

Thomas Martin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

194
papers

9,228
citations

53
h-index

84
g-index

197
ext. papers

10,321
ext. citations

4
avg, IF

6.47
L-index

#	Paper	IF	Citations
194	Human cannabinoid pharmacokinetics. <i>Chemistry and Biodiversity</i> , 2007 , 4, 1770-804	2.5	588
193	Synthetic cannabinoids: epidemiology, pharmacodynamics, and clinical implications. <i>Drug and Alcohol Dependence</i> , 2014 , 144, 12-41	4.9	453
192	Blockade of effects of smoked marijuana by the CB1-selective cannabinoid receptor antagonist SR141716. <i>Archives of General Psychiatry</i> , 2001 , 58, 322-8		371
191	Oral fluid testing for drugs of abuse. <i>Clinical Chemistry</i> , 2009 , 55, 1910-31	5.5	298
190	Cannabis effects on driving lateral control with and without alcohol. <i>Drug and Alcohol Dependence</i> , 2015 , 154, 25-37	4.9	137
189	Single and multiple doses of rimonabant antagonize acute effects of smoked cannabis in male cannabis users. <i>Psychopharmacology</i> , 2007 , 194, 505-15	4.7	121
188	Drug abuse's smallest victims: in utero drug exposure. <i>Forensic Science International</i> , 2002 , 128, 20-30	2.6	117
187	Identification of recent cannabis use: whole-blood and plasma free and glucuronidated cannabinoid pharmacokinetics following controlled smoked cannabis administration. <i>Clinical Chemistry</i> , 2011 , 57, 1406-14	5.5	115
186	Impact of prolonged cannabinoid excretion in chronic daily cannabis smokers' blood on per se drugged driving laws. <i>Clinical Chemistry</i> , 2013 , 59, 519-26	5.5	106
185	Nontargeted SWATH acquisition for identifying 47 synthetic cannabinoid metabolites in human urine by liquid chromatography-high-resolution tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 883-97	4.4	105
184	Qualitative confirmation of 9 synthetic cannabinoids and 20 metabolites in human urine using LC-MS/MS and library search. <i>Analytical Chemistry</i> , 2013 , 85, 3730-8	7.8	102
183	Neuropharmacology of 3,4-Methylenedioxypropylamphetamine (MDPV), its Metabolites, and Related Analogs. <i>Current Topics in Behavioral Neurosciences</i> , 2017 , 32, 93-117	3.4	99
182	Simultaneous quantification of 28 synthetic cathinones and metabolites in urine by liquid chromatography-high resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 9437-48	4.4	97
181	Urine drug testing for opioids, cocaine, and metabolites by direct injection liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2003 , 17, 1665-70	2.2	96
180	Phase I and II cannabinoid disposition in blood and plasma of occasional and frequent smokers following controlled smoked cannabis. <i>Clinical Chemistry</i> , 2014 , 60, 631-43	5.5	95
179	Metabolism of synthetic cannabinoids PB-22 and its 5-fluoro analog, 5F-PB-22, by human hepatocyte incubation and high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1763-80	4.4	93
178	Detection times of marijuana metabolites in urine by immunoassay and GC-MS. <i>Journal of Analytical Toxicology</i> , 1995 , 19, 443-9	2.9	93

