

# Volker Auwärter

## List of Publications by Year in descending order

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Version: 2024-02-01

175  
papers

7,398  
citations

50170

46  
h-index

69108

77  
g-index

182  
all docs

182  
docs citations

182  
times ranked

3980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Separating the wheat from the chaff: Observations on the analysis of lysergamides LSD, MIPLA, and LAMPA. <i>Drug Testing and Analysis</i> , 2022, 14, 545-556.	1.6	8
2	Dental Plaque Concentrations of Methadone, Morphine and Their Metabolites in Opioid Replacement Therapy and in Postmortem Cases. <i>Journal of Analytical Toxicology</i> , 2022, 46, 633-640.	1.7	1
3	Qualitative and Quantitative Analysis of Tryptamines in the Poison of <i>Incilius alvarius</i> (Amphibia: Bufonidae). <i>Journal of Analytical Toxicology</i> , 2022, 46, 540-548.	1.7	4
4	Structure-activity relationships of valine, tert-leucine, and phenylalanine amino acid-derived synthetic cannabinoid receptor agonists related to ADB-BUTINACA, APP-BUTINACA, and ADB-P7AICA. <i>RSC Medicinal Chemistry</i> , 2022, 13, 156-174.	1.7	11
5	Development and validation of a rapid LC-MS/MS method for the detection of 182 novel psychoactive substances in whole blood. <i>Drug Testing and Analysis</i> , 2022, 14, 202-223.	1.6	19
6	Investigation of the $\mu$ - and $\kappa$ -opioid receptor activation by eight new synthetic opioids using the [ <sup>35</sup> S]-GTP $\gamma$ S assay: U $\mu$ 47700, isopropyl U $\mu$ 47700, U $\mu$ 49900, U $\mu$ 47931E, N $\mu$ 47931E, U $\mu$ 48520, and U $\mu$ 48800. <i>Drug Testing and Analysis</i> , 2022, 14, 1187-1199.	1.6	15
7	Structure elucidation of the novel synthetic cannabinoid Cumyl-Tosyl-Indazole-3-Carboxamide (Cumyl-TsINACA) found in illicit products in Germany. <i>Drug Testing and Analysis</i> , 2022, , .	1.6	6
8	The ADEBAR project – European and international provision of analytical data from structure elucidation and analytical characterization of NPS. <i>Drug Testing and Analysis</i> , 2022, , .	1.6	6
9	Analytical profile, in vitro metabolism and behavioral properties of the lysergamide 1P $\mu$ AL-LAD. <i>Drug Testing and Analysis</i> , 2022, 14, 1503-1518.	1.6	7
10	The Novel Psychoactive Substance Cumyl-CH-MEGACLONE: Human Phase-I Metabolism, Basic Pharmacological Characterization and Comparison to Other Synthetic Cannabinoid Receptor Agonists with a $\beta$ -Carboline-1-One Core. <i>Journal of Analytical Toxicology</i> , 2021, 45, 277-290.	1.7	15
11	Cumyl-CBMICA: A new synthetic cannabinoid receptor agonist containing a cyclobutyl methyl side chain. <i>Drug Testing and Analysis</i> , 2021, 13, 208-216.	1.6	21
12	Substances detected in used syringes of injecting drug users across 7 cities in Europe in 2017 and 2018: The European Syringe Collection and Analysis Project Enterprise (ESCAPE). <i>International Journal of Drug Policy</i> , 2021, 95, 103130.	1.6	17
13	Systematic evaluation of a panel of 30 synthetic cannabinoid receptor agonists structurally related to MMB $\mu$ PICA, MDMB $\mu$ PINACA, ADB $\mu$ PINACA, and MMB $\mu$ BUTINACA using a combination of binding and different CB <sub>1</sub> receptor activation assays – Part II: Structure activity relationship assessment via a $\beta$ -arrestin recruitment assay. <i>Drug Testing and Analysis</i> , 2021, 13, 1402-1411.	1.6	18
14	Systematic evaluation of a panel of 30 synthetic cannabinoid receptor agonists structurally related to MMB $\mu$ PICA, MDMB $\mu$ PINACA, ADB $\mu$ PINACA, and MMB $\mu$ BUTINACA using a combination of binding and different CB <sub>1</sub> receptor activation assays: Part I – Synthesis, analytical characterization, and binding affinity for human CB <sub>1</sub> receptors. <i>Drug Testing and Analysis</i> , 2021, 13, 1383-1401.	1.6	19
15	New synthetic cannabinoids carrying a cyclobutyl methyl side chain: Human Phase I metabolism and data on human cannabinoid receptor 1 binding and activation of Cumyl-CBMICA and Cumyl-CBMINACA. <i>Drug Testing and Analysis</i> , 2021, 13, 1499-1515.	1.6	15
16	Systematic evaluation of a panel of 30 synthetic cannabinoid receptor agonists structurally related to MMB $\mu$ PICA, MDMB $\mu$ PINACA, ADB $\mu$ PINACA, and MMB $\mu$ BUTINACA using a combination of binding and different CB <sub>1</sub> receptor activation assays. Part III: The G protein pathway and critical comparison of different assays. <i>Drug Testing and Analysis</i> , 2021, 13, 1412-1429.	1.6	14
17	Pharmacological and metabolic characterization of the novel synthetic opioid bromphine and its detection in routine casework. <i>Forensic Science International</i> , 2021, 327, 110989.	1.3	9
18	A transnational perspective on the evolution of the synthetic cannabinoid receptor agonists market: Comparing prison and general populations. <i>Drug Testing and Analysis</i> , 2021, 13, 841-852.	1.6	28

