

Authors	Year	Title	Journal	Volume	Page Range	Word Count	Doi	Pmid	Impact Factor
Grunau B, Asamoah-Boaheng M, Lavoie PM, Karim ME, Kirkham TL, Demers PA, Barakauskas V, Marquez AC, Jassem AN, O'Brien SF, Drews SJ, Haig S, Cheskes S, Goldfarb DM.&nbsp;	2022	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	Clin Infect Dis.	75(1)	e888-e891		10.1093/cid/ciab938		
K.A. Versluys., D.T. Eurich, T.J. Marrie, S. Forgie and G.J. Tyrrell.	2022	Invasive pneumococcal disease and long-term outcomes in children: a 20-year population cohort study.	The Lancet Regional Health - Americas				https://doi.org/10.1016/j.lana.2022.100341.	36777393	7.40
Sagga A, Mehta V, Hawkins C, van Landeghem FKH	2023	A 3-year-old male with an extramedullary, intra- and extradural mass at T11-L1	Brain Pathology	June 7	e13174		10.1111/bpa.13174		6.40
Kariyawasam R, Lachman M, Mansuri S, Chakrabarti S, Boggild AK	2022	A dengue vaccine whirlwind update	Therapeutic Advances Infectious Disease	10	N/A		https://doi.org/10.1177/204993612311672		5.70
Greene A, Trojanowski J, Shih AW, Evans R, Chang E, Nahiriak S, Pearson D, Prokopchuk-Gauk O, Martin D, Musuka C, Seidl C, Peddle M, Lin Y, Smith JA, MacDonald S, Richards L, Farrell M, Nolan B	2023	A descriptive analysis of the Canadian Prehospital And Transport Transfusion (CAN-PATT) Network	Resuscitation Plus	13			doi: 10.1016/j.resplu.2022.100357.	PMID: 36691447	2.28
Yeganeh Khaniani, Yuhao Ma, Mahdi Ghadiri, Jie Zeng, David Wishart, Shawn Babiuk, Carmen Charlton, Jamil N Kanji, Jie Chen	2022	A gold nanoparticle-protein G electrochemical affinity biosensor for the detection of SARS-CoV-2 antibodies: a surface modification approach	Sci Rep				doi: 10.1038/s41598-022-17219-7	35896795	4.60
Doucette, Emily J; Gray, Joslyn; Fonseca, Kevin; Charlton, Carmen; Kanji, Jamil N.; Tipples, Graham; Kuhn, Susan; Dunn, Jessica; Sayers, Payton; Symonds, Nicola; Wu, Guosong; Freedman, Stephen B.; Kellner, James D.	2023	A longitudinal seroepidemiology study to evaluate antibody response to SARS-CoV-2 virus infection and vaccination in children in Calgary, Canada from July 2020 to April 2022: Alberta COVID-19 Childhood Cohort (AB3C) Study	PLOS ONE	18			10.1371/journal.pone.0284046		
Thilakarathna, Surangi H., Chui, Linda	2023	A Pilot Study to Detect Viable Salmonella spp. in Diarrheal Stool Using Viability Real-Time PCR as a Culture-Independent Diagnostic Tool in a Clinical Setting	International Journal of Molecular Sciences	24			10.3390/ijms24129979	37373127	6.21
Abe, Kento T.; Rathod, Bhavisha; Colwill, Karen; Gingras, Anne-Claude; Tuite, Ashleigh; Robbins, Ninette F.; Orjuela, Guillermo; Jenkins, Craig; Conrod, Valerie; Yi, Qi-Long, O'Brien, Sheila F.; Drews, Steven J.	2022	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	10	1-10		10.1128/spectrum.01134-22		
Kebir, Sied; Ullrich, Vivien; Berger, Pia; Dobersalske, Celia; Langer, Sarah; Rauschenbach, Laurèl; Trageser, Daniel; Till, Andreas; Lorbeer, Franziska K.; Wieland, Anja; Wilhelm-Buchstab, Timo; Ahmad, Ashar; Fröhlich, Holger; Cima, Igor; Prasad, Shruthi; Matschke, Johann; Jendrosseck, Verena; Remke, Marc; Grüner, Barbara M.; Roesch, Alexander; Siveke, Jens T.; Herold-Mende, Christel; Blau, Tobias; Keyvani, Kathy; van Landeghem, Frank K.H.; Pietsch, Torsten; Felsberg, Jörg; Reifenberger, Guido; Weller, Michael; Sure, Ulrich; Brüstle, Oliver; Simon, Matthias; Glas, Martin; Scheffler, Björn;	2023	A Sequential Targeting Strategy Interrupts AKT-Driven Subclone-Mediated Progression in Glioblastoma	Clinical Cancer Research	29	488-500		10.1158/1078-0432.CCR-22-0611		11.50
O'Grady HM, Harrison R, Snedeker K, Trufen L, Yue P, Ward L, Fifen A, Jamieson P, Weiss A, Coulthard J, Lynch T, Croxen MA, Li V, Pabbaraju K, Wong A,  Zhou HY, Dingle TC, Hellmer K, Berenger BM, Fonseca K, Lin YC, Evans D, Conly JM	2023	A two-ward acute care hospital outbreak of SARS-CoV-2 delta variant including a point-source outbreak associated with the use of a mobile vital signs cart and sub-optimal doffing of personal protective equipment	J Hosp Infect	Jan;131	1-11		10.1016/j.jhin.2022.09.019	36195200	