177	Free and Glucuronide Whole Blood Cannabinoids Pharmacokinetics after Controlled Smoked, Vaporized, and Oral Cannabis Administration in Frequent and Occasional Cannabis Users: Identification of Recent Cannabis Intake. <i>Clinical Chemistry</i> , 2016 , 62, 1579-1592	5.5	93
176	Simultaneous determination of 40 novel psychoactive stimulants in urine by liquid chromatography-high resolution mass spectrometry and library matching. <i>Journal of Chromatography A</i> , 2015 , 1397, 32-42	4.5	92
175	Smoked cannabis psychomotor and neurocognitive effects in occasional and frequent smokers. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 251-61	2.9	90
174	Simultaneous quantification of 20 synthetic cannabinoids and 21 metabolites, and semi-quantification of 12 alkyl hydroxy metabolites in human urine by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014 , 1327, 105-17	4.5	86
173	Extended urinary Delta9-tetrahydrocannabinol excretion in chronic cannabis users precludes use as a biomarker of new drug exposure. <i>Drug and Alcohol Dependence</i> , 2009 , 105, 24-32	4.9	86
172	Pentylindole/Pentylindazole Synthetic Cannabinoids and Their 5-Fluoro Analogs Produce Different Primary Metabolites: Metabolite Profiling for AB-PINACA and 5F-AB-PINACA. <i>AAPS Journal</i> , 2015 , 17, 660-77	3.7	85
171	Controlled Cannabis Vaporizer Administration: Blood and Plasma Cannabinoids with and without Alcohol. <i>Clinical Chemistry</i> , 2015 , 61, 850-69	5.5	85
170	Direct quantification of cannabinoids and cannabinoid glucuronides in whole blood by liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1273-83	4.4	85
169	Identifying prenatal cannabis exposure and effects of concurrent tobacco exposure on neonatal growth. <i>Clinical Chemistry</i> , 2010 , 56, 1442-50	5.5	85
168	Cannabinoid concentrations in hair from documented cannabis users. <i>Forensic Science International</i> , 2007 , 169, 129-36	2.6	80
167	Synthetic cannabinoids pharmacokinetics and detection methods in biological matrices. <i>Drug Metabolism Reviews</i> , 2015 , 47, 124-74	7	79
166	Maternal smoking during pregnancy and infant stress response: test of a prenatal programming hypothesis. <i>Psychoneuroendocrinology</i> , 2014 , 48, 29-40	5	78
165	Implications of plasma Delta9-tetrahydrocannabinol, 11-hydroxy-THC, and 11-nor-9-carboxy-THC concentrations in chronic cannabis smokers. <i>Journal of Analytical Toxicology</i> , 2009 , 33, 469-77	2.9	78
164	Urinary elimination of 11-nor-9-carboxy-delta9-tetrahydrocannabinol in cannabis users during continuously monitored abstinence. <i>Journal of Analytical Toxicology</i> , 2008 , 32, 562-9	2.9	78
163	Do Delta9-tetrahydrocannabinol concentrations indicate recent use in chronic cannabis users?. <i>Addiction</i> , 2009 , 104, 2041-8	4.6	77
162	Linear pharmacokinetics of 3,4-methylenedioxypyrovalerone (MDPV) and its metabolites in the rat: relationship to pharmacodynamic effects. <i>Addiction Biology</i> , 2016 , 21, 339-47	4.6	76
161	Psychomotor performance, subjective and physiological effects and whole blood tetrahydrocannabinol concentrations in heavy, chronic cannabis smokers following acute smoked cannabis. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 405-12	2.9	71
160	Validated method for the simultaneous determination of Delta 9-tetrahydrocannabinol (THC), 11-hydroxy-THC and 11-nor-9-carboxy-THC in human plasma using solid phase extraction and gas chromatography-mass spectrometry with positive chemical ionization. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 799, 145-54	3.2	69

159	A study of peptide-peptide interaction by matrix-assisted laser desorption/ionization. <i>Journal of the American Society for Mass Spectrometry</i> , 2001 , 12, 88-96	3.5	69
158	First characterization of AKB-48 metabolism, a novel synthetic cannabinoid, using human hepatocytes and high-resolution mass spectrometry. <i>AAPS Journal</i> , 2013 , 15, 1091-8	3.7	67
157	Oral fluid as an alternative matrix to monitor opiate and cocaine use in substance-abuse treatment patients. <i>Drug and Alcohol Dependence</i> , 2007 , 87, 258-67	4.9	67
156	Identification of hydrocodone in human urine following controlled codeine administration. <i>Journal of Analytical Toxicology</i> , 2000 , 24, 530-5	2.9	67
155	Estimating the time of last cannabis use from plasma delta9-tetrahydrocannabinol and 11-nor-9-carboxy-delta9-tetrahydrocannabinol concentrations. <i>Clinical Chemistry</i> , 2005 , 51, 2289-95	5.5	64
154	High-Resolution Mass Spectrometry for Characterizing the Metabolism of Synthetic Cannabinoid THJ-018 and Its 5-Fluoro Analog THJ-2201 after Incubation in Human Hepatocytes. <i>Clinical Chemistry</i> , 2016 , 62, 157-69	5.5	62
153	Oral fluid cannabinoids in chronic, daily Cannabis smokers during sustained, monitored abstinence. <i>Clinical Chemistry</i> , 2011 , 57, 1127-36	5.5	62
152	Current knowledge on cannabinoids in oral fluid. <i>Drug Testing and Analysis</i> , 2014 , 6, 88-111	3.5	61
151	Clinical sensitivity and specificity of meconium fatty acid ethyl ester, ethyl glucuronide, and ethyl sulfate for detecting maternal drinking during pregnancy. <i>Clinical Chemistry</i> , 2015 , 61, 523-32	5.5	60
150	Differentiating new cannabis use from residual urinary cannabinoid excretion in chronic, daily cannabis users. <i>Addiction</i> , 2011 , 106, 499-506	4.6	60
149	Methamphetamine disposition in oral fluid, plasma, and urine. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1098, 104-21	6.5	59
148	Nabiximols combined with motivational enhancement/cognitive behavioral therapy for the treatment of cannabis dependence: A pilot randomized clinical trial. <i>PLoS ONE</i> , 2018 , 13, e0190768	3.7	58
147	Cannabis effects on driving longitudinal control with and without alcohol. <i>Journal of Applied Toxicology</i> , 2016 , 36, 1418-29	4.1	56
146	Identification of AB-FUBINACA metabolites in human hepatocytes and urine using high-resolution mass spectrometry. <i>Forensic Toxicology</i> , 2015 , 33, 295-310	2.6	55
145	Cannabinoid disposition in oral fluid after controlled smoked, vaporized, and oral cannabis administration. <i>Drug Testing and Analysis</i> , 2017 , 9, 905-915	3.5	55
144	A liquid chromatography tandem mass spectrometry method for the simultaneous quantification of 20 drugs of abuse and metabolites in human meconium. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1977-90	4.4	55
143	Metabolism of Carfentanil, an Ultra-Potent Opioid, in Human Liver Microsomes and Human Hepatocytes by High-Resolution Mass Spectrometry. <i>AAPS Journal</i> , 2016 , 18, 1489-1499	3.7	55
142	Nicotine metabolite ratio (3-hydroxycotinine/cotinine) in plasma and urine by different analytical methods and laboratories: implications for clinical implementation. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1239-46	4	54

