Christina M Lockwood

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Circulating Tumor DNA Analysis in Patients With Cancer: American Society of Clinical Oncology and College of American Pathologists Joint Review. Journal of Clinical Oncology, 2018, 36, 1631-1641. | 1.6 | 668 |
| 2 | Clinical nextâ€generation sequencing in patients with non–small cell lung cancer. Cancer, 2015, 121, 631-639. | 4.1 | 190 |
| 3 | Validation of a Next-Generation Sequencing Assay for Clinical Molecular Oncology. Journal of Molecular Diagnostics, 2014, 16, 89-105. | 2.8 | 168 |
| 4 | Pan-Trk Immunohistochemistry Identifies NTRK Rearrangements in Pediatric Mesenchymal Tumors. American Journal of Surgical Pathology, 2018, 42, 927-935. | 3.7 | 167 |
| 5 | Multiple Wnt Signaling Pathways Converge to Orient the Mitotic Spindle in Early C. elegans Embryos. Developmental Cell, 2004, 7, 831-841. | 7.0 | 156 |
| 6 | Circulating Tumor DNA Analysis in Patients With Cancer: American Society of Clinical Oncology and College of American Pathologists Joint Review. Archives of Pathology and Laboratory Medicine, 2018, 142, 1242-1253. | 2.5 | 120 |
| 7 | Detection of FLT3 Internal Tandem Duplication in Targeted, Short-Read-Length, Next-Generation Sequencing Data. Journal of Molecular Diagnostics, 2013, 15, 81-93. | 2.8 | 119 |
| 8 | Expanding the Spectrum of Pediatric NTRK-rearranged Mesenchymal Tumors. American Journal of Surgical Pathology, 2019, 43, 435-445. | 3.7 | 106 |
| 9 | Early Detection of Covid-19 through a Citywide Pandemic Surveillance Platform. New England Journal of Medicine, 2020, 383, 185-187. | 27.0 | 97 |
| 10 | Microsatellite instability in prostate cancer by PCR or next-generation sequencing. , 2018, 6, 29. | | 96 |
| 11 | Infantile <i>NTRK</i> -associated Mesenchymal Tumors. Pediatric and Developmental Pathology, 2018, 21, 68-78. | 1.0 | 93 |
| 12 | Circulating MicroRNA miR-323-3p as a Biomarker of Ectopic Pregnancy. Clinical Chemistry, 2012, 58, 896-905. | 3.2 | 80 |
| 13 | Comparison of Symptoms and RNA Levels in Children and Adults With SARS-CoV-2 Infection in the Community Setting. JAMA Pediatrics, 2021, 175, e212025. | 6.2 | 80 |
| 14 | Genomic heterogeneity of ALK fusion breakpoints in non-small-cell lung cancer. Modern Pathology, 2018, 31, 791-808. | 5.5 | 79 |
| 15 | Serum Human Chorionic Gonadotropin Concentrations Greater than 400,000 IU/L Are Invariably Associated with Suppressed Serum Thyrotropin Concentrations. Thyroid, 2009, 19, 863-868. | 4.5 | 77 |
| 16 | T-cell clonality assessment by next-generation sequencing improves detection sensitivity in mycosis fungoides. Journal of the American Academy of Dermatology, 2015, 73, 228-236.e2. | 1.2 | 76 |
| 17 | Pre-analytical variables in miRNA analysis. Clinical Biochemistry, 2013, 46, 861-868. | 1.9 | 74 |
| 18 | Detection of Gene Rearrangements in Targeted Clinical Next-Generation Sequencing. Journal of Molecular Diagnostics, 2014, 16, 405-417. | 2.8 | 65 |

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|----|---|-----|-----------|
| 19 | The C. elegans Zonula Occludens Ortholog Cooperates with the Cadherin Complex to Recruit Actin during Morphogenesis. Current Biology, 2008, 18, 1333-1337. | 3.9 | 50 |
| 20 | Design of targeted, capture-based, next generation sequencing tests for precision cancer therapy. Cancer Genetics, 2013, 206, 420-431. | 0.4 | 50 |
| 21 | Variability in, variability out: best practice recommendations to standardize pre-analytical variables in the detection of circulating and tissue microRNAs. Clinical Chemistry and Laboratory Medicine, 2017, 55, 608-621. | 2.3 | 49 |
| 22 | Catecholamine Interference in Enzymatic Creatinine Assays. Clinical Chemistry, 2009, 55, 1732-1736. | 3.2 | 48 |