Kumblathan, T., Liu, Y., Qiu, Y., Pang, X.L., Hruzey, S.E., Le, X.C., Li, X.-F.	2023	An Efficient Method to Enhance Recovery and Detection of SARS-CoV-2 RNA in Wastewater	Journal of Environmental Sciences	130	139-148		10.1016/j.jes.2022.10.006	37032030	6.90
Ning, Shuoyan; Gabarin, Nadia; Li, Na; Liu, Yang; Lucier, Kayla; Barty, Rebecca; Acker, Jason; Weibert, Kathryn E.; Warkentin, Theodore E.; Arnold, Donald M.; Heddle, Nancy M.	2023	An evaluation of the clinical impacts of 7-day platelets	Transfusion	63	480-493		10.1111/trf.17272	36744999	3.34
O'Brien SF, Goldman M, Drews SJ.&nbsp;	2023	An expanded role for blood donor emerging pathogens surveillance.	CMAJ	195(1)	e16		10.1503/cmaj.147635-l		
Jie Zeng, Pedro A Duarte, Yuhao Ma, Oleksandra Savchenko, Lian Shoute, Yeganeh Khaniani, Shawn Babiuk, Ran Zhuo, Gaser N Abdelrasoul, Carmen Charlton, Jamil N Kanji, Lorne Babiuk, Cole Edward, Jie Chen	2022	An impedimetric biosensor for COVID-19 serology test and modification of sensor performance via dielectrophoresis force	Biosens Bioelectron				doi: 10.1016/j.bios.2022.114476	35716642	12.50
Thilakarathna, Surangi H.; Stokowski, Taryn; Chui, Linda	2022	An Improved Real-Time Viability PCR Assay to Detect Salmonella in a Culture-Independent Era	International Journal of Molecular Sciences	23			10.3390/ijms232314708	37373127	6.21
Srivastava O, Plemel DJA, Tong CM, Ting A, van Landeghem FKH, Chan A	2023	Anaplastic sphenoidal meningioma: rapid growth after extensive exenteration	Can J Ophthalmol	58 (2)	e92-e95		10.1016/j.cjco.2022.07.004		4.20
Gilaad G Kaplan, Christopher Ma, Carmen Charlton, Jamil N Kanji, Graham Tipples, Nastaran Sharifi, Michelle Herauf, Stephanie Coward, Richard Ingram, Lindsay Hracs, Eric I Benchimol, Remo Panaccione&nbsp;	2022	Antibody response to SARS-CoV-2 among individuals with IBD diminishes over time: a serosurveillance cohort study	Gut				DOI: 10.1136/gutjnl-2021-325238	34340997	31.80

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Gouda P, Kay R, Gupta A, Yuen T, Elharram M, Breau JB, Gilani S, Lau D, Senaratne J, Tsui AK, Tsuyuki R, Graham M.&nbsp;	2023	Anticoagulation in type 2 myocardial infarctions: Lessons learned from the rivaroxaban in type 2 myocardial infarctions feasibility trial	Contemporary Clinical Trials Communications	Volume 33, June 2023, 101143			10.1016/j.conctc.2023.101143	37180843	
Robyn Thorington, Pamela Sawatzky, Brigitte Lefebvre, Mathew Diggie, Linda Hoang, Samir Patel, Paul Van Caesesele, Jessica Minion, Richard Garceau, Myrna Matheson, David Haldane, Genevieve Gravel, Michael R Mulvey, Irene Martin&nbsp;	2022	Antimicrobial susceptibilities of Neisseria gonorrhoeae, 2020	Canada Communicable Disease Report (CCDR)	48	571-579		https://doi.org/10.14745/ccdr.v48i1112a10		
Ashley Williams and Gregory Tyrrell	2022	ARF risk factors: beyond a sore throat.	The Lancet Regional Health Western Pacific.				doi: 10.1016/j.lanwpc.2022.100545.	35875692	7.10
Wawryk, N.J.P., Huang, G., Craven, C.B., Qiu, J., Jmaiff Blackstock, L.K., Li, X.-F.	2023	Aspartame-Sweetened Tap Water: Transformation Products and 2,6-Dichloro-1,4-Benzoquinone Formation	Environmental Science & Technology	57	1332-1341		10.1021/acs.est.2c07156	36628463	11.40
Dara, Delaram; Drabovich, Andrei P.	2023	Assessment of risks, implications, and opportunities of waterborne neurotoxic pesticides	Journal of Environmental Sciences	125	735-741		10.1016/j.jes.2022.03.033	36375955	6.90
