal combustion	Journal of Environmental Sciences	100		363-368	2021-02	5.565
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	2020-07	5.565
Le, Xiao-Chun	10.1016/j.jes.2020.08.012	Removal of inorganic arsenic from water using metal organic frameworks	Journal of Environmental Sciences	97		162-168	2020-11	5.565
Li, Xing-Fang	10.1016/j.jes.2020.06.020	New methods for identification of disinfection byproducts of toxicological relevance: Progress and future directions	Journal of Environmental Sciences	99		151-159	2021-01	5.565
Li, Xing-Fang	10.1016/j.jes.2020.11.004	Determination of eighty-two pesticides and application to screening pesticides in cannabis growing facilities	Journal of Environmental Sciences	104		11-16	2021-06	5.565
Pang, Xiaoli Lilly	10.1016/j.jes.2021.01.029	Comparison of approaches to quantify SARS-CoV-2 in wastewater using RT-qPCR: Results and implications from a collaborative inter-laboratory study in Canada	Journal of Clinical Virology	107		218-229	2021-05	5.565
Zhang, Hongquan	10.1016/j.jes.2020.06.028	Skin inflammation and psoriasis may be linked to exposure of ultrafine carbon particles	Journal of Environmental Sciences	96		206-208	2020-07	5.565
Acker, Jason Paul	10.1016/j.jcyt.2020.04.039	Transient warming affects potency of cryopreserved cord blood units	CYTOTHERAPY	22		690-697	2020-11	5.414
Deschenes, Jean	10.1159/000511473	The Clinical Spectrum of Primary Cutaneous CD4+ Small/Medium-Sized Pleomorphic T-Cell Lymphoproliferative Disorder: An Updated Systematic Literature Review and Case Series	DERMATOLOGY	237	4	618-628	2020-12	5.366
Deschenes, Jean	10.3389/fmed.2020.564875	Refractory Celiac Disease Type II: A Case Report and Literature Review	Frontiers in Medicine	7			2020-07	5.091
Pang, Xiaoli Lilly	10.1093/infdis/jiaa391	Attribution of Pediatric Acute Gastroenteritis Episodes and Emergency Department Visits to Norovirus GI and GII.	J Endocr Soc				2021-02	5.022
Pang, Xiaoli Lilly	10.1093/infdis/jiaa450	Donor Cytomegalovirus Transmission Patterns in Solid Organ Transplant Recipients with Primary Infection	Journal of Infectious Diseases	223	5	827-837	2020-07	5.022
Thiesen, Aducio Leonel	10.1016/j.jcmgh.2020.11.006	Intestinal Phospholipid Disequilibrium Initiates an ER Stress Response That Drives Goblet Cell Necroptosis and Spontaneous Colitis in Mice	Cancer Treatment and Research Communications	11	4	999-1021	2020-11	5

Leng, Roger	10.1093/carcin/bgab009	Pirh2, an E3 ligase, regulates the AIP4–p73 regulatory pathway by modulating AIP4 expression and ubiquitination.	CARCINOGENESIS	42	4	650–662	2021-02	4.944
Drews, Steven J	doi: 10.1097/TP.0000000000003744	Evidence of SARS-CoV-2 Infection in Cells, Tissues and Organs and the Risk of Transmission Through Transplantation.	TRANSPLANTATION				2021-03	4.939
Drews, Steven J	10.1016/j.ejphar.2020.173661	Translating bioactive peptides for COVID-19 therapy.	EUROPEAN JOURNAL OF PHARMACOLOGY				2020-10	4.432
van Landeghem, Frank	10.1038/s41598-020-76155-6	Reflection-mode virtual histology using photoacoustic remote sensing microscopy	Scientific Reports	10	1		2020-12	4.379
van Landeghem, Frank	10.1038/s41598-020-78880-4	An update to the Monro–Kellie doctrine to reflect tissue compliance after severe ischemic and hemorrhagic stroke	Scientific Reports	10	1	22013	2020-12	4.379
van Landeghem, Frank	10.1038/s41598-020-74160-3	Improving maximal safe brain tumor resection with photoacoustic remote sensing microscopy	Scientific Reports	10	1		2020-12	4.379
Chiu, Brian	10.1016/j.tranon.2020.100911	The tumor microenvironment may trigger lymphoproliferation in cardiac myxoma	Translational Oncology	14	1	100911	2020-10	4.243
van Landeghem, Frank	10.1210/jendso/bvab043	Aggressive childhood-onset papillary craniopharyngioma managed with vemurafenib, a BRAF inhibitor	ISBT 128 – The Global Information Standard for Medical Products of Human Origin	5	5	bvab043	2021-05	4.2
