

Elizabeth I Hamelin

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

449
citations

686830

13
h-index

794141

19
g-index

20
all docs

20
docs citations

20
times ranked

483
citing authors

#	ARTICLE	IF	CITATIONS
1	The determination of organophosphonate nerve agent metabolites in human urine by hydrophilic interaction liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 852, 235-243.	1.2	86
2	Quantitation of five organophosphorus nerve agent metabolites in serum using hydrophilic interaction liquid chromatography and tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5195-5202.	1.9	43
3	Surveillance for Harmful Algal Bloom Events and Associated Human and Animal Illnesses "One Health Harmful Algal Bloom System, United States, 2016" 2018. <i>Morbidity and Mortality Weekly Report</i> , 2020, 69, 1889-1894.	9.0	33
4	Enhancing the response of alkyl methylphosphonic acids in negative electrospray ionization liquid chromatography tandem mass spectrometry by post-column addition of organic solvents. <i>Journal of the American Society for Mass Spectrometry</i> , 2007, 18, 1821-1826.	1.2	31
5	Quantification of saxitoxin in human blood by ELISA. <i>Toxicon</i> , 2017, 133, 110-115.	0.8	26
6	Detection of Î±-, Î²-, and Î³-amanitin in urine by LC-MS/MS using 15N10-Î±-amanitin as the internal standard. <i>Toxicon</i> , 2018, 152, 71-77.	0.8	26
7	Determination of Fentanyl Analog Exposure Using Dried Blood Spots with LC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2019, 43, 266-276.	1.7	26
8	Comparison of high-resolution and tandem mass spectrometry for the analysis of nerve agent metabolites in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1697-1704.	0.7	22
9	Comparison of two automated solid phase extractions for the detection of ten fentanyl analogs and metabolites in human urine using liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 962, 52-58.	1.2	22
10	Rapid, Sensitive, and Accurate Point-of-Care Detection of Lethal Amatoxins in Urine. <i>Toxins</i> , 2020, 12, 123.	1.5	19
11	Quantitation of fentanyl analogs in dried blood spots by flow-through desorption coupled to online solid phase extraction tandem mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 3876-3883.	1.3	16
12	Application of the fentanyl analog screening kit toward the identification of emerging synthetic opioids in human plasma and urine by LC-QTOF. <i>Toxicology Letters</i> , 2020, 320, 87-94.	0.4	16
13	Quantification of Microcystin-LR in Human Urine by Immunocapture Liquid Chromatography Tandem Mass Spectrometry. <i>Chemical Research in Toxicology</i> , 2018, 31, 898-903.	1.7	15
14	Designing traceable opioid material kits to improve laboratory testing during the U.S. opioid overdose crisis. <i>Toxicology Letters</i> , 2019, 317, 53-58.	0.4	13
15	Measurement of Microcystin and Nodularin Activity in Human Urine by Immunocapture-Protein Phosphatase 2A Assay. <i>Toxins</i> , 2019, 11, 729.	1.5	13
16	Investigation of dried blood sampling with liquid chromatography tandem mass spectrometry to confirm human exposure to nerve agents. <i>Analytica Chimica Acta</i> , 2018, 1033, 100-107.	2.6	11
17	Evaluation of Multiple Blood Matrices for Assessment of Human Exposure to Nerve Agents. <i>Journal of Analytical Toxicology</i> , 2016, 40, 229-235.	1.7	10
18	Quantification of monofluoroacetate and monochloroacetate in human urine by isotope dilution liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 1045-1050.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Bridging the gap between sample collection and laboratory analysis: using dried blood spots to identify human exposure to chemical agents. , 2016, 98630, 98630P-98630P9.		7
20	Use of Diagnostic Ions for the Detection of Fentanyl Analogs in Human Matrices by LC-MS/MS. Journal of the American Society for Mass Spectrometry, 2021, 32, 2852-2859.	1.2	6