Isiksacan, Ziya; D'Alessandro, Angelo; Wolf, Susan M.; McKenna, David H.; Tessier, Shannon N.; Kucukal, Erdem; Gokaltun, A. Aslihan; William, Nishaka; Sandlin, Rebecca D; Bischof, John; Mohandas, Narla; Busch, Michael P.; Elbuken, Caglar; Gurkan, Umut A.; Toner, Mehmet; Acker, Jason P.; Yarmush, Martin L.; Usta, O. Berk	2023	Assessment of stored red blood cells through lab-on-a-chip technologies for precision transfusion medicine	Proceedings of the National Academy of Sciences of the United States of America	120	e2115616120		10.1073/pnas.2115616120	37494421	11.10
Hahn LM, Manny E, Dhaliwal G, Chikuma J, Robinson J, Lou W, Subbarao P, Turvey SE, Simons E, Bell RC, Letourneau N, Charlton C, Mandhane PJ&nbsp;	2023	Association of COVID-19 Government-Instituted Mask Mandates With Incidence of Mask Use Among Children in Alberta, Canada	JAMA Netw Open				doi: 10.1001/jamanetworkopen.2023.17358	37289456	13.00
Osdoit, Marie; Yau, Christina; Symmans, W. Fraser; Boughey, Judy C.; Ewing, Cheryl A.; Balassanian, Ron; Chen, Yunn-Yi; Krings, Gregor; Wallace, Anne M.; Zare, Somaye; Fadare, Oluwole; Lancaster, Rachael; Wei, Shi; Godellas, Constantine, V; Tang, Ping; Tuttle, Todd M.; Klein, Molly; Sahoo, Sunati; Hieken, Tina J.; Carter, Jodi M.; Chen, Beiyun; Ahrendt, Gretchen; Tchou, Julia; Feldman, Michael; Tousimis, Eleni; Zeck, Jay; Jaskowiak, Nora; Sattar, Husain; Naik, Arpana M.; Lee, Marie Catherine; Rosa, Marilin; Khazai, Laila; Rendi, Mara H.; Lang, Julie E.; Lu, Janice; Tawfik, Ossama; Asare, Smita M.; Esserman, Laura J.; Mukhtar, Rita A.	2022	Association of Residual Ductal Carcinoma In Situ With Breast Cancer Recurrence in the Neoadjuvant I-SPY2 Trial	JAMA SURGERY	157	1034-1041		10.1001/jamasurg.2022.4118		
Howell A, Letcher, B, Murphy, K, Elmoazzen, H, Petraszko, T, Acker, JP, Pineault N, Holovati JL.	2023	Automated closed volume reduction process for apheresis stem cell grafts: From development to clinical implementation	Transfusion	62(9)	1818-1828		10.1111/trf.17022		
Lau, C., Le, X.C.	2023	Cadmium, Chromium, Copper, Iron, Lead, Mercury, Nickel, and Zinc in Freshwater Fish: Assessing Trophic Transfer Using Stable Isotope Ratios of delta15N and delta13C	Journal of Environmental Sciences	128	250-257		10.1016/j.jes.2023.01.007	36801038	6.90
Atkinson A, Albert A, McClymont E, Andrade J, Beach L, Bolotin S, Boucoiran I, Bullard J, Charlton C, Crane J, Dougan S, Forest JC, German GJ, Giguère Y, Girouard G, Hankins C, Krajden M, Lang A, Levett P, Minion J, Neudorf C, Poliquin V, Robinson JL, Scott H, Stein DR, Tran V, Zahariadis G, Zhou HY, Money D&nbsp;	2023	Canadian SARS-CoV-2 serological survey using antenatal serum samples: a retrospective seroprevalence study	CMAJ Open				doi: 10.9778/cmajo.20220045	37015743	3.00
Tracy L. Stockley, Bryan Lo, Adrian Box, Andrea Gomez Corredor, John DeCoteau, Patrice Desmeules, Harriet Feilotter, Daria Grafodatskaya, Wenda Greer, Cynthia Hawkins, Weei Yuarn Huang, Iyare Izevbaye, Guylaine Lépine, Sebastiao N. Martins Filho, Andreas I. Papadakis, Paul C. Park, Jean-Baptiste Riviere, Brandon S. Sheffield, Alan Spatz, Elizabeth Spriggs, Danh Tran-Thanh, Stephen Yip, Tong Zhang, Emina Torlakovic, Ming Sound Tsao&nbsp;	2022	CANTRK: A Canadian Ring Study to Optimize Detection of NTRK Gene Fusions by Next-Generation RNA Sequencing	The Journal of Molecular Diagnostics				https://doi.org/10.1016/j.jmoldx.2022.12.004	36586421	4.10
Amanda VanSpronsen, Laura Zychla, Elona Turley, Valentin Villatoro, Yan Yuan, Arto Ohinmaa	2023	Causes of Inappropriate Laboratory Test Ordering from the Perspective of Medical Laboratory Technical Professionals: Implications for Research and Education	Laboratory Medicine	54,1	e18-e23		https://doi.org/10.1093/labmed/lmac076		