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19	NNL-3: A Synthetic Intermediate or a New Class of Hydroxybenzotriazole Esters with Cannabinoid Receptor Activity?. ACS Chemical Neuroscience, 2021, 12, 4020-4036.	1.7	7
20	Comprehensive structural characterisation of the newly emerged synthetic cannabimimetics Cumyl-BC[2.2.1]HpMeGaClone, Cumyl-BC[2.2.1]HpMINACA, and Cumyl-BC[2.2.1]HpMICA featuring a norbornyl methyl side chain. Forensic Chemistry, 2021, 26, 100371.	1.7	12
21	Dataset allowing for the identification of three new synthetic cannabimimetics featuring a norbornyl methyl side chain by spectrometric and spectroscopic techniques. Data in Brief, 2021, 39, 107628.	0.5	2
22	Detection of Nutmeg Abuse by Gas Chromatography–Mass Spectrometric Screening of Urine. Journal of Analytical Toxicology, 2020, 44, 103-108.	1.7	1
23	Quantification of Herbal Mixtures Containing Cumyl-PEGACLONE—Is Inhomogeneity Still an Issue?. Journal of Analytical Toxicology, 2020, 44, 81-85.	1.7	7
24	Metabolism of the benzodiazepines norflurazepam, flurazepam, fludiazepam and cinolazepam by human hepatocytes using high-resolution mass spectrometry and distinguishing their intake in authentic urine samples. Forensic Toxicology, 2020, 38, 79-94.	1.4	6
25	Detection and phase I metabolism of the 7-azaindole-derived synthetic cannabinoid 5F-Cumyl-PEGACLONE including a preliminary pharmacokinetic evaluation. Drug Testing and Analysis, 2020, 12, 78-91.	1.6	21
26	Four cases of death involving the novel synthetic cannabinoid 5F-Cumyl-PEGACLONE. Forensic Toxicology, 2020, 38, 314-326.	1.4	21
27	Acute severe intoxication with cyclopropylfentanyl, a novel synthetic opioid. Toxicology Letters, 2020, 320, 109-112.	0.4	21
28	Pharmacokinetics and subjective effects of 1P-LSD in humans after oral and intravenous administration. Drug Testing and Analysis, 2020, 12, 1144-1153.	1.6	12
29	A Recent Human Immunodeficiency Virus Outbreak Among People Who Inject Drugs in Munich, Germany, Is Associated With Consumption of Synthetic Cathinones. Open Forum Infectious Diseases, 2020, 7, ofaa192.	0.4	4
30	Post-Mortem Toxicology: A Systematic Review of Death Cases Involving Synthetic Cannabinoid Receptor Agonists. Frontiers in Psychiatry, 2020, 11, 464.	1.3	77
31	Application of a chiral high-performance liquid chromatography–tandem mass spectrometry method for the determination of 13 related amphetamine-type stimulants to forensic samples: Interpretative hypotheses. Drug Testing and Analysis, 2020, 12, 1354-1365.	1.6	10
32	Impact of legislation on NPS markets in Germany – The rise and fall of 5F-ADB. Drug Testing and Analysis, 2020, 12, 853-856.	1.6	21
33	Extraordinary long detection window of a synthetic cannabinoid metabolite in human urine – Potential impact on therapeutic decisions. Drug Testing and Analysis, 2020, 12, 391-396.	1.6	10
34	Detection of the recently emerged synthetic cannabinoid 4F-MDMB-BINACA in – legal high-products and human urine specimens. Drug Testing and Analysis, 2019, 11, 1377-1386.	1.6	44
35	Validation of an LC-MS/MS method for the quantitative analysis of 1P-LSD and its tentative metabolite LSD in fortified urine and serum samples including stability tests for 1P-LSD under different storage conditions. Journal of Pharmaceutical and Biomedical Analysis, 2019, 174, 270-276.	1.4	20
36	Functional evaluation of carboxy metabolites of synthetic cannabinoid receptor agonists featuring scaffolds based on L-valine or L-tert-leucine. Drug Testing and Analysis, 2019, 11, 1183-1191.	1.6	37

