Gwendolyn A Mcmillin

List of Publications by Year
in descending order

42 papers	750 citations	516215 16 h-index	552369 26 g-index
42 all docs	42 docs citations	42 times ranked	933 citing authors

#	Article	IF	Citations
1	Direct Measurement of Free Copper in Serum or Plasma Ultrafiltrate. American Journal of Clinical Pathology, 2009, 131, 160-165.	0.4	97
2	Characterization of Reference Materials for Genetic Testing of CYP2D6 Alleles. Journal of Molecular Diagnostics, 2019, 21, 1034-1052.	1.2	55
3	Advances in anti-epileptic drug testing. Clinica Chimica Acta, 2014, 436, 224-236.	0.5	54
4	Detection of Drug-Exposed Newborns. Therapeutic Drug Monitoring, 2018, 40, 166-185.	1.0	44
5	Gene-Based Warfarin Dosing Compared With Standard of Care Practices in an Orthopedic Surgery Population: A Prospective, Parallel Cohort Study. Therapeutic Drug Monitoring, 2010, 32, 338-345.	1.0	41
6	Patterns of Free (Unconjugated) Buprenorphine, Norbuprenorphine, and Their Glucuronides in Urine Using Liquid Chromatography-Tandem Mass Spectrometry. Journal of Analytical Toxicology, 2012, 36, 81-87.	1.7	41
7	A Hybrid Approach to Urine Drug Testing Using High-Resolution Mass Spectrometry and Select Immunoassays. American Journal of Clinical Pathology, 2015, 143, 234-240.	0.4	35
8	Detection of Neonatal Drug Exposure Using Umbilical Cord Tissue and Liquid Chromatography Time-of-Flight Mass Spectrometry. Therapeutic Drug Monitoring, 2014, 36, 119-124.	1.0	32
9	Patterns of Drugs and Drug Metabolites Observed in Meconium. Therapeutic Drug Monitoring, 2015, 37, 568-580.	1.0	32
10	Executive Summary: American Association of Clinical Chemistry Laboratory Medicine Practice Guidelineâ€"Using Clinical Laboratory Tests to Monitor Drug Therapy in Pain Management Patients. journal of applied laboratory medicine, The, 2018, 2, 489-526.	0.6	28
11	Nicotine and Metabolites in Paired Umbilical Cord Tissue and Meconium Specimens. Therapeutic Drug Monitoring, 2011, 33, 80-85.	1.0	25
12	Stability of 21 Cocaine, Opioid and Benzodiazepine Drug Analytes in Spiked Meconium at Three Temperatures. Journal of Analytical Toxicology, 2017, 41, 196-204.	1.7	23
13	Clinical pharmacogenomics testing in the era of next generation sequencing: challenges and opportunities for precision medicine. Expert Review of Molecular Diagnostics, 2018, 18, 411-421.	1.5	23
14	Demystifying Analytical Approaches for Urine Drug Testing to Evaluate Medication Adherence in Chronic Pain Management. Journal of Pain and Palliative Care Pharmacotherapy, 2013, 27, 322-339.	0.5	21
15	Reference Interval Determination for Anabasine: A Biomarker of Active Tobacco Use. Journal of Analytical Toxicology, 2014, 38, 416-420.	1.7	19
16	Meconium Drug Testing in Multiple Births in the USA. Journal of Analytical Toxicology, 2014, 38, 397-403.	1.7	18
17	Multigene and Drug Interaction Approach for Tamoxifen Metabolite Patterns Reveals Possible Involvement of CYP2C9, CYP2C19, and ABCB1. Journal of Clinical Pharmacology, 2016, 56, 1570-1581.	1.0	17
18	Clinical pharmacogenomic testing and reporting: A technical standard of the American College of Medical Genetics and Genomics (ACMG). Genetics in Medicine, 2022, 24, 759-768.	1.1	16