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Kang, Eun-Young; Weir, Ashley; Meagher, Nicola S.; Farrington, Kyo; Nelson, Gregg S.; Ghatage, Prafull; Lee, Cheng-Han; Riggan, Marjorie J.; Bolithon, Adelyn; Popovic, Gordana; Leung, Betty; Tang, Katrina; Lambie, Neil; Millstein, Joshua; Alsop, Jennifer; Anglesio, Michael S.; Ataseven, Beyhan; Barlow, Ellen; Beckmann, Matthias W.; Berger, Jessica; Bisinotto, Christiani; Boesmueller, Hans; Boros, Jessica; Brand, Alison H.; Brooks-Wilson, Angela; Brucker, Sara Y.; Carney, Michael E.; Casablanca, Yovanni; Cazorla-Jimenez, Alicia; Cohen, Paul A.; Conrads, Thomas P.; Cook, Linda S.; Coulson, Penny; Courtney-Brooks, Madeleine; Cramer, Daniel W.; Crowe, Philip; Cunningham, Julie M.; Cybulski, Cezary; Darcy, Kathleen M.; El-Bahrawy, Mona A.; Elishaev, Esther; Erber, Ramona; Farrell, Rhonda; Fereday, Sian; Fischer, Anna; Garcia, Maria J.; Gayther, Simon A.; Gentry-Maharaj, Aleksandra; Gilks, C. Blake; Grube, Marcel; Harnett, Paul R.; Harrington, Shariska Petersen; Harter, Philipp; Hartmann, Arndt; Hecht, Jonathan L.; Heikaus, Sebastian; Hein, Alexander; Heitz, Florian; Hendley, Joy; Hernandez, Brenda Y.; Hernando Polo, Susanna; Heublein, Sabine; Hirasawa, Akira; Hogdall, Estrid; Hogdall, Claus K.; Horlings, Hugo M.; Huntsman, David G.; Huzarski, Tomasz; Jewell, Andrea; Jimenez-Linan, Mercedes; Jones, Michael E.; Kaufmann, Scott H.; Kennedy, Catherine J.; Khabele, Dineo; Kommos, Felix K. F.; Kruitwagen, Roy F. P. M. Lambrechts, Diether; Le, Nhu D.; Lener, Marcin; Lester, Jenny; Leung, Yee; Linder, Anna; Loverix, Liselore; Lubinski, Jan; Madan, Rashna; Maxwell, G. Larry; Modugno, Francesmary; Neuhausen, Susan L.; Olawaiye, Alexander; Olbrecht, Siel; Orsulic, Sandra; Palacios, Jose; Pearce, Celeste Leigh; Pike, Malcolm C.; Quinn, Carmel M.; Mohan, Ganendra Raj; Rodriguez-Antona, Cristina; Ruebner, Matthias; Ryan, Andy; Salfinger, Stuart G.; Sasamoto, Naoko; Schildkraut, Joellen M.; Schoemaker, Minouk J.; Shah, Mitul; Sharma, Raghwa; Shvetsov, Yurii B.; Singh, Naveena; Sonke, Gabe S.; Steele, Linda; Stewart, Colin J. R.; Sundfeldt, Karin; Swerdlow, Anthony J.; Talhouk, Aline; Tan, Adeline; Taylor, Sarah E.; Terry, Kathryn L.; Toloczko, Aleksandra; Traficante, Nadia; Van de Vijver, Koen K.; van der Aa, Maaikje A.; Van Gorp, Toon; Van Nieuwenhuysen, Els; Van-Wagensveld, Lillian; Vergote, Ignace; Vierkant, Robert A.; Wang, Chen; Wilkens, Lynne R.; Winham, Stacey J.; Wu, Anna H.; Benitez, Javier; Berchuck, Andrew; Candido Dos Reis, Francisco J.; DeFazio, Anna; Fasching, Peter A.; Goode, Ellen L.; Goodman, Marc T.; Gronwald, Jacek; Karlan, Beth Y.; Kommos, Stefan; Menon, Usha; Sinn, Hans-Peter; Staebler, Annette; Brenton, James D.; Bowtell, David D.; Pharoah, Paul D. P.; Ramus, Susan J.; Kobel, Martin;	2023	CCNE1 and survival of patients with tubo-ovarian high-grade serous carcinoma: An Ovarian Tumor Tissue Analysis consortium study	CANCER	129	697-713		10.1002/cncr.34582		
Ma K, Ali S, Xie J, Maki C, Lee B, Chui L, Pang XL, Zhuo R, Parsons B, Vanderkooi O, Poonai N, MacDonald SE, Tarr P, Freedman SB; Alberta Provincial Pediatric Enteric Infection TEam (APPETITE Team) and Pediatric Emergency Research Canada (PERC). &nbsp; 2023 Feb 1;doi: . Epub 2022 Nov 30.	2023	Characterizing the Pain Experience of Children With Acute Gastroenteritis Based on Identified Pathogens.	J Pediatr Gastroenterol Nutr.	76	160-165.		10.1097/MPG.0000000000003671		3.35
Drews, Steven J.; Wendel, Silvano; Leiby, David A.; Tonnetti, Laura; Ushiro-Lumb, Ines; O'Brien, Sheila F.; Lieshout-Krikke, Rianne W.; Bloch, Evan M.;	2023	Climate change and parasitic risk to the blood supply	Transfusion	63	638-645		10.1111/trf.17234		
Howell, Anita; Turner, Tracey R.; Hansen, Adele; Lautner, Larissa J.; Yi, Qilong; Acker, Jason P.;	2022	Closed system processing variables affect post-thaw quality characteristics of cryopreserved red cell concentrates	Transfusion	62	2577-2586		10.1111/trf.17138	36196922	3.34
Tyrrell Hannah, Morin Sarah, Lloyd Colin D, Parsons Brendon; Stokowski Taryn, Xie Jianling, Zhuo Ran, Lee Bonita E., Pang Xiao Li; Freedman Stephen B., Chui, Linda	2022	Comparative Evaluation of Luminex xTAG® Gastrointestinal Pathogen Panel and Direct-From-Stool Real-Time PCR for Detection of C. difficile Toxin tcdB in Stool Samples from a Pediatric Population	Microorganisms	10			10.3390/microorganisms10112214	36363805	4.91