Pang, Xiaoli Lilly	10.3390	Differences in Illness Severity among Circulating Norovirus Genotypes in a Large Pediatric Cohort with Acute Gastroenteritis	Microorganisms				2020-11	4.167
Adam, Benjamin Alexander	10.1007/s12265-020-10080-x	Structural Valve Deterioration Is Linked to Increased Immune Infiltrate and Chemokine Expression	Journal of Cardiovascular Translational Research	14	3	503-512	2021-06	4.132
Chui, Linda Wai-Ling	10.3390/microorganisms9050955	Comparison of Molecular and In Silico Salmonella Serotyping for Salmonella Surveillance	Microorganisms	9	5	955	2021-04	4.128
Chui, Linda Wai-Ling	10.3390/microorganisms8111801	Association of ct values from real-time pcr with culture in microbiological clearance samples for shiga toxin-producing escherichia coli (Stec)	Microorganisms	8	11	1-9	2020-11	4.128
Chui, Linda Wai-Ling	10.3390/microorganisms9030503	Comparison of common enrichment broths used in diagnostic laboratories for shiga toxin—producing escherichia coli	Microorganisms	9	3	1-9	2021-02	4.128
Thiesen, Aducio Leonel	10.3390/molecules25173849	Resveratrol and resveratrol-aspirin hybrid compounds as potent intestinal anti-inflammatory and anti-tumor drugs	Microorganisms	25	17		2020-08	4
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	2020-08	3.943
Deschenes, Jean	10.1364/OE.423740	Virtual hematoxylin and eosin histopathology using simultaneous photoacoustic remote sensing and scattering microscopy	OPTICS EXPRESS	29	9	13864-13875	2021-04	3.894
Drews, Steven J	10.1016/j.vaccine.2021.03.031	A multisite study of pertussis vaccine effectiveness by time since last vaccine dose from three Canadian provinces: A Canadian Immunization Research Network study.	VACCINE				2021-04	3.641
Croxen, Matthew A	10.1186/s12866-021-02208-z	Phenotypic changes in group B streptococci grown in the presence of the polyols, erythritol, sorbitol and mannitol	BMC MICROBIOLOGY	21	1		2021-05	3.605
Tyrrell, Gregory John	10.1186/s12866-021-02208-z	Phenotypic changes in group B streptococci grown in the presence of the polyols, erythritol, sorbitol and mannitol	BMC MICROBIOLOGY	21	1		2021-03	3.605
Tsui, Albert King-Yeung	10.1016/j.clinbiochem.2021.01.001	Hydroxocobalamin interference in routine laboratory tests: Development of a protocol for identifying samples and reporting results from patients treated with Cyanokit™	CLINICAL BIOCHEMISTRY	91		31-38	2021-05	3.281

Drews, Steven J	10.1093/femspd/ftaa068	Evaluation of the effect of T regulatory cell depletion and donor BCG vaccination on Mycobacterium tuberculosis H37Ra infection using an in vitro model of human PBMC infection.	Pathogens and Disease	78	9		2020-12	3.166
Keelan, Monika Maria	10.1093/femspd/ftaa068	Evaluation of the effect of T regulatory cell depletion and donor BCG vaccination on Mycobacterium tuberculosis H37Ra infection using an in vitro model of human PBMC infection	Pathogens and Disease	78	9		2020-12	3.166
Acker, Jason Paul	10.1111/trf.16017	Donor-dependent aging of young and old red blood cell subpopulations: Metabolic and functional heterogeneity	TRANSFUSION	60	11	2633-2646	2020-08	3.157
Acker, Jason Paul	10.1111/trf.16273	Hypothermic storage of leukoreduced red blood cells for greater than 21 days is a safe alternative to irradiation	TRANSFUSION	61	4	1247-1257	2021-04	3.157
Acker, Jason Paul	10.1111/trf.16136	Evaluating blood product quality post expiry to mitigate blood shortages during the COVID-19 pandemic in Canada	TRANSFUSION	60	12	3072-3074	2020-12	3.157
Drews, Steven J	10.1111/trf.16056	Risk of transmission of severe acute respiratory syndrome coronavirus-2 by transfusion: A literature review.	TRANSFUSION				2020-07	3.157
