

Jennifer M Colby

List of Publications by Year in descending order

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33
papers

443
citations

759233

12
h-index

752698

20
g-index

33
all docs

33
docs citations

33
times ranked

466
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Information-Dependent Acquisition on a Tandem Quadrupole TOF vs a Triple Quadrupole Linear Ion Trap Mass Spectrometer for Broad-Spectrum Drug Screening. <i>Clinical Chemistry</i> , 2016, 62, 170-178.	3.2	68
2	Comparison of umbilical cord tissue and meconium for the confirmation of in utero drug exposure. <i>Clinical Biochemistry</i> , 2017, 50, 784-790.	1.9	49
3	Detection of Drug-Exposed Newborns. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 166-185.	2.0	44
4	Cardiogenic shock after use of fluoroamphetamine confirmed with serum and urine levels. <i>Clinical Toxicology</i> , 2014, 52, 1292-1295.	1.9	33
5	Suspect Screening Using LC-MS/MS Is a Useful Tool for Detecting Drugs in Biological Samples. <i>Journal of Analytical Toxicology</i> , 2018, 42, 207-213.	2.8	29
6	Evaluation of procalcitonin immunoassay concordance near clinical decision points. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 1414-1421.	2.3	24
7	Optimization and Validation of High-Resolution Mass Spectrometry Data Analysis Parameters. <i>Journal of Analytical Toxicology</i> , 2017, 41, 01-05.	2.8	23
8	Rapid Assessment of Drugs of Abuse. <i>Advances in Clinical Chemistry</i> , 2017, 80, 193-225.	3.7	20
9	Discovering Cross-Reactivity in Urine Drug Screening Immunoassays through Large-Scale Analysis of Electronic Health Records. <i>Clinical Chemistry</i> , 2019, 65, 1522-1531.	3.2	17
10	Mass spectrometry in emergency toxicology: Current state and future applications. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2019, 56, 225-238.	6.1	15
11	Massive Naproxen Overdose with Serial Serum Levels. <i>Journal of Medical Toxicology</i> , 2015, 11, 102-105.	1.5	14
12	Voxelotor (GBT440) produces interference in measurements of hemoglobin S. <i>Clinica Chimica Acta</i> , 2018, 482, 57-59.	1.1	14
13	Umbilical Cord Tissue and Meconium May Not Be Equivalent for Confirming in Utero Substance Exposure. <i>Journal of Pediatrics</i> , 2019, 205, 277-280.	1.8	14
14	Commonly used fluoroquinolones cross-react with urine drug screens for opiates, buprenorphine, and amphetamines. <i>Clinical Biochemistry</i> , 2019, 68, 50-54.	1.9	10
15	Targeted Strategy to Analyze Antiepileptic Drugs in Human Serum by LC-MS/MS and LC-Ion Mobility-MS. <i>Analytical Chemistry</i> , 2020, 92, 14648-14656.	6.5	9
16	Use of a Procalcitonin-guided Antibiotic Treatment Algorithm in the Pediatric Intensive Care Unit. <i>Pediatric Infectious Disease Journal</i> , 2021, 40, 333-337.	2.0	9
17	Dynamic Phenylalanine Clamp Interactions Define Single-Channel Polypeptide Translocation through the Anthrax Toxin Protective Antigen Channel. <i>Journal of Molecular Biology</i> , 2017, 429, 900-910.	4.2	8
18	Voxelotor Treatment Interferes With Quantitative and Qualitative Hemoglobin Variant Analysis in Multiple Sickle Cell Disease Genotypes. <i>American Journal of Clinical Pathology</i> , 2020, 154, 627-634.	0.7	8

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19	Drug Screening Using Liquid Chromatography Quadrupole Time-of-Flight (LC-QqTOF) Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2019, 1872, 181-190.	0.9	7
20	Institutional Training Opportunities for PhD Students in Laboratory Medicine: An Unmet Career Development Need?. <i>journal of applied laboratory medicine, The</i> , 2020, 5, 412-416.	1.3	6
21	Improvement of drug identification in urine by LC-QqTOF using a probability-based library search algorithm. <i>Clinical Mass Spectrometry</i> , 2017, 3, 7-12.	1.9	5
22	Analysis of Codeine Positivity in Urine of Pain Management Patients. <i>Journal of Analytical Toxicology</i> , 2015, 39, 407-410.	2.8	4
23	Agreement Between Two Procalcitonin Assays in Hospitalized Children. <i>Infectious Diseases and Therapy</i> , 2019, 8, 463-468.	4.0	4
24	Spuriously Elevated 25-Hydroxyvitamin D in Lithium Heparin Plasma Samples Transported by Courier. <i>journal of applied laboratory medicine, The</i> , 2018, 2, 809-811.	1.3	3
25	A Computational Approach to Identify Interfering Medications on Urine Drug Screening Assays without Data from Confirmatory Testing. <i>Journal of Analytical Toxicology</i> , 2021, 45, 325-330.	2.8	2
26	Analysis of Electronic Health Records Reveals Medication-Related Interference on Point-of-Care Urine Drug Screening Assays. <i>Journal of Analytical Toxicology</i> , 2022, 46, 99-102.	2.8	2
27	Hemoglobin D in a Patient with Sickle Cell Disease (Genotype HbSS). <i>journal of applied laboratory medicine, The</i> , 2018, 3, 140-143.	1.3	1
28	Unrecognized Hemoglobin Variants in the Donor Blood Supply Are Detectable in the Transfused Population. <i>American Journal of Clinical Pathology</i> , 2020, 154, 494-498.	0.7	1
29	Persistently Increased Alloisoleucine in a Patient with Seizures. <i>Clinical Chemistry</i> , 2018, 64, 1433-1437.	3.2	0
30	A Protocol to Validate Specimen Collection Tubes Without Requiring IRB Approval. <i>journal of applied laboratory medicine, The</i> , 2018, 2, 819-821.	1.3	0
31	Reply. <i>Journal of Pediatrics</i> , 2019, 209, 259.	1.8	0
32	A SYCL of Wellness. <i>journal of applied laboratory medicine, The</i> , 2020, 5, 1424-1425.	1.3	0
33	A "Split" Hemoglobin S Peak. <i>Clinical Chemistry</i> , 2020, 66, 1250-1251.	3.2	0