William, Nishaka; Isiksacan, Ziya; Mykhailova, Olga; Olafson, Carly; Yarmush, Martin L.; Usta, O. Berk; Acker, Jason P.	2023	Comparing two extracellular additives to facilitate extended storage of red blood cells in a supercooled state	Frontiers in Physiology	14	1165330		10.3389/fphys.2023.1165330	37324383	4.00
Xie Jianling, Kim Kelly, Berenger Byron M., Chui Linda, Vanderkooi Otto G., Grisaru Silviu, Fre	2023	Comparison of a Rapid Multiplex Gastrointestinal Panel with Standard Laboratory Testing in the Management of Children with Hematochezia in a Pediatric Emergency Department: Randomized Controlled Trial	MICROBIOLOGY SPECTRUM	11			10.1128/spectrum.00268-23	37039648	9.04
Ran Zhuo, Carmen Charlton, Sabrina Plitt, L Alexa Thompson, Sheila Braun, Jacqueline Day Carla Osiowy, Graham Tipples, Jamil N Kanji	2022	Comparison of SARS-CoV-2 spike antibody quantitative titer reporting using the World Health Organization International Standard Units by four commercial assays	J Clin Virol				doi: 10.1016/j.jcv.2022.105292	36108404	14.50
Meenu K Sharma, Debra Janella, Alisa McGurran, Cindi Corbett, Heather Adam, Pierre-Marie Akochy, David Haldane, Hope MacKenzie, &nbsp; Jessica Minion, Robert Needle, Caroline Newberry, Michael Patterson, Inna Sekriov, Gregory Tyrrell, &nbsp;Hafid Soualhine	2022	Compilation of 10 Years of MIRU-VNTR Data: Canadian National Tuberculosis Laboratory's Experience	CANADIAN JOURNAL OF INFECTIOUS DISEASES & MEDICAL MICROBIOLOGY	2022			10.1155/2022/3505142	36046174	2.80

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Laermans J, Van Remoortel H, Scheers H, Avau B, Georgsen J, Nahiriak S, Shehata N, Stanworth SJ, De Buck E, Compennolle V, Vandekerckhove P	2023	Cost effectiveness of different platelet preparation, storage, selection and dosing methods in platelet transfusion: A systematic review.	Pharmacoecoon Open	June 26			doi: 10.1007/s41669-023-00427-w	PMID: 37365482	4.58
Xiao, H., Hu, J., Huang, C., Feng, W., Liu, Y., Kumblathan, T., Tao, J., Xu, J.Y., Le, X.C., Zhang, H.	2023	CRISPR Techniques and Potential for the Detection and Discrimination of SARS-CoV-2 Variants of Concern	TrAC - Trends in Analytical Chemistry	161	117000		10.1016/j.trac.2023.117000	36937152	13.10
O'Brien, Sheila F. F.; Caffrey, Niamh; Yi, Qi-Long; ;Bolotin, Shelly; Janjua, Naveed Z. Z.; Binka, Mawuena; Thanh, Caroline Quach; Stein, Derek R. R.; Lang, Amanda; Colquhoun, Amy; Pambrun, Chantale; Reedman, Cassandra N. N.; Drews, Steven J. J.	2023	Cross-Canada Variability in Blood Donor SARS-CoV-2 Seroprevalence by Social Determinants of Health	MICROBIOLOGY SPECTRUM				10.1128/spectrum.03356-22		
Alshalani, Abdulrahman; Beuger, Boukje M.; van Bruggen, Robin; Acker, Jason P.; Juffermans, Nicole P.	2023	Cultured CD71+ erythroid cells modulate the host immune response	Transfusion Medicine	33	257-262		10.1111/tme.12964	36919690	2.06
Mercan, Caner; Balkenhol, Maschenka; Salgado, Roberto; Sherman, Mark; Vielh, Philippe; Vreuls, Willem; Polonia, Antonio; Horlings, Hugo M.; Weichert, Wilko; Carter, Jodi M.; Bult, Peter; Christgen, Matthias; Denkert, Carsten; van de Vijver, Koen; Bokhorst, John-Melle; van der Laak, Jeroen; Ciompi, Francesco	2022	Deep learning for fully-automated nuclear pleomorphism scoring in breast cancer	NPJ BREAST CANCER	8			10.1038/s41523-022-00488-w		
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Lin, Yi-Chan J.; Evans, David H.; Robbins, Ninette F.; Orjuela, Guillermo; Abe, Kento T.; Rathod, Bhavisha; Colwill, Karen; Gingras, Anne-Claude; Tuite, Ashleigh; Yi, Qi-Long; O'Brien, Sheila F.; Drews, Steven J.	2023	Diminished Neutralization Capacity of SARS-CoV-2 Omicron BA.1 in Donor Plasma Collected from January to March 2021	MICROBIOLOGY SPECTRUM	11(4)	1-10		10.1128/spectrum.05256-22		
