

Gwendolyn A Mcmillin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39
papers

525
citations

15
h-index

22
g-index

42
ext. papers

659
ext. citations

3.5
avg, IF

3.93
L-index

#	Paper	IF	Citations
39	Direct measurement of free copper in serum or plasma ultrafiltrate. <i>American Journal of Clinical Pathology</i> , 2009 , 131, 160-5	1.9	83
38	Advances in anti-epileptic drug testing. <i>Clinica Chimica Acta</i> , 2014 , 436, 224-36	6.2	42
37	Gene-based warfarin dosing compared with standard of care practices in an orthopedic surgery population: a prospective, parallel cohort study. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 338-45	3.2	39
36	A hybrid approach to urine drug testing using high-resolution mass spectrometry and select immunoassays. <i>American Journal of Clinical Pathology</i> , 2015 , 143, 234-40	1.9	32
35	Patterns of free (unconjugated) buprenorphine, norbuprenorphine, and their glucuronides in urine using liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 81-7 ^{2.9}		32
34	Patterns of Drugs and Drug Metabolites Observed in Meconium: What Do They Mean?. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 568-80	3.2	28
33	Characterization of Reference Materials for Genetic Testing of CYP2D6 Alleles: A GeT-RM Collaborative Project. <i>Journal of Molecular Diagnostics</i> , 2019 , 21, 1034-1052	5.1	23
32	Detection of neonatal drug exposure using umbilical cord tissue and liquid chromatography time-of-flight mass spectrometry. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 119-24	3.2	23
31	Detection of Drug-Exposed Newborns. <i>Therapeutic Drug Monitoring</i> , 2018 , 40, 166-185	3.2	23
30	Nicotine and metabolites in paired umbilical cord tissue and meconium specimens. <i>Therapeutic Drug Monitoring</i> , 2011 , 33, 80-5	3.2	21
29	Demystifying analytical approaches for urine drug testing to evaluate medication adherence in chronic pain management. <i>Journal of Pain and Palliative Care Pharmacotherapy</i> , 2013 , 27, 322-39	0.8	18
28	Stability of 21 Cocaine, Opioid and Benzodiazepine Drug Analytes in Spiked Meconium at Three Temperatures. <i>Journal of Analytical Toxicology</i> , 2017 , 41, 196-204	2.9	17
27	Clinical pharmacogenomics testing in the era of next generation sequencing: challenges and opportunities for precision medicine. <i>Expert Review of Molecular Diagnostics</i> , 2018 , 18, 411-421	3.8	16
26	Executive Summary: American Association of Clinical Chemistry Laboratory Medicine Practice Guideline-Using Clinical Laboratory Tests to Monitor Drug Therapy in Pain Management Patients. <i>Journal of Applied Laboratory Medicine</i> , 2018 , 2, 489-526	2	16
25	Meconium drug testing in multiple births in the USA. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 397-403	2.9	16
24	Multigene and Drug Interaction Approach for Tamoxifen Metabolite Patterns Reveals Possible Involvement of CYP2C9, CYP2C19, and ABCB1. <i>Journal of Clinical Pharmacology</i> , 2016 , 56, 1570-1581	2.9	15
23	Analytical performance of a new liquid chromatography/tandem mass spectrometric method for determination of everolimus concentrations in whole blood. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 222-6 ^{3.2}		12

22	Current challenges in personalizing warfarin therapy. <i>Expert Review of Clinical Pharmacology</i> , 2011 , 4, 349-62	3.8	11
21	Development of a Liquid Chromatography-Tandem Mass Spectrometry Method for the Simultaneous Determination of Four Cannabinoids in Umbilical Cord Tissue. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 42-48	2.9	10
20	Reference interval determination for anabasine: a biomarker of active tobacco use. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 416-20	2.9	9
19	Development of a liquid chromatography-tandem mass spectrometry method to address the increased utilization of umbilical cord in the assessment of in utero drug exposure. <i>Clinical Biochemistry</i> , 2016 , 49, 1092-5	3.5	9
18	Interpretation and Utility of Drug of Abuse Screening Immunoassays: Insights From Laboratory Drug Testing Proficiency Surveys. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 177-184	5	6
17	Effect of Low-Intensity vs Standard-Intensity Warfarin Prophylaxis on Venous Thromboembolism or Death Among Patients Undergoing Hip or Knee Arthroplasty: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 322, 834-842	27.4	5
16	Detection of Exposure to Cannabis in Paired Umbilical Cord Tissue and Meconium by Liquid Chromatography-Tandem Mass Spectrometry.. <i>Clinical Mass Spectrometry</i> , 2019 , 14 Pt B, 115-123	1.9	5
15	Cost effectiveness of therapeutic drug monitoring for imatinib administration in chronic myeloid leukemia. <i>PLoS ONE</i> , 2019 , 14, e0226552	3.7	3
14	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. <i>journal of applied laboratory medicine, The</i> , 2020 , 5, 858-868	2	2
13	Risk-Based Newborn Drug Testing in a Setting With a Low Prevalence of Maternal Drug Use. <i>Hospital Pediatrics</i> , 2019 , 9, 593-600	2.5	2
12	Detection of In Utero Cannabis Exposure in Umbilical Cord Tissue by a Sensitive Liquid Chromatography-Tandem Mass Spectrometry Method. <i>Methods in Molecular Biology</i> , 2019 , 1872, 211-222	1.4	2
11	Genotype and Phenotype Concordance for Pharmacogenetic Tests Through Proficiency Survey Testing. <i>Archives of Pathology and Laboratory Medicine</i> , 2020 , 144, 1057-1066	5	1
10	Cost-Effectiveness of Therapeutic Drug Monitoring for Imatinib Administration in Patients with Chronic Myeloid Leukemia. <i>Blood</i> , 2018 , 132, 3547-3547	2.2	1
9	Impact of the Opioid Epidemic on Drug Testing. <i>Therapeutic Drug Monitoring</i> , 2021 , 43, 14-24	3.2	1
8	Drug Detection in Urine for Evaluating Exposure-No Limits!. <i>journal of applied laboratory medicine, The</i> , 2018 , 2, 648-652	2	1
7	Endogenous and iatrogenic sources of variability in response to opioid therapy in Post-Surgical and injured orthopedic patients. <i>Clinica Chimica Acta</i> , 2021 , 522, 105-113	6.2	1
6	Quantitation of Ethyl-ED-Glucuronide in Human Umbilical Cord Tissue by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS). <i>Methods in Molecular Biology</i> , 2019 , 1872, 223-236	1.4	0
5	Patterns of Neonatal Co-Exposure to Gabapentin and Commonly Abused Drugs Observed in Umbilical Cord Tissue. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 506-512	2.9	0

- 4 31: Impact of Multiple CYP Variants on Tamoxifen Metabolite Concentrations. *American Journal of Clinical Pathology*, **2015**, 143, A015-A015 1.9
- 3 Commentary. *Clinical Chemistry*, **2013**, 59, 616 5.5
- 2 Connected by the cord—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 1.9
- 1 Pharmacogenetics of Opioid Use and Implications for Pain Management—Are We Ready?. *Journal of Applied Laboratory Medicine*, **2018**, 2, 481-484 2