Drews, Steven J	10.1111/trf.16149	Transfusion-related Epstein-Barr virus (EBV) infection: A multicenter prospective cohort study among pediatric recipients of hematopoietic stem cell transplants (TREASuRE study).	TRANSFUSION				2020-10	3.157
Drews, Steven J	10.1111/trf.16364	A trend of dropping anti-SARS-CoV-2 plaque reduction neutralization test titers over time in Canadian convalescent plasma donors.	TRANSFUSION				2021-03	3.157
Drews, Steven J	10.1111/trf.16296	SARS-CoV-2 seroprevalence among blood donors after the first COVID-19 wave in Canada.	TRANSFUSION				2021-02	3.157
Adam, Benjamin Alexander	10.1111/ctr.14065	Molecular assessment of antibody-mediated rejection in human pancreas allograft biopsies	CLINICAL TRANSPLANTATION	34	11		2020-11	2.863
Mengel, Michael Hartman	10.1111/ctr.14065	Molecular assessment of antibody-mediated rejection in human pancreas allograft biopsies	CLINICAL TRANSPLANTATION	34	11		2020-11	2.863
Chui, Linda Wai-Ling	10.1016/j.diagmicrobio.2020.115259	Direct Clostridioides difficile ribotyping from stool using capillary electrophoresis	Current Issues in Molecular Biology	99	3		2021-03	2.803
Pang, Xiaoli Lilly	10.1016/j.jcv.2020.104565	Influenza virus detection in the stool of children with acute gastroenteritis	Journal of Clinical Virology	131		104565	2020-10	2.777
Acker, Jason Paul	10.1016/j.vetpar.2021.109400	Copro-polymerase chain reaction has higher sensitivity compared to centrifugal fecal flotation in the diagnosis of taeniid cestodes, especially Echinococcus spp, in canids	VETERINARY PARASITOLOGY	292		109400	2021-04	2.738
Acker, Jason Paul	10.1136/bmjopen-2021-049598	Pragmatic, double-blind, randomised trial evaluating the impact of red blood cell donor sex on recipient mortality in an academic hospital population: The innovative Trial Assessing Donor Sex (ITADS) protocol	BMJ Open	11	2	e049598	2021-02	2.692
Acker, Jason Paul	10.1016/j.cryobiol.2020.05.008	High subzero cryofixation: A technique for observing ice within tissues	CRYOBIOLOGY	95		116-122	2020-08	2.487
Acker, Jason Paul	10.1016/j.cryobiol.2020.09.008	Cryoprotectant-dependent control of intracellular ice recrystallization in hepatocytes using small molecule carbohydrate derivatives	CRYOBIOLOGY	97		123-130	2020-12	2.487
Acker, Jason Paul	10.1016/j.cryobiol.2020.09.006	Control of ice recrystallization in liver tissues using small molecule carbohydrate derivatives	CRYOBIOLOGY	97		250-253	2020-12	2.487

Acker, Jason Paul	10.1016/j.cryobiol.2020.10.002	Transient loss of membrane integrity following intracellular ice formation in dimethyl sulfoxide-treated hepatocyte and endothelial cell monolayers	CRYOBIOLOGY	97		217-221	2020-12	2.487
Acker, Jason Paul	10.1016/j.cryobiol.2020.10.001	The efficacy of ice recrystallization inhibitors in rat lung cryopreservation using a low cost technique for ex vivo subnormothermic lung perfusion	CRYOBIOLOGY	97		93-100	2020-12	2.487
Acker, Jason Paul	10.1016/j.cryobiol.2020.07.003	Characterizing the ability of an ice recrystallization inhibitor to improve platelet cryopreservation	CRYOBIOLOGY	96		152-158	2020-07	2.487
Drews, Steven J	doi: 10.1111/vox.13073	Filariasis and transfusion-associated risk: a literature review.	Transplantation				2021-01	2.347
Chiu, Brian	10.1002/jmv.26461	Targeting NLRP3 inflammasome in an animal model for Coronavirus Disease 2019 (COVID-19) caused by the Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2)	JOURNAL OF MEDICAL VIROLOGY	93	2	669-670	2020-09	2.327
Acker, Jason Paul	http://doi.org/10.1089/bio.2019.0103	The effect of age and type of media on growth kinetics of human-derived amniotic fluid stem cells	Biopreservation and Biobanking	18	5	389-394	2020-10	2.3
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	2020-07	2.144