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37	Postmortem concentrations of the synthetic opioid U-47700 in 26 fatalities associated with the drug. <i>Forensic Science International</i> , 2019, 301, e20-e28.	1.3	35
38	Metabolic Pathways and Potencies of New Fentanyl Analogs. <i>Frontiers in Pharmacology</i> , 2019, 10, 238.	1.6	94
39	Method validation and preliminary pharmacokinetic studies on the new designer stimulant 3-fluorophenmetrazine (3-FPM). <i>Drug Testing and Analysis</i> , 2019, 11, 1009-1017.	1.6	5
40	Characterization and in vitro phase I microsomal metabolism of designer benzodiazepines: An update comprising flunitrazolam, norflurazepam, and 4'-chlorodiazepam (Ro-4864). <i>Drug Testing and Analysis</i> , 2019, 11, 541-549.	1.6	16
41	Phase I metabolic profiling of the synthetic cannabinoids THJ-018 and THJ-2201 in human urine in comparison to human liver microsome and cytochrome P450 isoenzyme incubation. <i>International Journal of Legal Medicine</i> , 2019, 133, 1049-1064.	1.2	8
42	Cumyl-PEGACLONE: A comparatively safe new synthetic cannabinoid receptor agonist entering the NPS market?. <i>Drug Testing and Analysis</i> , 2019, 11, 347-349.	1.6	16
43	Structure-metabolism relationships of valine and tert-leucine-derived synthetic cannabinoid receptor agonists: a systematic comparison of the in vitro phase I metabolism using pooled human liver microsomes and high-resolution mass spectrometry. <i>Forensic Toxicology</i> , 2019, 37, 316-329.	1.4	24
44	5F-Cumyl-PINACA in e-liquids™ for electronic cigarettes: comprehensive characterization of a new type of synthetic cannabinoid in a trendy product including investigations on the in vitro and in vivo phase I metabolism of 5F-Cumyl-PINACA and its non-fluorinated analog Cumyl-PINACA. <i>Forensic Toxicology</i> , 2019, 37, 186-196.	1.4	28
45	Human phase I metabolism of the novel synthetic cannabinoid 5F-CUMYL-PEGACLONE. <i>Forensic Toxicology</i> , 2019, 37, 154-163.	1.4	17
46	Mixed intoxication by the synthetic opioid U-47700 and the benzodiazepine flubromazepam with lethal outcome: Pharmacokinetic data. <i>Drug Testing and Analysis</i> , 2018, 10, 1336-1341.	1.6	37
47	Separation of positional isomers of nine 2-phenethylamine-derived designer drugs by liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018, 10, 1184-1191.	1.6	8
48	Synthetic cannabinoids in hair – Pragmatic approach for method updates, compound prevalences and concentration ranges in authentic hair samples. <i>Analytica Chimica Acta</i> , 2018, 1006, 61-73.	2.6	30
49	Phase I metabolism of the recently emerged synthetic cannabinoid CUMYL-PEGACLONE and detection in human urine samples. <i>Drug Testing and Analysis</i> , 2018, 10, 886-891.	1.6	28
50	Phase I metabolism of the carbazole-derived synthetic cannabinoids EG-018, EG-2201, and MDMB-CHMCZCA and detection in human urine samples. <i>Drug Testing and Analysis</i> , 2018, 10, 1417-1429.	1.6	15
51	Activity-Based Detection of Cannabinoids in Serum and Plasma Samples. <i>Clinical Chemistry</i> , 2018, 64, 918-926.	1.5	44
52	Detection of the recently emerged synthetic cannabinoid 5F-MDMB-PICA in “legal high”™ products and human urine samples. <i>Drug Testing and Analysis</i> , 2018, 10, 196-205.	1.6	78
53	Flubromazolam – Basic pharmacokinetic evaluation of a highly potent designer benzodiazepine. <i>Drug Testing and Analysis</i> , 2018, 10, 206-211.	1.6	49
54	Structural characterization and pharmacological evaluation of the new synthetic cannabinoid CUMYL-PEGACLONE. <i>Drug Testing and Analysis</i> , 2018, 10, 597-603.	1.6	37

