

Kenji Kuwayama

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

366
citations

840776

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docs citations

24
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution profiles of diphenhydramine and lidocaine in scalp, axillary, and pubic hairs measured by micro-segmental hair analysis: good indicator for discrimination between administration and external contamination of the drugs. <i>Forensic Toxicology</i> , 2022, 40, 64-74.	2.4	6
2	Micro-segmental hair analysis: detailed procedures and applications in forensic toxicology. <i>Forensic Toxicology</i> , 2022, 40, 215-233.	2.4	12
3	Development of the "selective concentration" analytical method for drug-containing hair regions based on micro-segmental analysis to identify a trace amount of drug in hair: hair analysis following single-dose ingestion of midazolam. <i>Forensic Toxicology</i> , 2021, 39, 156-166.	2.4	7
4	Development of an improved method to estimate the days of continuous drug ingestion, based on the micro-segmental hair analysis. <i>Drug Testing and Analysis</i> , 2021, 13, 1295-1304.	2.6	8
5	Analysis of potential phenylacetone precursors (ethyl 3-oxo-2-phenylbutyrate, methyl) and their conversion to phenylacetone. <i>Drug Testing and Analysis</i> , 2021, , .	2.6	4
6	Metabolism of a new synthetic opioid tetrahydrofuranlyfentanyl in fresh isolated human hepatocytes: Detection and confirmation of ring-opened metabolites. <i>Drug Testing and Analysis</i> , 2020, 12, 439-448.	2.6	7
7	Differentiation of ring-substituted regioisomers of cathinone analogs by supercritical fluid chromatography. <i>Analytical Science Advances</i> , 2020, 1, 22.	2.8	2
8	Measurement of three-dimensional distributions of drugs in nails using liquid chromatography/tandem mass spectrometry after micro-segmentation to elucidate drug uptake routes. <i>Analytica Chimica Acta</i> , 2020, 1108, 89-97.	5.4	9
9	Strong evidence of drug-facilitated crimes by hair analysis using LC-MS/MS after micro-segmentation. <i>Forensic Toxicology</i> , 2019, 37, 480-487.	2.4	22
10	Estimation of day of death using micro-segmental hair analysis based on drug use history: a case of lidocaine use as a marker. <i>International Journal of Legal Medicine</i> , 2019, 133, 117-122.	2.2	12
11	Different localizations of drugs simultaneously administered in a strand of hair by micro-segmental analysis. <i>Drug Testing and Analysis</i> , 2018, 10, 750-760.	2.6	19
12	Time-course measurements of drug concentrations in hair and toenails after single administrations of pharmaceutical products. <i>Drug Testing and Analysis</i> , 2017, 9, 571-577.	2.6	25
13	Effectiveness of saliva and fingerprints as alternative specimens to urine and blood in forensic drug testing. <i>Drug Testing and Analysis</i> , 2016, 8, 644-651.	2.6	25
14	Three-step drug extraction from a single sub-millimeter segment of hair and nail to determine the exact day of drug intake. <i>Analytica Chimica Acta</i> , 2016, 948, 40-47.	5.4	33
15	Micro-pulverized extraction pretreatment for highly sensitive analysis of 11-nor-9-carboxy- Δ^9 -tetrahydrocannabinol in hair by liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 2158-2166.	1.5	22
16	Time-course measurements of drugs and metabolites transferred from fingertips after drug administration: usefulness of fingerprints for drug testing. <i>Forensic Toxicology</i> , 2014, 32, 235-242.	2.4	18
17	Utilization of matrix-assisted laser desorption/ionization imaging mass spectrometry to search for cannabis in herb mixtures. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4789-4794.	3.7	7
18	Time-course measurements of caffeine and its metabolites extracted from fingertips after coffee intake: a preliminary study for the detection of drugs from fingerprints. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3945-3952.	3.7	35

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19	Distribution measurements of 3,4-methylenedioxyamphetamine and its metabolites in organs by matrix-assisted laser desorption/ionization imaging mass spectrometry using an automatic matrix spraying system with an air brush and a turntable. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1823-1830.	3.7	20
20	Interaction of 3,4-Methylenedioxyamphetamine and Methamphetamine During Metabolism by <i>In Vitro</i> Human Metabolic Enzymes and in Rats*. <i>Journal of Forensic Sciences</i> , 2012, 57, 1008-1013.	1.6	11
21	Rapid, simple, and highly sensitive analysis of drugs in biological samples using thin-layer chromatography coupled with matrix-assisted laser desorption/ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1257-1267.	3.7	27
22	Distribution measurement of amphetamine-type stimulants in organs using micropulverized extraction and liquid chromatography/tandem mass spectrometry to complement drug distribution using mass spectrometry imaging. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 2397-2406.	1.5	8
23	Determination of 4-Hydroxy-3-methoxymethamphetamine as a Metabolite of Methamphetamine in Rats and Human Liver Microsomes Using Gas Chromatography-Mass Spectrometry and Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2009, 33, 266-271.	2.8	7
24	Analysis of amphetamine-type stimulants and their metabolites in plasma, urine and bile by liquid chromatography with a strong cation-exchange column-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 867, 78-83.	2.3	20