| 23 | Qualitative point-of-care and over-the-counter urine hCG devices differentially detect the hCG variants of early pregnancy. Clinica Chimica Acta, 2009, 406, 81-85. | 1.1 | 44 |
| 24 | Beyond the Blood: CSF-Derived cfDNA for Diagnosis and Characterization of CNS Tumors. Frontiers in Cell and Developmental Biology, 2020, 8, 45. | 3.7 | 44 |
| 25 | Histone deposition pathways determine the chromatin landscapes of H3.1 and H3.3 K27M oncohistones. ELife, 2020, 9, . | 6.0 | 42 |
| 26 | Desmoplastic Infantile Ganglioglioma/Astrocytoma (DIG/DIA) Are Distinct Entities with Frequent BRAFV600 Mutations. Molecular Cancer Research, 2018, 16, 1491-1498. | 3.4 | 39 |
| 27 | Cell adhesion receptors in C. elegans. Journal of Cell Science, 2004, 117, 1867-1870. | 2.0 | 35 |
| 28 | Novel BRAF gene fusions and activating point mutations in spindle cell sarcomas with histologic overlap with infantile fibrosarcoma. Modern Pathology, 2021, 34, 1530-1540. | 5.5 | 34 |
| 29 | Circulating miR-122 as a potential biomarker of liver disease. Biomarkers in Medicine, 2013, 7, 205-210. | 1.4 | 33 |
| 30 | Validation and implementation of a modular targeted capture assay for the detection of clinically significant molecular oncology alterations. Practical Laboratory Medicine, 2020, 19, e00153. | 1.3 | 32 |
| 31 | Whole-genome sequencing as an investigational device for return of hereditary disease risk and pharmacogenomic results as part of the All of Us Research Program. Genome Medicine, 2022, 14, 34. | 8.2 | 27 |
| 32 | The Undergraduate Training in Genomics (UTRIG) Initiative: early & active training for physicians in the genomic medicine era. Personalized Medicine, 2018, 15, 199-208. | 1.5 | 25 |
| 33 | Profiling PI3K-AKT-MTOR variants in focal brain malformations reveals new insights for diagnostic care. Brain, 2022, 145, 925-938. | 7.6 | 25 |
| 34 | SwabExpress: An End-to-End Protocol for Extraction-Free COVID-19 Testing. Clinical Chemistry, 2021, 68, 143-152. | 3.2 | 24 |
| 35 | Development of an Immunoassay for the Kidney-Specific Protein myo-Inositol Oxygenase, a Potential Biomarker of Acute Kidney Injury. Clinical Chemistry, 2014, 60, 747-757. | 3.2 | 23 |
| 36 | Children with DIPG and high-grade glioma treated with temozolomide, irinotecan, and bevacizumab: the Seattle Children's Hospital experience. Journal of Neuro-Oncology, 2020, 148, 607-617. | 2.9 | 21 |

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|----|--|-----|-----------|
| 37 | Call for improvement in medical school training in genetics: results of a national survey. Genetics in Medicine, 2021, 23, 1151-1157. | 2.4 | 19 |
| 38 | Cardiovascular disease testing on the Dimension Vista® system: Biomarkers of acute coronary syndromes. Clinical Biochemistry, 2009, 42, 1444-1451. | 1.9 | 17 |
| 39 | Direct-to-Consumer Genetic Testing: Reliable or Risky?. Clinical Chemistry, 2011, 57, 1641-1644. | 3.2 | 16 |
| 40 | Expression of the Na+/K+-transporting ATPase gamma subunit FXYD2 in renal tumors. Modern Pathology, 2013, 26, 716-724. | 5.5 | 16 |
| 41 | Diagnostic Utility of Targeted Next-generation Sequencing in Problematic Cases. American Journal of Surgical Pathology, 2014, 38, 534-541. | 3.7 | 16 |
| 42 | Validation of Lamellar Body Counts Using Three Hematology Analyzers. American Journal of Clinical Pathology, 2010, 134, 420-428. | 0.7 | 15 |
| 43 | Design of a Genomics Curriculum: Competencies for Practicing Pathologists. Archives of Pathology and Laboratory Medicine, 2015, 139, 894-900. | 2.5 | 15 |
| 44 | Giant Pediatric Rhabdoid Meningioma Associated with a Germline BAP1 Pathogenic Variation: A Rare Clinical Case. World Neurosurgery, 2018, 119, 402-415. | 1.3 | 12 |