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55	Acute side effects after consumption of the new synthetic cannabinoids AB-CHMINACA and MDMB-CHMICA. <i>Clinical Toxicology</i> , 2018, 56, 404-411.	0.8	46
56	Full validation of a method for the determination of drugs of abuse in non-mineralized dental biofilm using liquid chromatography-tandem mass spectrometry and application to postmortem samples. <i>Talanta</i> , 2018, 176, 360-366.	2.9	9
57	Designer Benzodiazepines: Another Class of New Psychoactive Substances. <i>Handbook of Experimental Pharmacology</i> , 2018, 252, 383-410.	0.9	56
58	Multivariate optimization of a method for the determination of fatty acids in dental biofilm by GC-MS. <i>Bioanalysis</i> , 2018, 10, 1319-1333.	0.6	5
59	Metabolism of Nine Synthetic Cannabinoid Receptor Agonists Encountered in Clinical Casework: Major in vivo Phase I Metabolites of AM-694, AM-2201, JWH-007, JWH-019, JWH-203, JWH-307, MAM-2201, UR-144 and XLR-11 in Human Urine Using LC-MS/MS. <i>Current Pharmaceutical Biotechnology</i> , 2018, 19, 144-162.	0.9	14
60	Pharmakologie und Toxikologie synthetischer Cannabinoidrezeptor-Agonisten. , 2018, , 389-409.		1
61	<i>In vitro</i> metabolism of the synthetic cannabinoid 3,5-AB-CHMFUPPYCA and its 5,3-regioisomer and investigation of their thermal stability. <i>Drug Testing and Analysis</i> , 2017, 9, 311-316.	1.6	19
62	Immunoassay screening in urine for synthetic cannabinoids – an evaluation of the diagnostic efficiency. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017, 55, 1375-1384.	1.4	46
63	Bad trip due to 25I-NBOMe: a case report from the EU project SPICE II plus. <i>Clinical Toxicology</i> , 2017, 55, 922-924.	0.8	13
64	Betel Nut Chewing in Iron Age Vietnam? Detection of Areca catechu Alkaloids in Dental Enamel. <i>Journal of Psychoactive Drugs</i> , 2017, 49, 11-17.	1.0	17
65	Evaluation of KIMS immunoassays on a cobas c 501 analyzer for drugs of abuse and ethyl glucuronide testing in urine for forensic abstinence control. <i>Drug Testing and Analysis</i> , 2017, 9, 1217-1223.	1.6	6
66	Activity-Based Detection of Consumption of Synthetic Cannabinoids in Authentic Urine Samples Using a Stable Cannabinoid Reporter System. <i>Analytical Chemistry</i> , 2017, 89, 9527-9536.	3.2	81
67	Three fatalities associated with the synthetic cannabinoids 5F-ADB, 5F-PB-22, and AB-CHMINACA. <i>Forensic Science International</i> , 2017, 281, e9-e15.	1.3	74
68	Pregnenolone does not interfere with the effects of cannabinoids on synaptic transmission in the cerebellum and the nucleus accumbens. <i>Pharmacological Research</i> , 2017, 123, 51-61.	3.1	7
69	Impact of Novel Psychoactive Substances on Clinical and Forensic Toxicology and Global Public Health. <i>Clinical Chemistry</i> , 2017, 63, 1564-1569.	1.5	31
70	Reply to Restolho <i>et al.</i> – Contactless decontamination of hair samples: cannabinoids™. <i>Drug Testing and Analysis</i> , 2017, 9, 289-290.	1.6	1
71	Phase I metabolism of the highly potent synthetic cannabinoid MDMB-CHMICA and detection in human urine samples. <i>Drug Testing and Analysis</i> , 2017, 9, 744-753.	1.6	54
72	Evaluation of CEDIA and DRI Drugs of Abuse Immunoassays for Urine Screening on a Thermo Indiko Plus Analyzer. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, .	0.9	11