Drews, Steven J	10.1111/vox.13100	An international comparison of anti-SARS-COV-2 assays used for seroprevalence surveys from blood component providers.	VOX SANGUINIS				2021-04	2.144
Acker, Jason Paul	10.1016/j.transci.2020.102853	A Canadian perspective on the use and preparation of cryopreserved red cell concentrates	TRANSFUSION AND APHERESIS SCIENCE	59	4	102853	2020-08	1.764
Acker, Jason Paul	10.1016/j.transci.2020.103020	Emerging use of machine learning and advanced technologies to assess red cell quality	TRANSFUSION AND APHERESIS SCIENCE	59	6	103020	2020-12	1.764
Acker, Jason Paul	10.1016/j.transci.2020.102933	Update on newer approaches to prevent or treat COVID-19 infection: What we all need the most right now!!	TRANSFUSION AND APHERESIS SCIENCE	59	5	102933	2020-10	1.764
Acker, Jason Paul	10.1016/j.transci.2020.102942	Assessment of extracellular vesicles using IFC for application in transfusion medicine	TRANSFUSION AND APHERESIS SCIENCE	59	5	102942	2020-10	1.764
Brun, Miranda Marie	10.1016/j.plabm.2021.e00216	Identifying sources of error and selecting quality indicators for point of care testing	Optics Letters	25			2021-05	1.552
Li, Xing-Fang	10.1139/cjc-2021-0036	Analytical discovery of water disinfection byproducts of toxicological relevance: highlighting halobenzoquinones	Canadian Journal of Chemistry	in press			2021-04	1.118
Adam, Benjamin Alexander	10.1016/j.transproceed.2020.05.007	A Low-Cost Perfusate Alternative for Ex Vivo Lung Perfusion	TRANSPLANTATION PROCEEDINGS	52	10	2941-2946	2020-12	1.066
Adam, Benjamin Alexander	10.1016/j.transproceed.2020.05.007	A Low-Cost Perfusate Alternative for Ex Vivo Lung Perfusion	TRANSPLANTATION PROCEEDINGS				2020-07	1.066
Thiesen, Aducio Leonel	10.14309/crj.0000000000000613	Inflammatory Bowel Disease: A Gastrointestinal Presentation of Congenital Plasminogen Deficiency	- Other -	8	5	e00613	2021-05	1
Solez, Kim	www.mednet.gr/archives//2020-sup2/pdf/89.pdf	Nephrology's history is alive and well and helps predict the future	American Journal of Transplantation	37	(Suppl 2)	89-92	2020-07	0.3
Lai, Raymond Kai Chi	10.1007/s10549-020-06037-y	N-myristoyltransferase proteins in breast cancer: prognostic relevance and validation as a new drug target	AWWA Water Science	186	1	79-87	2021-02	0
Acker, Jason Paul	0	Evaluating the impact of flow rate on RBC product quality through two different intravenous tubing extensions for transfusion	Canadian Journal of Cardiology Open	83		31-35	2021-04	

Acker, Jason Paul	10.29333/ejgm/8458	Screening of feijoa (Acca sellowiana (o. berg) burret) fruit effect on proliferation and apoptosis using bone marrow derived stem cells model	Digital Journal of Ophthalmology	18	1	1-6	2020-10	
Acker, Jason Paul	10.21307/IMMUNOHEMATOLOGY-2021-012	Effect of cryopreservation on a rare McLeod donor red blood cell concentrate	Emerging Infectious Diseases	37	2	78-83	2021-06	
Acker, Jason Paul	10.29252/wjps.9.3.313	Proliferative and regenerative effect of acetic extract of Feijoa sellowiana on stem cells	Water Res	9	3	313-320	2020-09	
Bigras, Gilbert	10.1007/s10549-020-06037-y	N-myristoyltransferase proteins in breast cancer: prognostic relevance and validation as a new drug target	Breast cancer res treat	186	1	79-87	2021-02	
Bigras, Gilbert	10.1016/j.ctarc.2021.100401	Developing a clinical-pathologic model to predict genomic risk of recurrence in patients with hormone receptor positive, human epidermal growth factor receptor-2 negative, node negative breast cancer	Canadian Journal of Medical Laboratory Science	28			2021-01	
Bigras, Gilbert	10.1364/OL.397223	All-optical label-free human breast tissue block histology using photoacoustic remote sensing	Nucleic Acids Research	45	17	4770-4773	2020-09	
Bigras, Gilbert	10.1109/ISBI48211.2021.9433836	Deep fisher vector coding for whole slide image classification	Practical Laboratory Medicine	2021-April		243-246	2021-04	