| 45 | Clinical genomicist workstation. AMIA Summits on Translational Science Proceedings, 2013, 2013, 156-7. | 0.4 | 11 |
| 46 | Recurrent EGFR alterations in NTRK3 fusion negative congenital mesoblastic nephroma. Practical Laboratory Medicine, 2020, 21, e00164. | 1.3 | 9 |
| 47 | The impact of maternal autoimmune disease on cell-free DNA test characteristics. American Journal of Obstetrics & Gynecology MFM, 2021, 3, 100466. | 2.6 | 9 |
| 48 | Increased Frequency of Heterozygous Alphaâ€1â€Antitrypsin Deficiency in Liver Explants From Nonalcoholic Steatohepatitis Patients. Liver Transplantation, 2020, 26, 17-24. | 2.4 | 8 |
| 49 | At Preeclampsia Diagnosis, Total Cellâ€Free DNA Concentration is Elevated and Correlates With Disease Severity. Journal of the American Heart Association, 2021, 10, e021477. | 3.7 | 8 |
| 50 | High-resolution profiling of human cytomegalovirus cell-free DNA in human plasma highlights its exceptionally fragmented nature. Scientific Reports, 2020, 10, 3734. | 3.3 | 7 |
| 51 | Low fetal fraction in obese women at first trimester cellâ€free DNA based prenatal screening is not accompanied by differences in total cellâ€free DNA. Prenatal Diagnosis, 2021, 41, 1277-1286. | 2.3 | 7 |
| 52 | Integration of Genomic Medicine in Pathology Resident Training. American Journal of Clinical Pathology, 2020, 154, 784-791. | 0.7 | 5 |
| 53 | Development of Xpert® BCR-ABL Ultra, an Automated and Standardized Multiplex Assay with Required Performance Characteristics for BCR-ABL1 Quantitative Measurement on an International Reporting Scale. Blood, 2015, 126, 2793-2793. | 1.4 | 5 |
| 54 | Diagnostic testing approaches for the identification of patients with TRK fusion cancer prior to enrollment in clinical trials investigating larotrectinib. Cancer Genetics, 2022, 260-261, 46-52. | 0.4 | 5 |

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|----|--|------|-----------|
| 55 | Targeted Next-Generation Sequencing of Acute Leukemia. Methods in Molecular Biology, 2017, 1633, 163-184. | 0.9 | 4 |
| 56 | Trillions and Trillions: Herpes Simplex Virus–1 Hepatitis in an Immunocompetent Adult. Open Forum Infectious Diseases, 2019, 6, ofz465. | 0.9 | 4 |
| 57 | ETRAP (efficient trapping and purification) of target protein polyclonal antibodies from GST-protein immune sera1. Biotechnology and Applied Biochemistry, 2010, 57, 127-138. | 3.1 | 3 |
| 58 | Premenopausal Amenorrhea: What's in a Number?. Clinical Chemistry, 2014, 60, 29-33. | 3.2 | 3 |
| 59 | Mutations of the DNA repair gene PNKP in a patient with microcephaly, seizures, and developmental delay (MCSZ) presenting with a high-grade brain tumor. Scientific Reports, 2022, 12, 5386. | 3.3 | 3 |
| 60 | The Seattle Flu Study: when regulations hinder pandemic surveillance. Nature Medicine, 2022, 28, 7-8. | 30.7 | 3 |
| 61 | Association of fetal fraction with hypertensive disorders of pregnancy incidence and disease severity. American Journal of Obstetrics & Gynecology MFM, 2022, 4, 100671. | 2.6 | 3 |
| 62 | Year 1 in the Molecular Era of Pediatric Brain Tumor Diagnosis: Application of Universal Clinical Targeted Sequencing in an Unselected Cohort of Children. JCO Precision Oncology, 2018, 2, 1-13. | 3.0 | 2 |
| 63 | Molecularly Targeted Treatments for NF1-Mutant Diffuse Intrinsic Pontine Glioma. journal of applied laboratory medicine, The, 2021, 6, 550-553. | 1.3 | 2 |
| 64 | Comparable Specimen Collection from Both Ends of At-Home Midturbinate Swabs. Journal of Clinical Microbiology, 2021, 59, . | 3.9 | 2 |
| 65 | Swab-Free Transport as an Optimized Preanalytical Workflow for SARS-CoV-2 Amplification. journal of applied laboratory medicine, The, 2021, 6, 606-613. | 1.3 | 2 |
| 66 | Two cases of pineal anlage tumor with molecular analysis. Pediatric Blood and Cancer, 2022, 69, e29596. | 1.5 | 2 |