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73	Metabolites of synthetic cannabinoids in hair – proof of consumption or false friends for interpretation?. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3445-3452.	1.9	45
74	Hair analysis for $\Delta^9$ -tetrahydrocannabinolic acid A (THCA) and $\Delta^9$ -tetrahydrocannabinol (THC) after handling cannabis plant material. <i>Drug Testing and Analysis</i> , 2016, 8, 128-132.	1.6	21
75	Characterization and <i>in vitro</i> phase I microsomal metabolism of designer benzodiazepines – an update comprising adinazolam, cloniprazepam, fonazepam, 3-hydroxyphenazepam, metizolam and nitrazolam. <i>Journal of Mass Spectrometry</i> , 2016, 51, 1080-1089.	0.7	38
76	Investigations of the genotoxic properties of two synthetic cathinones (3-MMC, 4-MEC) which are used as psychoactive drugs. <i>Toxicology Research</i> , 2016, 5, 1410-1420.	0.9	6
77	Detection and Activity Profiling of Synthetic Cannabinoids and Their Metabolites with a Newly Developed Bioassay. <i>Analytical Chemistry</i> , 2016, 88, 11476-11485.	3.2	193
78	Genotoxic properties of XLR-11, a widely consumed synthetic cannabinoid, and of the benzoyl indole RCS-4. <i>Archives of Toxicology</i> , 2016, 90, 3111-3123.	1.9	15
79	Separation and structural characterization of the new synthetic cannabinoid JWH-018 cyclohexyl methyl derivative $\Delta^9$ -NE-CHMIMO using flash chromatography, GC-MS, IR and NMR spectroscopy. <i>Forensic Science International</i> , 2016, 266, e93-e98.	1.3	22
80	Adverse effects after the use of JWH-210 – a case series from the EU Spice II plus project. <i>Drug Testing and Analysis</i> , 2016, 8, 1030-1038.	1.6	47
81	Determination of medicinal and illicit drugs in post mortem dental hard tissues and comparison with analytical results for body fluids and hair samples. <i>Forensic Science International</i> , 2016, 265, 166-171.	1.3	25
82	Reply to – Sudden Cardiac Death Following Use of the Synthetic Cannabinoid MDMB-CHMICA™. <i>Journal of Analytical Toxicology</i> , 2016, 40, 240-242.	1.7	30
83	Impact of a synthetic cannabinoid (CP-47,497-C8) on protein expression in human cells: evidence for induction of inflammation and DNA damage. <i>Archives of Toxicology</i> , 2016, 90, 1369-1382.	1.9	20
84	Detection of the ethanol consumption markers ethyl glucuronide and ethyl sulfate in urine samples from inmates of two German prisons. <i>International Journal of Legal Medicine</i> , 2016, 130, 387-391.	1.2	7
85	Neurobiological Aspects of Mindfulness in Pain Autoregulation: Unexpected Results from a Randomized-Controlled Trial and Possible Implications for Meditation Research. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 674.	1.0	20
86	Pharmakologie und Toxikologie synthetischer Cannabinoidrezeptor-Agonisten. , 2016, , 1-27.		0
87	Designer benzodiazepines: A new challenge. <i>World Psychiatry</i> , 2015, 14, 248-248.	4.8	81
88	Finding cannabinoids in hair does not prove cannabis consumption. <i>Scientific Reports</i> , 2015, 5, 14906.	1.6	51
89	Genotoxic properties of representatives of alkylindazoles and aminoalkyl-indoles which are consumed as synthetic cannabinoids. <i>Food and Chemical Toxicology</i> , 2015, 80, 130-136.	1.8	49
90	Two thiazolylindoles and a benzimidazole: Novel compounds on the designer drug market with potential cannabinoid receptor activity. <i>Forensic Science International</i> , 2015, 249, 133-147.	1.3	10