141	Subjective and physiological effects, and expired carbon monoxide concentrations in frequent and occasional cannabis smokers following smoked, vaporized, and oral cannabis administration. <i>Drug and Alcohol Dependence</i> , 2017 , 175, 67-76	4.9	53
140	Effects of fixed or self-titrated dosages of Sativex on cannabis withdrawal and cravings. <i>Drug and Alcohol Dependence</i> , 2016 , 161, 298-306	4.9	53
139	Simultaneous determination of nicotine, cotinine, norcotinine, and trans-3Rhydroxycotinine in human oral fluid using solid phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 814, 233-40	3.2	53
138	High-throughput simultaneous analysis of buprenorphine, methadone, cocaine, opiates, nicotine, and metabolites in oral fluid by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 398, 915-24	4.4	50
137	LC-ESI-MS/MS analysis for the quantification of morphine, codeine, morphine-3-beta-D-glucuronide, morphine-6-beta-D-glucuronide, and codeine-6-beta-D-glucuronide in human urine. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 1412-6	2.2	50
136	Metabolic profiling of new synthetic cannabinoids AMB and 5F-AMB by human hepatocyte and liver microsome incubations and high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 1067-78	2.2	49
135	Cannabis in sport: anti-doping perspective. <i>Sports Medicine</i> , 2011 , 41, 949-66	10.6	49
134	Quantification of nicotine, cotinine, trans-3Rhydroxycotinine, norcotinine and norcotinine in human meconium by liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 863, 107-14	3.2	48
133	Validation of the only commercially available immunoassay for synthetic cathinones in urine: Randox Drugs of Abuse V Biochip Array Technology. <i>Drug Testing and Analysis</i> , 2014 , 6, 728-38	3.5	47
132	Synthetic cathinone pharmacokinetics, analytical methods, and toxicological findings from human performance and postmortem cases. <i>Drug Metabolism Reviews</i> , 2016 , 48, 237-65	7	46
131	In Vitro and In Vivo Human Metabolism of Synthetic Cannabinoids FDU-PB-22 and FUB-PB-22. <i>AAPS Journal</i> , 2016 , 18, 455-64	3.7	45
130	Quantification of cannabinoids and their free and glucuronide metabolites in whole blood by disposable pipette extraction and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016 , 1453, 34-42	4.5	44
129	Effect of Blood Collection Time on Measured Δ -Tetrahydrocannabinol Concentrations: Implications for Driving Interpretation and Drug Policy. <i>Clinical Chemistry</i> , 2016 , 62, 367-77	5.5	44
128	Intra- and intersubject whole blood/plasma cannabinoid ratios determined by 2-dimensional, electron impact GC-MS with cryofocusing. <i>Clinical Chemistry</i> , 2009 , 55, 1188-95	5.5	44
127	Excretion of Delta9-tetrahydrocannabinol in sweat. <i>Forensic Science International</i> , 2008 , 174, 173-7	2.6	44
126	Evaluation of a homogenous enzyme immunoassay for the detection of synthetic cannabinoids in urine. <i>Forensic Science International</i> , 2014 , 241, 27-34	2.6	42
125	Development and validation of a solid-phase extraction gas chromatography-mass spectrometry method for the simultaneous quantification of methadone, heroin, cocaine and metabolites in sweat. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 392, 115-27	4.4	42
124	Quantification of six cannabinoids and metabolites in oral fluid by liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2015 , 7, 684-94	3.5	41

