

Christina M Lockwood

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,447
citations

186209

28
h-index

155592

55
g-index

98
all docs

98
docs citations

98
times ranked

6723
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating Tumor DNA Analysis in Patients With Cancer: American Society of Clinical Oncology and College of American Pathologists Joint Review. <i>Journal of Clinical Oncology</i> , 2018, 36, 1631-1641.	0.8	668
2	Clinical next-generation sequencing in patients with non-small cell lung cancer. <i>Cancer</i> , 2015, 121, 631-639.	2.0	190
3	Validation of a Next-Generation Sequencing Assay for Clinical Molecular Oncology. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 89-105.	1.2	168
4	Pan-Trk Immunohistochemistry Identifies NTRK Rearrangements in Pediatric Mesenchymal Tumors. <i>American Journal of Surgical Pathology</i> , 2018, 42, 927-935.	2.1	167
5	Multiple Wnt Signaling Pathways Converge to Orient the Mitotic Spindle in Early <i>C. elegans</i> Embryos. <i>Developmental Cell</i> , 2004, 7, 831-841.	3.1	156
6	Circulating Tumor DNA Analysis in Patients With Cancer: American Society of Clinical Oncology and College of American Pathologists Joint Review. <i>Archives of Pathology and Laboratory Medicine</i> , 2018, 142, 1242-1253.	1.2	120
7	Detection of FLT3 Internal Tandem Duplication in Targeted, Short-Read-Length, Next-Generation Sequencing Data. <i>Journal of Molecular Diagnostics</i> , 2013, 15, 81-93.	1.2	119
8	Expanding the Spectrum of Pediatric NTRK-rearranged Mesenchymal Tumors. <i>American Journal of Surgical Pathology</i> , 2019, 43, 435-445.	2.1	106
9	Early Detection of Covid-19 through a Citywide Pandemic Surveillance Platform. <i>New England Journal of Medicine</i> , 2020, 383, 185-187.	13.9	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. <i>Pediatric and Developmental Pathology</i> , 2018, 21, 68-78.	0.5	93
12	Circulating MicroRNA miR-323-3p as a Biomarker of Ectopic Pregnancy. <i>Clinical Chemistry</i> , 2012, 58, 896-905.	1.5	80
13	Comparison of Symptoms and RNA Levels in Children and Adults With SARS-CoV-2 Infection in the Community Setting. <i>JAMA Pediatrics</i> , 2021, 175, e212025.	3.3	80
14	Genomic heterogeneity of ALK fusion breakpoints in non-small-cell lung cancer. <i>Modern Pathology</i> , 2018, 31, 791-808.	2.9	79
15	Serum Human Chorionic Gonadotropin Concentrations Greater than 400,000 IU/L Are Invariably Associated with Suppressed Serum Thyrotropin Concentrations. <i>Thyroid</i> , 2009, 19, 863-868.	2.4	77
16	T-cell clonality assessment by next-generation sequencing improves detection sensitivity in mycosis fungoides. <i>Journal of the American Academy of Dermatology</i> , 2015, 73, 228-236.e2.	0.6	76
17	Pre-analytical variables in miRNA analysis. <i>Clinical Biochemistry</i> , 2013, 46, 861-868.	0.8	74
18	Detection of Gene Rearrangements in Targeted Clinical Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2014, 16, 405-417.	1.2	65

