Maiko Kusano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8087181/publications.pdf

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23	584	687363 13	677142 22
papers	citations	h-index	g-index

23	23	23	773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development of headspace SPME method for analysis of volatile organic compounds present in human biological specimens. Analytical and Bioanalytical Chemistry, 2011, 400, 1817-1826.	3.7	72
2	Comparison of the Volatile Organic Compounds from Different Biological Specimens for Profiling Potential*. Journal of Forensic Sciences, 2013, 58, 29-39.	1.6	64
3	Application of metabolomics to toxicology of drugs of abuse: A mini review of metabolomics approach to acute and chronic toxicity studies. Drug Metabolism and Pharmacokinetics, 2016, 31, 21-26.	2.2	61
4	Fatal intoxication by 5Fâ€“ADB and diphenidine: Detection, quantification, and investigation of their main metabolic pathways in humans by LC/MS/MS and LC/Qâ€TOFMS. Drug Testing and Analysis, 2018, 10, 284-293.	2.6	54
5	A preliminary study on postmortem interval estimation of suffocated rats by GC-MS/MS-based plasma metabolic profiling. Analytical and Bioanalytical Chemistry, 2015, 407, 3659-3665.	3.7	45
6	Intact Endogenous Metabolite Analysis of Mice Liver by Probe Electrospray Ionization/Triple Quadrupole Tandem Mass Spectrometry and Its Preliminary Application to in Vivo Real-Time Analysis. Analytical Chemistry, 2016, 88, 3556-3561.	6.5	35
7	Metabolome disruption of the rat cerebrum induced by the acute toxic effects of the synthetic cannabinoid MAM-2201. Life Sciences, 2015, 137, 49-55.	4.3	31
8	High-resolution mass spectrometric determination of the synthetic cannabinoids MAM-2201, AM-2201, AM-2232, and their metabolites in postmortem plasma and urine by LC/Q-TOFMS. International Journal of Legal Medicine, 2015, 129, 1233-1245.	2.2	31
9	Positional isomer differentiation of synthetic cannabinoid JWH-081 by GC-MS/MS. Journal of Mass Spectrometry, 2015, 50, 586-591.	1.6	30
10	Development of â€œQuick-DB forensicâ€• A total workflow from QuEChERS-dSPE method to GCâ€“MS/MS quantification of forensically relevant drugs and pesticides in whole blood. Forensic Science International, 2019, 300, 125-135.	2.2	29
11	In Vivo Real-Time Monitoring System Using Probe Electrospray Ionization/Tandem Mass Spectrometry for Metabolites in Mouse Brain. Analytical Chemistry, 2018, 90, 4695-4701.	6.5	27
12	Intact metabolite profiling of mouse brain by probe electrospray ionization/triple quadrupole tandem mass spectrometry (PESI/MS/MS) and its potential use for local distribution analysis of the brain. Analytica Chimica Acta, 2017, 983, 160-165.	5.4	22
13	High-throughput determination of valproate in human samples by modified QuEChERS extraction and GC-MS/MS. Legal Medicine, 2018, 31, 66-73.	1.3	18
14	Identification of N,N-bis(1-pentylindol-3-yl-carboxy)naphthylamine (BiPICANA) found in an herbal blend product in the Tokyo metropolitan area and its cannabimimetic effects evaluated by in vitro [35S]GTPÎ³S binding assays. Forensic Toxicology, 2015, 33, 84-92.	2.4	12
15	Regioisomeric differentiation of the alkyl-substituted synthetic cannabinoids JWH-122 and JWH-210 by GC-EI-MS/MS. Forensic Toxicology, 2016, 34, 304-315.	2.4	12
16	Simple and sensitive determination of Î±- and Î²-amanitin by liquid chromatographyâ€“quadrupole time-of-flight mass spectrometry. Forensic Toxicology, 2014, 32, 342-346.	2.4	9
17	Metabolome analysis of the serotonin syndrome rat model: Abnormal muscular contraction is related to metabolic alterations and hyper-thermogenesis. Life Sciences, 2018, 207, 550-561.	4.3	9
18	Laser Desorption/Ionization Mass Spectrometry (LDI-MS) of Lipids with Iron Oxide Nanoparticle-Coated Targets. Mass Spectrometry, 2014, 3, A0026-A0026.	0.6	8

#	Article	IF	Citations
19	Development of a mass spectrometric hydroxylâ€position determination method for the hydroxyindole metabolites of JWHâ€018 by GCâ€MS/MS. Journal of Mass Spectrometry, 2016, 51, 350-357.	1.6	8
20	Comprehensive Analysis and Structural Estimation of Synthetic Cathinones Using GC-MS/MS. Japanese Journal of Forensic Science and Technology, 2017, 22, 109-121.	0.1	3
21	Identification and quantitation of mifepristone and its N-demethyl metabolite in the plasma of an aborted fetus by liquid chromatographyâ€“quadrupoleâ€“time-of-flightâ€“mass spectrometry (LCâ€“Qâ€“TOFMS) and ultra-performance liquid chromatographyâ€“tandem mass spectrometry (UPLCâ€–MSâ€–MS). Forensic Toxicology, 2015, 33, 409-412.	2.4	2
22	Simultaneous quantification of batrachotoxin and epibatidine in plasma by ultra-performance liquid chromatography/tandem mass spectrometry. Legal Medicine, 2017, 25, 1-5.	1.3	2
23	Sensitive determination of picrotoxin by liquid chromatography-quadrupole time-of-flight mass spectrometry. Legal Medicine, 2016, 20, 8-11.	1.3	0