

Melissa D Carter

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

368
citations

840776

11
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of acute toxic encephalopathy with litchi consumption in an outbreak in Muzaffarpur, India, 2014: a case-control study. <i>The Lancet Global Health</i> , 2017, 5, e458-e466.	6.3	83
2	An enhanced butyrylcholinesterase method to measure organophosphorus nerve agent exposure in humans. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5187-5194.	3.7	45
3	Direct Quantitation of Methyl Phosphonate Adducts to Human Serum Butyrylcholinesterase by Immunomagnetic-UHPLC-MS/MS. <i>Analytical Chemistry</i> , 2013, 85, 11106-11111.	6.5	40
4	High-Confidence Qualitative Identification of Organophosphorus Nerve Agent Adducts to Human Butyrylcholinesterase. <i>Analytical Chemistry</i> , 2017, 89, 1955-1964.	6.5	31
5	Detection of Î±-, Î²-, and Î³-amanitin in urine by LC-MS/MS using 15N10-Î±-amanitin as the internal standard. <i>Toxicol</i> , 2018, 152, 71-77.	1.6	26
6	Quantification of Metabolites for Assessing Human Exposure to Soapberry Toxins Hypoglycin A and Methylenecyclopropylglycine. <i>Chemical Research in Toxicology</i> , 2015, 28, 1753-1759.	3.3	25
7	Quantification of Toxins in Soapberry (Sapindaceae) Arils: Hypoglycin A and Methylenecyclopropylglycine. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 5607-5613.	5.2	25
8	Quantitation of orthoâ€resyl phosphate adducts to butyrylcholinesterase in human serum by immunomagneticâ€UHPLCâ€MS/MS. <i>Journal of Mass Spectrometry</i> , 2015, 50, 683-692.	1.6	16
9	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.	0.8	16
10	A highâ€throughput UHPLCâ€MS/MS method for the quantification of five aged butyrylcholinesterase biomarkers from human exposure to organophosphorus nerve agents. <i>Biomedical Chromatography</i> , 2017, 31, e3830.	1.7	15
11	Quantification of Ricinine and Abrine in Human Plasma by HPLCâ€MS-MS: Biomarkers of Exposure to Ricin and Abrin. <i>Journal of Analytical Toxicology</i> , 2018, 42, 630-636.	2.8	15
12	Designing traceable opioid materialâ€ kits to improve laboratory testing during the U.S. opioid overdose crisis. <i>Toxicology Letters</i> , 2019, 317, 53-58.	0.8	13
13	Rapid quantification of two chemical nerve agent metabolites in serum. <i>Biosensors and Bioelectronics</i> , 2019, 131, 119-127.	10.1	6
14	Quantification of hypoglycin A and methylenecyclopropylglycine in human plasma by HPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 112-118.	2.3	5
15	Quantitative HPLCâ€MS/MS analysis of toxins in soapberry seeds: Methylenecyclopropylglycine and hypoglycin A. <i>Food Chemistry</i> , 2018, 264, 449-454.	8.2	5
16	Supplemental Learning in the Laboratory: An Innovative Approach for Evaluating Knowledge and Method Transfer. <i>Journal of Chemical Education</i> , 2017, 94, 1094-1097.	2.3	1
17	The Effects of Gamma Irradiation on Chemical Biomarker Recovery from Mixed Chemical/Biological Threat Exposure Specimens. <i>Journal of Applied Laboratory Medicine</i> , 2020, 5, 273-280.	1.3	1