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19	The <i>C. elegans</i> Zonula Occludens Ortholog Cooperates with the Cadherin Complex to Recruit Actin during Morphogenesis. <i>Current Biology</i> , 2008, 18, 1333-1337.	1.8	50
20	Design of targeted, capture-based, next generation sequencing tests for precision cancer therapy. <i>Cancer Genetics</i> , 2013, 206, 420-431.	0.2	50
21	Variability in, variability out: best practice recommendations to standardize pre-analytical variables in the detection of circulating and tissue microRNAs. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 608-621.	1.4	49
22	Catecholamine Interference in Enzymatic Creatinine Assays. <i>Clinical Chemistry</i> , 2009, 55, 1732-1736.	1.5	48
23	Qualitative point-of-care and over-the-counter urine hCG devices differentially detect the hCG variants of early pregnancy. <i>Clinica Chimica Acta</i> , 2009, 406, 81-85.	0.5	44
24	Beyond the Blood: CSF-Derived cfDNA for Diagnosis and Characterization of CNS Tumors. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 45.	1.8	44
25	Histone deposition pathways determine the chromatin landscapes of H3.1 and H3.3 K27M oncohistones. <i>ELife</i> , 2020, 9, .	2.8	42
26	Desmoplastic Infantile Ganglioglioma/Astrocytoma (DIG/DIA) Are Distinct Entities with Frequent BRAFV600 Mutations. <i>Molecular Cancer Research</i> , 2018, 16, 1491-1498.	1.5	39
27	Cell adhesion receptors in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2004, 117, 1867-1870.	1.2	35
28	Novel BRAF gene fusions and activating point mutations in spindle cell sarcomas with histologic overlap with infantile fibrosarcoma. <i>Modern Pathology</i> , 2021, 34, 1530-1540.	2.9	34
29	Circulating miR-122 as a potential biomarker of liver disease. <i>Biomarkers in Medicine</i> , 2013, 7, 205-210.	0.6	33
30	Validation and implementation of a modular targeted capture assay for the detection of clinically significant molecular oncology alterations. <i>Practical Laboratory Medicine</i> , 2020, 19, e00153.	0.6	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. <i>Genome Medicine</i> , 2022, 14, 34.	3.6	27
32	The Undergraduate Training in Genomics (UTRIG) Initiative: early & active training for physicians in the genomic medicine era. <i>Personalized Medicine</i> , 2018, 15, 199-208.	0.8	25
33	Profiling PI3K-AKT-MTOR variants in focal brain malformations reveals new insights for diagnostic care. <i>Brain</i> , 2022, 145, 925-938.	3.7	25
34	SwabExpress: An End-to-End Protocol for Extraction-Free COVID-19 Testing. <i>Clinical Chemistry</i> , 2021, 68, 143-152.	1.5	24
35	Development of an Immunoassay for the Kidney-Specific Protein myo-Inositol Oxygenase, a Potential Biomarker of Acute Kidney Injury. <i>Clinical Chemistry</i> , 2014, 60, 747-757.	1.5	23
36	Children with DIPG and high-grade glioma treated with temozolomide, irinotecan, and bevacizumab: the Seattle Children's Hospital experience. <i>Journal of Neuro-Oncology</i> , 2020, 148, 607-617.	1.4	21

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37	Call for improvement in medical school training in genetics: results of a national survey. <i>Genetics in Medicine</i> , 2021, 23, 1151-1157.	1.1	19
38	Cardiovascular disease testing on the Dimension Vista [®] system: Biomarkers of acute coronary syndromes. <i>Clinical Biochemistry</i> , 2009, 42, 1444-1451.	0.8	17
39	Direct-to-Consumer Genetic Testing: Reliable or Risky?. <i>Clinical Chemistry</i> , 2011, 57, 1641-1644.	1.5	16
40	Expression of the Na ⁺ /K ⁺ -transporting ATPase gamma subunit FXD2 in renal tumors. <i>Modern Pathology</i> , 2013, 26, 716-724.	2.9	16
41	Diagnostic Utility of Targeted Next-generation Sequencing in Problematic Cases. <i>American Journal of Surgical Pathology</i> , 2014, 38, 534-541.	2.1	16
42	Validation of Lamellar Body Counts Using Three Hematology Analyzers. <i>American Journal of Clinical Pathology</i> , 2010, 134, 420-428.	0.4	15
43	Design of a Genomics Curriculum: Competencies for Practicing Pathologists. <i>Archives of Pathology and Laboratory Medicine</i> , 2015, 139, 894-900.	1.2	15
44	Giant Pediatric Rhabdoid Meningioma Associated with a Germline BAP1 Pathogenic Variation: A Rare Clinical Case. <i>World Neurosurgery</i> , 2018, 119, 402-415.	0.7	12
45	Clinical genomicist workstation. <i>AMIA Summits on Translational Science Proceedings</i> , 2013, 2013, 156-7.	0.4	11
46	Recurrent EGFR alterations in NTRK3 fusion negative congenital mesoblastic nephroma. <i>Practical Laboratory Medicine</i> , 2020, 21, e00164.	0.6	9
47	The impact of maternal autoimmune disease on cell-free DNA test characteristics. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2021, 3, 100466.	1.3	9
48	Increased Frequency of Heterozygous Alpha ₁ -Antitrypsin Deficiency in Liver Explants From Nonalcoholic Steatohepatitis Patients. <i>Liver Transplantation</i> , 2020, 26, 17-24.	1.3	8
49	At Preeclampsia Diagnosis, Total Cell-free DNA Concentration is Elevated and Correlates With Disease Severity. <i>Journal of the American Heart Association</i> , 2021, 10, e021477.	1.6	8
50	High-resolution profiling of human cytomegalovirus cell-free DNA in human plasma highlights its exceptionally fragmented nature. <i>Scientific Reports</i> , 2020, 10, 3734.	1.6	7
51	Low fetal fraction in obese women at first trimester cell-free DNA based prenatal screening is not accompanied by differences in total cell-free DNA. <i>Prenatal Diagnosis</i> , 2021, 41, 1277-1286.	1.1	7
52	Integration of Genomic Medicine in Pathology Resident Training. <i>American Journal of Clinical Pathology</i> , 2020, 154, 784-791.	0.4	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. <i>Blood</i> , 2015, 126, 2793-2793.	0.6	5
54	Diagnostic testing approaches for the identification of patients with TRK fusion cancer prior to enrollment in clinical trials investigating larotrectinib. <i>Cancer Genetics</i> , 2022, 260-261, 46-52.	0.2	5