Carter, Jodi M.; Chumsri, Saranya; Hinerfeld, Douglas A.; Ma, Yaohua; Wang, Xue; Zahrieh, David; Hillman, David W.; Tenner, Kathleen S.; Kachergus, Jennifer M.; Brauer, Heather Ann; Warren, Sarah E.; Henderson, David; Shi, Ji; Liu, Yi; Joensuu, Heikki; Lindman, Henrik; Leon-Ferre, Roberto A.; Boughey, Judy C.; Liu, Minetta C.; Ingle, James N.; Kalari, Krishna R.; Couch, Fergus J.; Knutson, Keith L.; Goetz, Matthew P.; Perez, Edith A.; Thompson, E. Aubrey;	2023	Distinct spatial immune microlandscapes are independently associated with outcomes in triple-negative breast cancer	NATURE COMMUNICATIONS	14			10.1038/s41467-023-37806-0		
Abuetabh, Y., Wu, H., Chai, C., Al Yousef, H., Persad, S., Sergi, C.M., and Leng, R.*	2022	DNA damage response revisited: the p53 family and its regulators provide endless cancer therapeutic opportunities.	Experimental & Molecular Medicine (Spring Nature)	54	1658-1669		10.1038/s12276-022-00863-4.	36207426	12.79
Zhang, H; Liu, J.	2023	DNA-based biosensors	Trends in Analytical Chemistry	166	117164		https://doi.org/10.1016/j.trac.2023.117164		13.50
Deng, W., Xu, J.Y., Peng, H., Huang, C.Z., Le, X.C., Zhang, H.	2022	DNAzyme Motor Systems and Logic Gates Facilitated by Toehold Exchange Translators	Biosensors and Bioelectronics	217	114704		10.1016/j.bios.2022.114704	36113301	12.60
Rasha Maal-Bareda, Yuanyuan Qiu, Qiaozhi Li, Tiejun Gao, Steve Hrudey, Sudha Bhavanam, Norma J Ruecker, Erik Ellehoj, Bonita E. Lee, Xiaoli Pang &nbsp;&nbsp;	2023	Does normalization of SARS-CoV-2 concentrations by Pepper Mild Mottle Virus improve correlations and lead time between wastewater surveillance and clinical data in Alberta (Canada): comparing twelve SARS-CoV-2 normalization approaches.	Science of the Total Environment				10.1016/j.scitotenv.2022.158964		10.75
Li, Wenhui; William, Nishaka; Acker, Jason P.	2023	Donor sex, pre-donation hemoglobin, and manufacturing affect CD71<sup>+</sup> cells in red cell concentrates	Transfusion	63	601-609		10.1111/trf.17250	36655728	3.34
Alshalani, Abdulrahman Uhel, Fabrice Cremer, Olaf L Schultz, Marcus J ;de Vooght, Karen MK, van Bruggen, Robin, Acker, Jason P Juffermans, Nicole P	2022	Donor-recipient sex is associated with transfusion-related outcomes in critically ill patients	Blood Advances	6	3260-267		10.1182/bloodadvances.2021006402	35286383	7.50
Langman, Loralie J.; Rushton, Alysha M.; Thomas, Dylan; Colbourne, Penny; Seiden-Long, Isolde; Brun, Miranda M.; Colantonio, David; Jannetto, Paul J.	2023	Drug testing in support of the diagnosis of neonatal abstinence syndrome: The current situation	Clinical Biochemistry	111	1-10		10.1016/j.clinbiochem.2022.11.002		3.63
Chassé, Michaël; Fergusson, Dean A.; Tinmouth, Alan; Acker, Jason P.; Perelman, Iris; Tuttle, Angie; English, Shane W.;Hawken, Steven; Forster, Alan J.; Shehata, Nadine; Thavorn, Kednapa; Wilson, Kumanan; Cober, Nancy; Maddison, Heather; Tokessy, Melanie	2023	Effect of Donor Sex on Recipient Mortality in Transfusion	New England Journal of Medicine	388	1386-1395		10.1056/NEJMoa2211523	37043654	176.10
Yang, X., Wang, C., Zheng, Q., Liu, Q., Wawryk, N.J.P., Li, X.-F.	2022	Emerging Disinfection Byproduct 2,6-Dichlorobenzoquinone-Induced Cardiovascular Developmental Toxicity of Embryonic Zebrafish and Larvae: Imaging and Transcriptome Analysis	ACS Omega	7	45642-45653		10.1021/acsomega.2c06296	36530307	4.10

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Tessier-Cloutier, Basile; Kang, Eun Young; Alex, Deepu; Stewart, Colin J.R.; McCluggage, W. Glenn; Köbel, Martin; Lee, Cheng Han	2022	Endometrial neuroendocrine carcinoma and undifferentiated carcinoma are distinct entities with overlap in neuroendocrine marker expression	Histopathology	81	44-54		10.1111/his.14639		