| 67 | Direct-to-Consumer Cardiac Screening Tests: User Beware. Clinical Chemistry, 2012, 58, 1068-1069. | 3.2 | 1 |
| 68 | Clinical utility of miRNAs in diagnosis and prognosis. Clinical Biochemistry, 2013, 46, 839. | 1.9 | 1 |
| 69 | Newborn Screening by Whole-Genome Sequencing: Ready for Prime Time?. Clinical Chemistry, 2014, 60, 1243-1244. | 3.2 | 1 |
| 70 | Intrauterine Fetal Growth Restriction and Oligohydramnios of Undetermined Etiology. journal of applied laboratory medicine, The, 2017, 1, 576-580. | 1.3 | 1 |
| 71 | Real-Time PCR to Detect α-1 Antitrypsin S and Z Alleles in Formalin-Fixed Paraffin-Embedded Tissue. journal of applied laboratory medicine, The, 2018, 3, 18-25. | 1.3 | 1 |
| 72 | Postmortem Somatic Sequencing of Tumors From Patients With Suspected Lynch Syndrome Has Clinical Utility for Surviving Relatives. JCO Precision Oncology, 2018, 2, 1-7. | 3.0 | 1 |

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|----|---|-----|-----------|
| 73 | A Paradigm Shift: Considerations in Prenatal Cell-Free DNA Screening. journal of applied laboratory medicine, The, 2018, 2, 784-796. | 1.3 | 1 |
| 74 | Commentary. Clinical Chemistry, 2020, 66, 52-52. | 3.2 | 1 |
| 75 | Predictors of mortality and tumor recurrence in desmoplastic infantile ganglioglioma and astrocytoma—and individual participant data meta-analysis (IPDMA). Journal of Neuro-Oncology, 2021, 155, 155-163. | 2.9 | 1 |
| 76 | Performance of cell-free tumor DNA testing for 101 clinical laboratories on College of American Pathologists proficiency tests Journal of Clinical Oncology, 2020, 38, e13681-e13681. | 1.6 | 1 |
| 77 | Evaluation of Patient Demographics in Clinical Cancer Genomic Testing. journal of applied laboratory medicine, The, 2021, 6, 119-124. | 1.3 | 1 |
| 78 | Most Frequently Cited Accreditation Inspection Deficiencies for Clinical Molecular Oncology Testing Laboratories and Opportunities for Improvement. Archives of Pathology and Laboratory Medicine, 2022, 146, 1441-1449. | 2.5 | 1 |
| 79 | The utility of cerebrospinal fluid-derived cell-free DNA in molecular diagnostics for the -related megalencephaly-capillary malformation (MCAP) syndrome: a case report Cold Spring Harbor Molecular Case Studies, 2022, 8, . | 1.0 | 1 |
| 80 | Clinical Testing for Tumor Cell-Free DNA: College of American Pathologists Proficiency Programs Reveal Practice Trends. Archives of Pathology and Laboratory Medicine, 2023, 147, 425-433. | 2.5 | 1 |
| 81 | Commentary. Clinical Chemistry, 2014, 60, 305-306. | 3.2 | Ο |
| 82 | A 5-Month-Old Boy with Delay in Growth and Development and Decreased Muscle Tone. Clinical Chemistry, 2015, 61, 50-54. | 3.2 | 0 |
| 83 | Unexpected Challenges in Noninvasive Prenatal Testing. Clinical Chemistry, 2015, 61, 1551-1552. | 3.2 | Ο |
| 84 | An Informatics Research Roadmap to Facilitate Precision Medicine. Clinical Chemistry, 2016, 62, 1282-1283. | 3.2 | 0 |
| 85 | Commentary on Sequence Now, Later, or Never?. Clinical Chemistry, 2020, 66, 886-886. | 3.2 | Ο |
| 86 | Clinical Evaluation of Xpert® BCR-ABL Ultra, an Automated and Standardized Cartridge-Based Assay for the Quantification of BCR-ABL1. Blood, 2015, 126, 5170-5170. | 1.4 | 0 |
| 87 | Utilization Management of Genetic Testing. , 2017, , 219-233. | | Ο |
| 88 | OUP accepted manuscript. Clinical Chemistry, 2022, 68, 627-632. | 3.2 | 0 |
| 89 | HGG-62. Molecularly guided treatment of mismatch repair-deficient pediatric brain tumors. Neuro-Oncology, 2022, 24, i76-i76. | 1.2 | 0 |
| 90 | Congenital Infantile Fibrosarcoma Involving Pelvic Wall and Thigh Soft Tissues and Placenta, Presenting with Coagulopathy. Pediatric and Developmental Pathology, 0, , 109352662211140. | 1.0 | 0 |