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55	Targeted Next-Generation Sequencing of Acute Leukemia. <i>Methods in Molecular Biology</i> , 2017, 1633, 163-184.	0.4	4
56	Trillions and Trillions: Herpes Simplex Virus-1 Hepatitis in an Immunocompetent Adult. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz465.	0.4	4
57	ETRAP (efficient trapping and purification) of target protein polyclonal antibodies from GST-protein immune sera ¹ . <i>Biotechnology and Applied Biochemistry</i> , 2010, 57, 127-138.	1.4	3
58	Premenopausal Amenorrhea: What's in a Number?. <i>Clinical Chemistry</i> , 2014, 60, 29-33.	1.5	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. <i>Scientific Reports</i> , 2022, 12, 5386.	1.6	3
60	The Seattle Flu Study: when regulations hinder pandemic surveillance. <i>Nature Medicine</i> , 2022, 28, 7-8.	15.2	3
61	Association of fetal fraction with hypertensive disorders of pregnancy incidence and disease severity. <i>American Journal of Obstetrics & Gynecology MFM</i> , 2022, 4, 100671.	1.3	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. <i>JCO Precision Oncology</i> , 2018, 2, 1-13.	1.5	2
63	Molecularly Targeted Treatments for NF1-Mutant Diffuse Intrinsic Pontine Glioma. <i>journal of applied laboratory medicine, The</i> , 2021, 6, 550-553.	0.6	2
64	Comparable Specimen Collection from Both Ends of At-Home Midturbinate Swabs. <i>Journal of Clinical Microbiology</i> , 2021, 59, .	1.8	2
65	Swab-Free Transport as an Optimized Preanalytical Workflow for SARS-CoV-2 Amplification. <i>journal of applied laboratory medicine, The</i> , 2021, 6, 606-613.	0.6	2
66	Two cases of pineal anlage tumor with molecular analysis. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29596.	0.8	2
67	Direct-to-Consumer Cardiac Screening Tests: User Beware. <i>Clinical Chemistry</i> , 2012, 58, 1068-1069.	1.5	1
68	Clinical utility of miRNAs in diagnosis and prognosis. <i>Clinical Biochemistry</i> , 2013, 46, 839.	0.8	1
69	Newborn Screening by Whole-Genome Sequencing: Ready for Prime Time?. <i>Clinical Chemistry</i> , 2014, 60, 1243-1244.	1.5	1
70	Intrauterine Fetal Growth Restriction and Oligohydramnios of Undetermined Etiology. <i>journal of applied laboratory medicine, The</i> , 2017, 1, 576-580.	0.6	1
71	Real-Time PCR to Detect Î±-1 Antitrypsin S and Z Alleles in Formalin-Fixed Paraffin-Embedded Tissue. <i>journal of applied laboratory medicine, The</i> , 2018, 3, 18-25.	0.6	1
72	Postmortem Somatic Sequencing of Tumors From Patients With Suspected Lynch Syndrome Has Clinical Utility for Surviving Relatives. <i>JCO Precision Oncology</i> , 2018, 2, 1-7.	1.5	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.	0.6	1
74	Commentary. Clinical Chemistry, 2020, 66, 52-52.	1.5	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.	1.4	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.	0.8	1
77	Evaluation of Patient Demographics in Clinical Cancer Genomic Testing. journal of applied laboratory medicine, The, 2021, 6, 119-124.	0.6	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.	1.2	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, .	0.7	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.	1.2	1
81	Commentary. Clinical Chemistry, 2014, 60, 305-306.	1.5	0
82	A 5-Month-Old Boy with Delay in Growth and Development and Decreased Muscle Tone. Clinical Chemistry, 2015, 61, 50-54.	1.5	0
83	Unexpected Challenges in Noninvasive Prenatal Testing. Clinical Chemistry, 2015, 61, 1551-1552.	1.5	0
84	An Informatics Research Roadmap to Facilitate Precision Medicine. Clinical Chemistry, 2016, 62, 1282-1283.	1.5	0
85	Commentary on Sequence Now, Later, or Never?. Clinical Chemistry, 2020, 66, 886-886.	1.5	0
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.	0.6	0
87	Utilization Management of Genetic Testing. , 2017, , 219-233.		0
88	OUP accepted manuscript. Clinical Chemistry, 2022, 68, 627-632.	1.5	0
89	HGG-62. Molecularly guided treatment of mismatch repair-deficient pediatric brain tumors. Neuro-Oncology, 2022, 24, i76-i76.	0.6	0
90	Congenital Infantile Fibrosarcoma Involving Pelvic Wall and Thigh Soft Tissues and Placenta, Presenting with Coagulopathy. Pediatric and Developmental Pathology, 0, , 109352662211140.	0.5	0