

# Gwendolyn A Mcmillin

## List of Publications by Year in Descending Order

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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	Connected by the cord: comparison of drug positivity rates and concentrations in a large cohort of paired umbilical cord and meconium specimens. <i>American Journal of Clinical Pathology</i> , <b>2021</b> , 156, S3-S3	1.9	0
38	Patterns of Neonatal Co-Exposure to Gabapentin and Commonly Abused Drugs Observed in Umbilical Cord Tissue. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 506-512	2.9	0
37	Impact of the Opioid Epidemic on Drug Testing. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 14-24	3.2	1
36	Endogenous and iatrogenic sources of variability in response to opioid therapy in Post-Surgical and injured orthopedic patients. <i>Clinica Chimica Acta</i> , <b>2021</b> , 522, 105-113	6.2	1
35	Genotype and Phenotype Concordance for Pharmacogenetic Tests Through Proficiency Survey Testing. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2020</b> , 144, 1057-1066	5	1
34	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> , <b>2020</b> , 5, 858-868	2	2
33	Interpretation and Utility of Drug of Abuse Screening Immunoassays: Insights From Laboratory Drug Testing Proficiency Surveys. <i>Archives of Pathology and Laboratory Medicine</i> , <b>2020</b> , 144, 177-184	5	6
32	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> , <b>2019</b> , 322, 834-842	27.4	5
31	Detection of Exposure to Cannabis in Paired Umbilical Cord Tissue and Meconium by Liquid Chromatography-Tandem Mass Spectrometry.. <i>Clinical Mass Spectrometry</i> , <b>2019</b> , 14 Pt B, 115-123	1.9	5
30	Characterization of Reference Materials for Genetic Testing of CYP2D6 Alleles: A GeT-RM Collaborative Project. <i>Journal of Molecular Diagnostics</i> , <b>2019</b> , 21, 1034-1052	5.1	23
29	Risk-Based Newborn Drug Testing in a Setting With a Low Prevalence of Maternal Drug Use. <i>Hospital Pediatrics</i> , <b>2019</b> , 9, 593-600	2.5	2
28	Cost effectiveness of therapeutic drug monitoring for imatinib administration in chronic myeloid leukemia. <i>PLoS ONE</i> , <b>2019</b> , 14, e0226552	3.7	3
27	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> , <b>2019</b> , 1872, 211-222	1.4	2
26	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> , <b>2019</b> , 1872, 223-236	1.4	0
25	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> , <b>2018</b> , 42, 42-48	2.9	10
24	Clinical pharmacogenomics testing in the era of next generation sequencing: challenges and opportunities for precision medicine. <i>Expert Review of Molecular Diagnostics</i> , <b>2018</b> , 18, 411-421	3.8	16
23	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, The</i> , <b>2018</b> , 2, 489-526	2	16

22	Cost-Effectiveness of Therapeutic Drug Monitoring for Imatinib Administration in Patients with Chronic Myeloid Leukemia. <i>Blood</i> , <b>2018</b> , 132, 3547-3547	2.2	1
21	Pharmacogenetics of Opioid Use and Implications for Pain Management-Are We Ready?. <i>Journal of applied laboratory medicine, The</i> , <b>2018</b> , 2, 481-484	2	
20	Detection of Drug-Exposed Newborns. <i>Therapeutic Drug Monitoring</i> , <b>2018</b> , 40, 166-185	3.2	23
19	Drug Detection in Urine for Evaluating Exposure-No Limits!. <i>Journal of applied laboratory medicine, The</i> , <b>2018</b> , 2, 648-652	2	1
18	Stability of 21 Cocaine, Opioid and Benzodiazepine Drug Analytes in Spiked Meconium at Three Temperatures. <i>Journal of Analytical Toxicology</i> , <b>2017</b> , 41, 196-204	2.9	17
17	Multigene and Drug Interaction Approach for Tamoxifen Metabolite Patterns Reveals Possible Involvement of CYP2C9, CYP2C19, and ABCB1. <i>Journal of Clinical Pharmacology</i> , <b>2016</b> , 56, 1570-1581	2.9	15
16	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> , <b>2016</b> , 49, 1092-5	3.5	9
15	A hybrid approach to urine drug testing using high-resolution mass spectrometry and select immunoassays. <i>American Journal of Clinical Pathology</i> , <b>2015</b> , 143, 234-40	1.9	32
14	Patterns of Drugs and Drug Metabolites Observed in Meconium: What Do They Mean?. <i>Therapeutic Drug Monitoring</i> , <b>2015</b> , 37, 568-80	3.2	28
13	31: Impact of Multiple CYP Variants on Tamoxifen Metabolite Concentrations. <i>American Journal of Clinical Pathology</i> , <b>2015</b> , 143, A015-A015	1.9	
12	Meconium drug testing in multiple births in the USA. <i>Journal of Analytical Toxicology</i> , <b>2014</b> , 38, 397-403	2.9	16
11	Advances in anti-epileptic drug testing. <i>Clinica Chimica Acta</i> , <b>2014</b> , 436, 224-36	6.2	42
10	Reference interval determination for anabasine: a biomarker of active tobacco use. <i>Journal of Analytical Toxicology</i> , <b>2014</b> , 38, 416-20	2.9	9
9	Detection of neonatal drug exposure using umbilical cord tissue and liquid chromatography time-of-flight mass spectrometry. <i>Therapeutic Drug Monitoring</i> , <b>2014</b> , 36, 119-24	3.2	23
8	Commentary. <i>Clinical Chemistry</i> , <b>2013</b> , 59, 616	5.5	
7	Demystifying analytical approaches for urine drug testing to evaluate medication adherence in chronic pain management. <i>Journal of Pain and Palliative Care Pharmacotherapy</i> , <b>2013</b> , 27, 322-39	0.8	18
6	Patterns of free (unconjugated) buprenorphine, norbuprenorphine, and their glucuronides in urine using liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , <b>2012</b> , 36, 81-7	2.9	32
5	Analytical performance of a new liquid chromatography/tandem mass spectrometric method for determination of everolimus concentrations in whole blood. <i>Therapeutic Drug Monitoring</i> , <b>2012</b> , 34, 222-8	3.2	12

4	Nicotine and metabolites in paired umbilical cord tissue and meconium specimens. <i>Therapeutic Drug Monitoring</i> , <b>2011</b> , 33, 80-5	3.2	21
3	Current challenges in personalizing warfarin therapy. <i>Expert Review of Clinical Pharmacology</i> , <b>2011</b> , 4, 349-62	3.8	11
2	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> , <b>2010</b> , 32, 338-45	3.2	39
1	Direct measurement of free copper in serum or plasma ultrafiltrate. <i>American Journal of Clinical Pathology</i> , <b>2009</b> , 131, 160-5	1.9	83