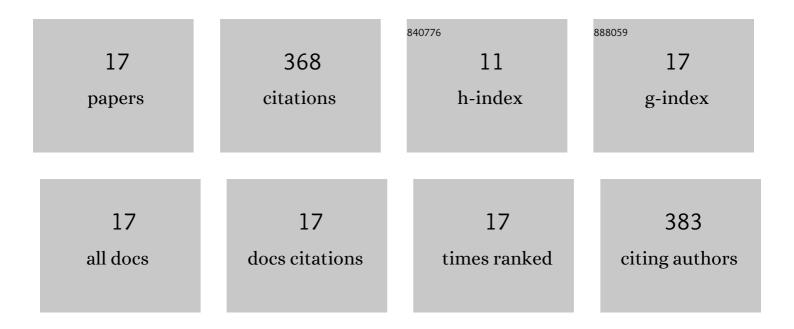
Melissa D Carter

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Association of acute toxic encephalopathy with litchi consumption in an outbreak in Muzaffarpur, India, 2014: a case-control study. The Lancet Global Health, 2017, 5, e458-e466.	6.3	83
2	An enhanced butyrylcholinesterase method to measure organophosphorus nerve agent exposure in humans. Analytical and Bioanalytical Chemistry, 2014, 406, 5187-5194.	3.7	45
3	Direct Quantitation of Methyl Phosphonate Adducts to Human Serum Butyrylcholinesterase by Immunomagnetic-UHPLC-MS/MS. Analytical Chemistry, 2013, 85, 11106-11111.	6.5	40
4	High-Confidence Qualitative Identification of Organophosphorus Nerve Agent Adducts to Human Butyrylcholinesterase. Analytical Chemistry, 2017, 89, 1955-1964.	6.5	31
5	Detection of α-, β-, and γ-amanitin in urine by LC-MS/MS using 15N10-α-amanitin as the internal standard. Toxicon, 2018, 152, 71-77.	1.6	26
6	Quantification of Metabolites for Assessing Human Exposure to Soapberry Toxins Hypoglycin A and Methylenecyclopropylglycine. Chemical Research in Toxicology, 2015, 28, 1753-1759.	3.3	25
7	Quantification of Toxins in Soapberry (Sapindaceae) Arils: Hypoglycin A and Methylenecyclopropylglycine. Journal of Agricultural and Food Chemistry, 2016, 64, 5607-5613.	5.2	25
8	Quantitation of orthoâ€cresyl phosphate adducts to butyrylcholinesterase in human serum by immunomagneticâ€UHPLCâ€MS/MS. Journal of Mass Spectrometry, 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. Toxicology Letters, 2020, 320, 87-94.	0.8	16
10	A highâ€ŧhroughput UHPLC–MS/MS method for the quantification of five aged butyrylcholinesterase biomarkers from human exposure to organophosphorus nerve agents. Biomedical Chromatography, 2017, 31, e3830.	1.7	15
11	Quantification of Ricinine and Abrine in Human Plasma by HPLC–MS-MS: Biomarkers of Exposure to Ricin and Abrin. Journal of Analytical Toxicology, 2018, 42, 630-636.	2.8	15
12	Designing traceable opioid material§ kits to improve laboratory testing during the U.S. opioid overdose crisis. Toxicology Letters, 2019, 317, 53-58.	0.8	13
13	Rapid quantification of two chemical nerve agent metabolites in serum. Biosensors and Bioelectronics, 2019, 131, 119-127.	10.1	6
14	Quantification of hypoglycin A and methylenecyclopropylglycine in human plasma by HPLC-MS/MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1095, 112-118.	2.3	5
15	Quantitative HPLC–MS/MS analysis of toxins in soapberry seeds: Methylenecyclopropylglycine and hypoglycin A. Food Chemistry, 2018, 264, 449-454.	8.2	5
16	Supplemental Learning in the Laboratory: An Innovative Approach for Evaluating Knowledge and Method Transfer. Journal of Chemical Education, 2017, 94, 1094-1097.	2.3	1
17	The Effects of Gamma Irradiation on Chemical Biomarker Recovery from Mixed Chemical/Biological Threat Exposure Specimens. journal of applied laboratory medicine, The, 2020, 5, 273-280.	1.3	1