Kommos FKF, Chiang S, Köbel M, Koelsche C, Chang KT, Irving JA, Dickson B, Thiryayi S, Rouzbahman M, Rasty G, von Deimling A, Lee CH, Turashvili G.	2022	Endometrial Stromal Sarcomas With BCOR Internal Tandem Duplication and Variant BCOR/BCORL1 Rearrangements Resemble High-grade Endometrial Stromal Sarcomas With Recurrent CDK4 Pathway Alterations and MDM2 Amplifications.	American Journal of Surgical Pathology	46(8)	1142-1152		10.1097/PAS.0000000000001909		
William, Nishaka; Mangan, Sophia; Ben, Rob N.; Acker, Jason P.	2023	Engineered Compounds to Control Ice Nucleation and Recrystallization	Annual Review of Biomedical Engineering	25	333-362		10.1146/annurev-bioeng-082222-015243	37104651	11.32
Lakshmi Puttagunta	2023	Entry Denied	CMAJ	Volume195, Issue 13	E486-E487		10.1503/cmaj.221148.	37011929	
Shaw, Julie L.V.; Arnoldo, Saranya; Beach, Lori; Bouhtiauy, Ihssan; Brinc, Davor; Brun, Miranda; Collier, Christine; Kostantin, Elie; Fung, Angela W.S.; Füzéry, Anna K.; Huang, Yun; Kaur, Sukhbir; Knauer, Michael; Labrecque, Lyne; Leung, Felix; Shea, Jennifer L.; Thakur, Vinita; Thorlacius, Laurel; Venner, Allison A.; Yip, Paul M.; De Guire, Vincent;	2023	Establishing quality indicators for point of care glucose testing: Recommendations from the Canadian Society for Clinical Chemists Point of Care Testing and Quality Indicators Special Interest Groups	Clinical Chemistry and Laboratory Medicine	61	1280-1287		10.1515/ccclm-2023-0147		8.49
Chibbar R, Foerstner S, Suresh J, Chibbar R, Piche A, Kundapur D, Kanthan R, Kundapur V, Lee CH, Agrawal A, Lai R.	2023	Estrogen/Progesterone Receptor Loss, CTNNB1 and KRAS Mutations Are Associated With Local Recurrence or Distant Metastasis in Low-Grade Endometrial Endometrioid Carcinoma.	Applied Immunohistochemistry & Molecular Morphology	31(3)	181-188		10.1097/PAI.0000000000001102		
Thompson LA, Plitt SS, Doucette K, Coffin CS, Klein KB, Robinson JL, Charlton CL&nbsp;	2023	Evaluation and comparison of risk-based and universal prenatal HCV screening programs in Alberta, Canada	J Hepatol				doi: 10.1016/j.jhep.2023.05.044	37348788	30.00
Haddad, Tufia C.; Suman, Vera J.; D'Assoro, Antonino B.; Carter, Jodi M.; Giridhar, Karthik V.; McMenomy, Brendan P.; Santo, Katelyn; Mayer, Erica L.; Karuturi, Meghan S.; Morikawa, Aki; Marcom, P. Kelly; Isaacs, Claudine J.; Oh, Sun Young; Clark, Amy S.; Mayer, Ingrid A.; Keyomarsi, Khandan; Hobday, Timothy J.; Peethambaram, Prema P.; O'Sullivan, Ciara C.; Leon-Ferre, Roberto A.; Liu, Minetta C.; Ingle, James N.; Goetz, Matthew P.	2023	Evaluation of Alisertib Alone or Combined With Fulvestrant in Patients With Endocrine-Resistant Advanced Breast Cancer The Phase 2 TBCRC041 Randomized Clinical Trial	JAMA ONCOLOGY	9	815-824		10.1001/jamaoncol.2022.7949		
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Hiebert J, Zubach V, Charlton CL, Fenton J, Tipples GA, Fonseca K, Severini A.&nbsp;	2022	Evaluation of Diagnostic Accuracy of Eight Commercial Assays for the Detection of Rubella Virus Specific IgM Antibodies	J Clin Micro				10.1128/JCM.01597-21	34705533	5.90
Kariyawasam RM; Fehr AJ; <u>Marshall NC</u>; Dingle TC.&nbsp;	2023	Evaluation of rapid pellet MALDI-ToF MS identification from positive blood cultures	Journal of Clinical Microbiology (submitted)				N/A		
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Kuebler, Wolfgang M William, Nishaka Post, Martin Acker, Jason P McVey, Mark J	2023	Extracellular vesicles Effectors of transfusion-related acute lung injury	American Journal of Physiology Lung Cellular and Molecular Physiology	325	L327-L341		10.1152/ajplung.00040.2023	37310760	5.46

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Emmanuel W Bumunang, Rahat Zaheer, Kim Stanford, Chad Laing, Dongyan Niu , Le Luo Guan, Linda Chui, Gillian A M Tarr, Tim A McAllister.&nbsp;	2022	Genomic Analysis of Shiga Toxin-Producing E. coli O157 Cattle and Clinical Isolates from Alberta, Canada	Toxin (Basel)	14 (9)	603		10.3390/toxins14090603.	36136541	5.08