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91	Studies on the metabolism and toxicological detection of the new psychoactive designer drug 2-(4-iodo-2,5-dimethoxyphenyl)-N-[(2-methoxyphenyl)methyl]ethanamine (25I-NBOMe) in human and rat urine using GC-MS, LC-MSn, and LC-HR-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6697-6719.	1.9	66
92	Characterization of the four designer benzodiazepines clonazolam, deschloroetizolam, flubromazolam, and meclonazepam, and identification of their in vitro metabolites. <i>Forensic Toxicology</i> , 2015, 33, 388-395.	1.4	58
93	Hair analysis of synthetic cannabinoids: does the handling of herbal mixtures affect the analyst's hair concentration?. <i>Forensic Toxicology</i> , 2015, 33, 37-44.	1.4	15
94	Hair analysis for JWH-018, JWH-122, and JWH-210 after passive in vivo exposure to synthetic cannabinoid smoke. <i>Forensic Toxicology</i> , 2015, 33, 69-76.	1.4	14
95	Cannabinoid findings in children hair – what do they really tell us? An assessment in the light of three different analytical methods with focus on interpretation of $\delta^9$ -tetrahydrocannabinolic acid A concentrations. <i>Drug Testing and Analysis</i> , 2015, 7, 349-357.	1.6	31
96	Differences between the measured blood ethanol concentration and the estimated concentration by Widmark's equation in elderly persons. <i>Forensic Science International</i> , 2015, 247, 23-27.	1.3	11
97	Inhomogeneities in herbal mixtures: a serious risk for consumers. <i>Forensic Toxicology</i> , 2015, 33, 54-60.	1.4	36
98	Argon Mediates Anti-Apoptotic Signaling and Neuroprotection via Inhibition of Toll-Like Receptor 2 and 4. <i>PLoS ONE</i> , 2015, 10, e0143887.	1.1	32
99	Neuroprotection by Argon Ventilation after Perinatal Asphyxia: A Safety Study in Newborn Piglets. <i>PLoS ONE</i> , 2014, 9, e113575.	1.1	24
100	Response to –Absorption deficit and overshooting of the blood alcohol concentration–. <i>Medicine, Science and the Law</i> , 2014, 54, 235-235.	0.6	0
101	Characterization of the designer benzodiazepine diclazepam and preliminary data on its metabolism and pharmacokinetics. <i>Drug Testing and Analysis</i> , 2014, 6, 757-763.	1.6	75
102	A comprehensive library-based, automated screening procedure for 46 synthetic cannabinoids in serum employing liquid chromatography–quadrupole ion trap mass spectrometry with high-temperature electrospray ionization. <i>Journal of Mass Spectrometry</i> , 2014, 49, 117-127.	0.7	47
103	Investigation of the in vitro toxicological properties of the synthetic cannabimimetic drug CP-47,497-C8. <i>Toxicology and Applied Pharmacology</i> , 2014, 277, 164-171.	1.3	50
104	–Psychotropics caught in a trap– – Adopting a screening approach to specific needs. <i>Forensic Science International</i> , 2014, 243, 84-89.	1.3	26
105	Determination of $\delta^9$ -tetrahydrocannabinolic acid A ( $\delta^9$ -THCA-A) in whole blood and plasma by LC–MS/MS and application in authentic samples from drivers suspected of driving under the influence of cannabis. <i>Forensic Science International</i> , 2014, 243, 130-136.	1.3	38
106	Pharmacokinetics of GHB and detection window in serum and urine after single uptake of a low dose of GBL – an experiment with two volunteers. <i>Drug Testing and Analysis</i> , 2014, 6, 363-366.	1.6	39
107	Analysis of synthetic cannabinoids in abstinence control: long drug detection windows in serum and implications for practitioners. <i>Drug Testing and Analysis</i> , 2014, 6, 135-136.	1.6	20
108	Driving under the influence of synthetic cannabinoids (–Spice–): a case series. <i>International Journal of Legal Medicine</i> , 2014, 128, 59-64.	1.2	101