Bigras, Gilbert	10.21037/QJMS-20-722	Towards virtual biopsies of gastrointestinal tissues using photoacoustic remote sensing microscopy	Proceedings - International Symposium on Biomedical Imaging	11	3	1070-1077	2021-03	
Bigras, Gilbert	10.1038/s41598-020-76155-6	Reflection-mode virtual histology using photoacoustic remote sensing microscopy	Scientia Sinica Chimica	10	1		2020-12	
Campbell, Patricia Mary	10.1177/2054358120964061	Risk Factors, and Outcomes of Kidney Transplant Recipients Treated With Both Basiliximab and Antithymocyte Globulin	Breast Cancer Research and Treatment				2020-10	
Campbell, Patricia Mary	10.1111/tri.13813	A 2020 Banff Antibody-mediated Injury Working Group examination of international practices for diagnosing antibody-mediated rejection in kidney transplantation – a cohort study	Transfusion	34	3	488-498	2021-03	
Campbell, Patricia Mary	10.1097/TP.00000000000003700	An Integrated Clinical and Genetic Prediction Model for Tacrolimus Levels in Pediatric Solid Organ Transplant Recipients	Transplant International		Feb	issued on line early	2021-02	
Chui, Linda Wai-Ling	10.1093/ajcn/nqaa369	Probiotic stool secretory immunoglobulin A modulation in children with gastroenteritis: A randomized clinical trial	ACS Applied Bio Materials	113	4	905-914	2021-04	
Chui, Linda Wai-Ling	10.1016/j.jcv.2020.104565	Influenza virus detection in the stool of children with acute gastroenteritis	Journal of Clinical Microbiology	131			2020-10	
Chui, Linda Wai-Ling	10.1093/infdis/jiaa391	Attribution of pediatric acute gastroenteritis episodes and emergency department visits to norovirus genogroups I and II	Journal of Environmental Sciences (China)	223	3	452-461	2021-02	
Chui, Linda Wai-Ling	10.1016/j.jpeds.2020.12.029	Characterizing Pain in Children with Acute Gastroenteritis Who Present for Emergency Care	Journal of Medical Education and Curricular Development	231		102-109.e3	2021-04	
Chui, Linda Wai-Ling	10.3390/microorganisms9020403	Phenotypic and genetic determination of biofilm formation in heat resistant escherichia coli possessing the locus of heat resistance	Liver cancer. Sergi CM (Editor). Exon Publications. Brisbane, Australia. ISBN:978-0-6450017-2-3	9	2	1-13	2021-02	
Chui, Linda Wai-Ling	10.3390/microorganisms8121873	Differences in illness severity among circulating norovirus genotypes in a large pediatric cohort with acute gastroenteritis	Microorganisms	8	12	1-14	2020-12	
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	Molecules	11	1		2020-12	
Croxen, Matthew A	10.3138/jammi-2020-0035	Retrospective testing of respiratory specimens for covid-19 to assess for earlier SARS-COV-2 infections in Alberta, Canada	JAMA Netw Open	6	1	10-15	2021-03	

Croxen, Matthew A	10.1016/S2666-5247(20)30229-9	Histoplasmosis acquired in Alberta, Canada: an epidemiological and genomic study	The Lancet Gastroenterology and Hepatology	2	5	e191-e197	2021-05	
Drews, Steven J	Not available	Chapter 6" - Donor Selection, Donor Testing and Pathogen Reduction.	Clin Infect Dis				2021-04	
Drews, Steven J	10.1001/jamanetworkopen	Association of influenza activity and environmental conditions with the risk of invasive pneumococcal disease.	J Infect Dis				2020-07	
Holovati, Jelena Lecak	NA	Implementation Guide: Use of ISBT 128 by North American Tissue Banks	International Journal of Molecular Sciences	IG-028			2020-08	
Lai, Raymond Kai Chi	10.3390/cimb43010026	Three-dimensional reconstructed bone marrow matrix culture improves the viability of primary myeloma cells in-vitro via a stat3-dependent mechanism	Clinical Microbiology Newsletter	43	1	313-323	2021-06	
Lai, Raymond Kai Chi	10.3390/ijms22020893	Gene methylation and silencing of WIF1 is a frequent genetic abnormality in mantle cell lymphoma	Immunohematology	22	2	1-10	2021-01	
