

Sigalit Gura

List of Publications by Year in descending order

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14
papers

265
citations

1163117

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1058476

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335
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Planar Solid Phase Microextraction ⁺ Ion Mobility Spectrometry for Rapid Field Air Sampling and Analysis of Illicit Drugs and Explosives. <i>Analytical Chemistry</i> , 2010, 82, 2826-2835.	6.5	102
2	Trace detection of explosives with a unique large volume injection gas chromatography-mass spectrometry (LVI-GC-MS) method. <i>Analytical Methods</i> , 2018, 10, 2712-2721.	2.7	26
3	Enhancement in sample collection for the detection of MDMA using a novel planar SPME (PSPME) device coupled to ion mobility spectrometry (IMS). <i>Drug Testing and Analysis</i> , 2009, 1, 355-362.	2.6	24
4	The coupling of capillary microextraction of volatiles (CMV) dynamic air sampling device with DART-MS analysis for the detection of gunshot residues. <i>Forensic Chemistry</i> , 2018, 8, 49-56.	2.8	21
5	Improved detection of botulinum type E by rational design of a new peptide substrate for endopeptidase ⁺ mass spectrometry assay. <i>Analytical Biochemistry</i> , 2014, 456, 50-52.	2.4	16
6	A new peptide substrate for enhanced botulinum neurotoxin type B detection by endopeptidase ⁺ liquid chromatography ⁺ tandem mass spectrometry/multiple reaction monitoring assay. <i>Analytical Biochemistry</i> , 2015, 473, 7-10.	2.4	16
7	Capillary microextraction of volatiles device for enhanced BTEX vapors sampling based on a phenyl modified PDMS sol-gel adsorption phase. <i>Analytica Chimica Acta</i> , 2018, 1014, 27-40.	5.4	14
8	Solid-phase microextraction (SPME) calibration using inkjet microdrop printing for direct loading of known analyte mass on to SPME fibers. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 1049-1060.	3.7	9
9	Rapid and sensitive identification of ricin in environmental samples based on lactamyl agarose beads using LC ⁺ MS/MS (MRM). <i>Journal of Mass Spectrometry</i> , 2020, 55, e4482.	1.6	9
10	Determination of free G-type nerve agents in blood: in situ derivatization on a dried blood spot (DBS) paper followed by LC ⁺ MS/MS analysis. <i>Forensic Toxicology</i> , 2020, 38, 327-339.	2.4	8
11	Instantaneous monitoring of free sarin in whole blood by dry blood spot ⁺ thermal desorption ⁺ GC ⁺ FPD/MS analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1136, 121911.	2.3	7
12	Cryofocusing capillary microextraction of volatiles (Cryo-CMV) as a novel headspace extraction device for the analysis of volatile organic compounds and smokeless powders. <i>Forensic Chemistry</i> , 2017, 3, 81-89.	2.8	6
13	GC columns as micro-air samplers for the quantitative analysis of naphthalene vapours. <i>Analytical Methods</i> , 2017, 9, 393-401.	2.7	5
14	Optimization of SNAP-25-derived peptide substrate for improved detection of botulinum A in the Endopep-MS assay. <i>Analytical Biochemistry</i> , 2017, 528, 34-37.	2.4	2