#	Article	IF	Citations
19	Analytical Performance of a New Liquid Chromatography/Tandem Mass Spectrometric Method for Determination of Everolimus Concentrations in Whole Blood. Therapeutic Drug Monitoring, 2012, 34, 222-226.	1.0	14
20	Current challenges in personalizing warfarin therapy. Expert Review of Clinical Pharmacology, 2011, 4, 349-362.	1.3	13
21	Development of a Liquid Chromatographyâ€“Tandem Mass Spectrometry Method for the Simultaneous Determination of Four Cannabinoids in Umbilical Cord Tissue. Journal of Analytical Toxicology, 2018, 42, 42-48.	1.7	13
22	Development of a liquid chromatographyâ€“tandem mass spectrometry method to address the increased utilization of umbilical cord in the assessment of in utero drug exposure. Clinical Biochemistry, 2016, 49, 1092-1095.	0.8	12
23	Detection of in utero Exposure to Cannabis in Paired Umbilical Cord Tissue and Meconium by Liquid Chromatography-Tandem Mass Spectrometry. Clinical Mass Spectrometry, 2019, 14, 115-123.	1.9	11
24	Interpretation and Utility of Drug of Abuse Screening Immunoassays: Insights From Laboratory Drug Testing Proficiency Surveys. Archives of Pathology and Laboratory Medicine, 2020, 144, 177-184.	1.2	11
25	Effect of Low-Intensity vs Standard-Intensity Warfarin Prophylaxis on Venous Thromboembolism or Death Among Patients Undergoing Hip or Knee Arthroplasty. JAMA - Journal of the American Medical Association, 2019, 322, 834.	3.8	9
26	Cost effectiveness of therapeutic drug monitoring for imatinib administration in chronic myeloid leukemia. PLoS ONE, 2019, 14, e0226552.	1.1	9
27	Patterns of Neonatal Co-Exposure to Gabapentin and Commonly Abused Drugs Observed in Umbilical Cord Tissue. Journal of Analytical Toxicology, 2021, 45, 506-512.	1.7	6
28	Detection of In Utero Cannabis Exposure in Umbilical Cord Tissue by a Sensitive Liquid Chromatography-Tandem Mass Spectrometry Method. Methods in Molecular Biology, 2019, 1872, 211-222.	0.4	5
29	Demand for Interpretation of a Urine Drug Testing Panel Reflects the Changing Landscape of Clinical Needs; Opportunities for the Laboratory to Provide Added Clinical Value. journal of applied laboratory medicine, The, 2020, 5, 858-868.	0.6	5
30	Genotype and Phenotype Concordance for Pharmacogenetic Tests Through Proficiency Survey Testing. Archives of Pathology and Laboratory Medicine, 2020, 144, 1057-1066.	1.2	5
31	Can Umbilical Cord and Meconium Results Be Directly Compared? Analytical Approach Matters. Journal of Analytical Toxicology, 2023, 47, 96-105.	1.7	4
32	Risk-Based Newborn Drug Testing in a Setting With a Low Prevalence of Maternal Drug Use. Hospital Pediatrics, 2019, 9, 593-600.	0.6	3
33	Impact of the Opioid Epidemic on Drug Testing. Therapeutic Drug Monitoring, 2021, 43, 14-24.	1.0	3
34	Endogenous and iatrogenic sources of variability in response to opioid therapy in Post-Surgical and injured orthopedic patients. Clinica Chimica Acta, 2021, 522, 105-113.	0.5	2
35	Drug Detection in Urine for Evaluating Exposureâ€”No Limits!. journal of applied laboratory medicine, The, 2018, 2, 648-652.	0.6	1
36	Quantitation of Ethyl-Î²-d-Glucuronide in Human Umbilical Cord Tissue by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS). Methods in Molecular Biology, 2019, 1872, 223-236.	0.4	1

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37	Umbilical Cord Drug Screening in Multiple Births: Experience from a Reference Laboratory and Academic Medical Center. Journal of Analytical Toxicology, 2021, , .	1.7	1
38	Cost-Effectiveness of Therapeutic Drug Monitoring for Imatinib Administration in Patients with Chronic Myeloid Leukemia. Blood, 2018, 132, 3547-3547.	0.6	1
39	Commentary. Clinical Chemistry, 2013, 59, 616-616.	1.5	0
40	31: Impact of Multiple CYP Variants on Tamoxifen Metabolite Concentrations. American Journal of Clinical Pathology, 2015, 143, A015-A015.	0.4	0
41	Pharmacogenetics of Opioid Use and Implications for Pain Managementâ€"Are We Ready?. journal of applied laboratory medicine, The, 2018, 2, 481-484.	0.6	0
42	Connected by the cordâ€"comparison of drug positivity rates and concentrations in a large cohort of paired umbilical cord and meconium specimens. American Journal of Clinical Pathology, 2021, 156, S3-S3.	0.4	0