Lai, Raymond Kai Chi	10.1080/10428194.2020.1808206	Classic Hodgkin lymphoma post-transplant lymphoproliferative disorders (PTLD) are often preceded by discordant PTLD subtypes	Journal of the American Society of Nephrology	61	14	3319-3330	2020-12	
Le, Xiao-Chun	10.1360/SSC-2021-0025	Recent advances in structural improvements and chemical modifications of lateral flow assay devices	Quantitative Imaging in Medicine and Surgery	51	7	905-918	2021-06	
Li, Xing-Fang	10.1021/acsabm.1c00054	A stable quaternized chitosan-black phosphorus nanocomposite for synergetic disinfection of antibiotic-resistant pathogens	ACG Case Reports Journal	4	6	4821-4832	2021-06	
Li, Xing-Fang	10.1002/aws2.1208	Occurrence of nitrosamines and their precursors in North American drinking waters	Archives of Hellenic Medicine	2	6	e1208	2020-12	
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 Clinical Nutrition	20	12	3509-3519	2020-12	
Nahirniak, Susan Nicole	10.1016/j.cjca.2020.06.014	Transfusion Thresholds for Adult Respiratory Extracorporeal Life Support: An Expert Consensus Document	Can J Kidney Health Dis	36	9	1550-1553	2020-09	
Nahirniak, Susan Nicole	10.1016/j.cjca.2020.06.014	Transfusion Thresholds for Adult Respiratory Extracorporeal Life Support: An Expert Consensus Document	Canadian Journal of Cardiology	36	9	1550-1553	2020-08	
Nahirniak, Susan Nicole	10.1111/trf.16243	A prospective multi-faceted interventional study of blood bank technologist screening of red blood cell transfusion orders: The START study	Thyroid Research	61	2	410-422	2021-02	
Nahirniak, Susan Nicole	10.1111/trf.16273	Hypothermic storage of leukoreduced red blood cells for greater than 21 days is a safe alternative to irradiation	Transfusion	61	4	1247-1257	2021-04	
Nahirniak, Susan Nicole	10.1111/trf.16257	Quality of evidence-based guidelines for platelet transfusion and use: A systematic review	Transfusion	61	3	948-958	2021-03	
Pang, Xiaoli Lilly	10.1016/j.clinmicnews.2021.02.002	Norovirus: Molecular Epidemiology, Viral Culture, Immunity, and Vaccines	Clinical guide to transfusion. April 13, 2021. Canadian Blood Services. Ottawa, ON. Editors Clarke, G. and Chargé	43	5	33-43	2021-03	
Purdy, Lisa Eileen	10.1177/23821205211020740	Teaching Professionalism: Comparing Written and Video Case-Studies	Journal of Infectious Diseases				2021-05	
Puttagunta, Lakshmi	10.1186/s13044-021-00093-2	Factors affecting thyroid nodule fine needle aspiration non-diagnostic rates: a retrospective association study of 1975 thyroid biopsies	The Lancet Regional Health: Western Pacific	14	1		2021-02	
Russell, Laurie Jane	Not available	Rapid growth of primary uveal melanoma following intravitreal bevacizumab injection: a case report and review of the literature	Diagnostic Microbiology and Infectious Disease	26	3		2020-07	

Schnabl, Kareena Leanne	10.1128/JCM.01361-20	Evaluation of six commercial mid to high volume antibody and six point of care lateral flow assays for detection of SARS-CoV-2 antibodies	Journal of Clinical Microbiology	58	10	e01361-20	2020-10	
Thiesen, Aducio Leonel	org/10.36255/exonpublications.livercancer.2021.ch2	. Hepatocellular carcinoma in adults	Leukemia and Lymphoma				2021-04	
Tsui, Albert King-Yeung	10.1016/j.cjco.2021.02.014	Persistent Troponin Elevation in the Setting of an Elevated Rheumatoid Factor: When It Pays to Double Check	Canadian Journal of Cardiology	3	7	981-983	2021-03	
Tyrrell, Gregory John	10.3138/JAMMI-2020-0013	Bartonella quintana infective endocarditis in northern alberta: A case report	JAMMI	5	4	256-260	2020-12	
Tyrrell, Gregory John	DOI:https://doi.org/10.1016/j.lanwpc.2021.100114	Does group A strep have any skin in the ARF game?	The Lancet Microbe	8			2021-03	