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109	Hair analysis for THCA, THC and CBN after passive <i>in vivo</i> exposure to marijuana smoke. <i>Drug Testing and Analysis</i> , 2014, 6, 119-125.	1.6	49
110	Synthetic Cannabinoid Receptor Agonists. , 2013, , 317-343.		12
111	Characteristics of the designer drug and synthetic cannabinoid receptor agonist AM2201 regarding its chemistry and metabolism. <i>Journal of Mass Spectrometry</i> , 2013, 48, 885-894.	0.7	94
112	A fast and inexpensive procedure for the isolation of synthetic cannabinoids from "Spice" products using a flash chromatography system. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3929-3935.	1.9	15
113	Development and validation of an LC-MS/MS method for quantification of <sup>11</sup> 9-tetrahydrocannabinolic acid A (THCA), THC, CBN and CBD in hair. <i>Journal of Mass Spectrometry</i> , 2013, 48, 227-233.	0.7	43
114	Analysis of 30 synthetic cannabinoids in oral fluid using liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2013, 5, 657-669.	1.6	67
115	LC/ESI-MS/MS method for quantification of 28 synthetic cannabinoids in neat oral fluid and its application to preliminary studies on their detection windows. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4691-4706.	1.9	60
116	Ethanol Concentration in Breastmilk After the Consumption of Non-alcoholic Beer. <i>Breastfeeding Medicine</i> , 2013, 8, 291-293.	0.8	10
117	Acute intoxication by synthetic cannabinoids " Four case reports. <i>Drug Testing and Analysis</i> , 2013, 5, 790-794.	1.6	73
118	Toxicological profiles of selected synthetic cannabinoids showing high binding affinities to the cannabinoid receptor subtype CB1. <i>Archives of Toxicology</i> , 2013, 87, 1287-1297.	1.9	57
119	Characterization of the designer benzodiazepine pyrazolam and its detectability in human serum and urine. <i>Forensic Toxicology</i> , 2013, 31, 263-271.	1.4	46
120	Stability of 11 prevalent synthetic cannabinoids in authentic neat oral fluid samples: glass versus polypropylene containers at different temperatures. <i>Drug Testing and Analysis</i> , 2013, 5, 602-606.	1.6	21
121	Acute toxicity due to the confirmed consumption of synthetic cannabinoids: clinical and laboratory findings. <i>Addiction</i> , 2013, 108, 534-544.	1.7	397
122	Detection and identification of the designer benzodiazepine flubromazepam and preliminary data on its metabolism and pharmacokinetics. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1150-1159.	0.7	81
123	A case of a distinct difference between the measured blood ethanol concentration and the concentration estimated by Widmark's equation. <i>Medicine, Science and the Law</i> , 2013, 53, 96-99.	0.6	7
124	Desalkylflurazepam found in patients' samples after high-dose midazolam treatment. <i>Drug Testing and Analysis</i> , 2013, 5, 745-747.	1.6	7
125	Regioselective synthesis of isotopically labeled <sup>11</sup> 9-tetrahydrocannabinolic acid A (THCA-A-D3) by reaction of <sup>11</sup> 9-tetrahydrocannabinol-D3 with magnesium methyl carbonate. <i>Forensic Science International</i> , 2012, 222, 368-72.	1.3	1
126	Separation and structural characterization of the synthetic cannabinoids JWH-412 and 1-[(5-fluoropentyl)-1H-indol-3yl]-(4-methylnaphthalen-1-yl)methanone using GC-MS, NMR analysis and a flash chromatography system. <i>Forensic Science International</i> , 2012, 220, e17-e22.	1.3	59



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127	Determination of 22 synthetic cannabinoids in human hair by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 903, 95-101.	1.2	104
128	Cocktail Approach for In Vivo Phenotyping of 5 Major CYP450 Isoenzymes: Development of an Effective Sampling, Extraction, and Analytical Procedure and Pilot Study With Comparative Genotyping. <i>Journal of Clinical Pharmacology</i> , 2012, 52, 1200-1214.	1.0	25
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