Williams AN, Croxen MA, Demczuk WHB, Martin I, Tyrrell GJ	2023	Genomic characterization of emerging invasive Streptococcus agalactiae serotype VIII in Alberta, Canada	Eur J Clin Microbiol Infect Dis	Jun;42(6)	747-757		10.1007/s10096-023-04606-9	37084119	
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Alexa Thompson, Jayne Fenton, Carmen Charlton&nbsp;	2022	HCV reflex testing: A single-sample, low-contamination method that improves the diagnostic efficiency of HCV testing among patients in Alberta, Canada	J Assoc Med Microbiol Infect Dis Can .				doi: 10.3138/jammi-2021-0028	36337352	
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Li, Wenhui; Acker, Jason P.	2023	Immunological impact of the CD71+ RBCs: A potential immune mediator in transfusion	Transfusion and Apheresis Science	62	103721		10.1016/j.transci.2023.103721	37173208	1.90
Benjamin A. Adam	2022	Importance of confounding factors in the evaluation of surrogate measures for kidney transplant fibrosis	Kidney360	3(11)	1829-1830		10.34067/KID.0005852022	36436680	
Yuhao Ma, Daniel To, Jie Zeng, Lian C T, Shoute, Meng Wu, Shawn Babiuk, Ran Zhuo, Carmen Charlton, Jamil N Kanji, Lorne Babiuk, Jie Chen&nbsp;	2022	Improving immunoassay detection accuracy of anti-SARS-CoV-2 antibodies through dual modality validation	Biosens Bioelectron X				doi: 10.1016/j.biosx.2022	35692737	5.57
Monica Dahiya, Juan Jovel, Tanya Monaghan, Karen Wong, Wael Elhenawy, Linda Chui, Finlay McAlister, Dina Kao.	2023	In Silico Analysis of Changes in Predicted Metabolic Capabilities of Intestinal Microbiota after Fecal Microbial Transplantation for Treatment of Recurrent Clostridioides difficile Infection	Microorganisms	11			10.3390/microorganisms11041078	37110500	4.93

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Weir A, Kang EY, Meagher NS, Nelson GS, Ghatage P, Lee CH, Riggan MJ, Gentry-Maharaj A, Ryan A, Singh N, Widschwendter M, Alsop J, Anglesio MS, Beckmann MW, Berger J, Bisinotto C, Boros J, Brand AH, Brenton JD, Brooks-Wilson A, Carney ME, Cunningham JM, Cushing-Haugen KL, Cybulski C, Elishaev E, Erber R, Fereday S, Fischer A, Paz-Ares L, Gayarre J, Gilks BC, Grube M, Harnett PR, Harris HR, Hartmann A, Hein A, Hendley J, Hernandez BY, Heublein S, Huang Y, Huzarski T, Jakubowska A, Jimenez-Linan M, Kennedy CJ, Kommos FKF, Koziak JM, Kraemer B, Le ND, Lesnock J, Lester J, Lubiński J, Menkiszak J, Ney B, Olawaiye A, Orsulic S, Osorio A, Robles-Díaz L, Ruebner M, Shah M, Sharma R, Shvetsov YB, Steed H, Talhouk A, Taylor SE, Traficante N, Vierkant RA, Wang C, Wilkens LR, Winham SJ, Benitez J, Berchuck A, Bowtell DD, Candido Dos Reis FJ, Cook LS, DeFazio A; AOCs group; Doherty JA, Fasching PA, Garcia MJ, Goode EL, Goodman MT, Gronwald J, Huntsman DG, Karlan BY, Kommos S, Modugno F, Schildkraut JM, Sinn HP, Staebler A, Kelemen LE, Ford CE, Menon U, Pharoah PDP, Köbel M, Ramus SJ.	2023	Increased FOXJ1 protein expression is associated with improved overall survival in high-grade serous ovarian carcinoma: an Ovarian Tumor Tissue Analysis Consortium Study.	British Journal of Cancer	128(1)	137-147		10.1038/s41416-022-02014-y.		
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Lieberman L, Lopriore E, Baker JM, Bercovitz RS, Christensen RD, Crighton G, Delaney M, Goel R, Hendrickson JE, Keir A, Landry D, La Rocca U, Lemyre B, Maier RF, Muniz-Diaz E, Nahiriak S, New HV, Pavenski K, Dos Santos MCP, Ramsey G, Shehata N; International Collaboration for Transfusion Medicine Guidelines (ICTMG).	2022	International Guidelines regarding the role of IVIG in the management of Rh- and ABO- mediated haemolytic disease of the newborn.	British Journal of Haematology	198(1)	183-195		doi: 10.1111/bjh.18170.	PMID: 35415922	6.50
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