123	Simultaneous and sensitive measurement of nicotine, cotinine, trans-3Rhydroxycotinine and norcotinine in human plasma by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3537-42	3.2	41
122	4-Methoxy-EPVP: in silico prediction, metabolic stability, and metabolite identification by human hepatocyte incubation and high-resolution mass spectrometry. <i>Forensic Toxicology</i> , 2016 , 34, 61-75	2.6	40
121	In vitro, in vivo and in silico metabolic profiling of Epyrrolidinopentiothiophenone, a novel thiophene stimulant. <i>Bioanalysis</i> , 2016 , 8, 65-82	2.1	40
120	Oral fluid testing: promises and pitfalls. <i>Clinical Chemistry</i> , 2011 , 57, 805-10	5.5	39
119	Oral fluid cannabinoid concentrations following controlled smoked cannabis in chronic frequent and occasional smokers. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 8451-61	4.4	38
118	Simultaneous quantification of 11 cannabinoids and metabolites in human urine by liquid chromatography tandem mass spectrometry using WAX-S tips. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 6461-71	4.4	37
117	3,4-Methylenedioxypropylvalerone (MDPV) and metabolites quantification in human and rat plasma by liquid chromatography-high resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 827, 54-63	6.6	37
116	Simultaneous quantification of (Δ)-tetrahydrocannabinol, 11-nor-9-carboxy-tetrahydrocannabinol, cannabidiol and cannabinol in oral fluid by microflow-liquid chromatography-high resolution mass spectrometry. <i>Journal of Chromatography A</i> , 2013 , 1297, 123-30	4.5	37
115	In vitro stability of free and glucuronidated cannabinoids in blood and plasma following controlled smoked cannabis. <i>Clinical Chemistry</i> , 2013 , 59, 1108-17	5.5	37
114	Simultaneous analysis of buprenorphine, methadone, cocaine, opiates and nicotine metabolites in sweat by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 69-78	4.4	37
113	Disposition of cannabinoids in oral fluid after controlled around-the-clock oral THC administration. <i>Clinical Chemistry</i> , 2010 , 56, 1261-9	5.5	37
112	Maternal methadone dose, placental methadone concentrations, and neonatal outcomes. <i>Clinical Chemistry</i> , 2011 , 57, 449-58	5.5	37
111	Excretion of methamphetamine and amphetamine in human sweat following controlled oral methamphetamine administration. <i>Clinical Chemistry</i> , 2008 , 54, 172-80	5.5	37
110	A validated method for the determination of nicotine, cotinine, trans-3Rhydroxycotinine, and norcotinine in human plasma using solid-phase extraction and liquid chromatography-atmospheric pressure chemical ionization-mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 815-21	2.2	37
109	Estimating time of last oral ingestion of cannabis from plasma THC and THCCOOH concentrations. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 540-4	3.2	37
108	Performance characteristics of the Cozart RapiScan Oral Fluid Drug Testing System for opiates in comparison to ELISA and GC/MS following controlled codeine administration. <i>Forensic Science International</i> , 2004 , 141, 41-8	2.6	37
107	Fatty Acid Amide Hydrolase Binding in Brain of Cannabis Users: Imaging With the Novel Radiotracer [C]CURB. <i>Biological Psychiatry</i> , 2016 , 80, 691-701	7.9	37
106	Distinguishing Intake of New Synthetic Cannabinoids ADB-PINACA and 5F-ADB-PINACA with Human Hepatocyte Metabolites and High-Resolution Mass Spectrometry. <i>Clinical Chemistry</i> , 2017 , 63, 1008-1021	5.5	36

105	High-resolution mass spectrometric metabolite profiling of a novel synthetic designer drug, N-(adamantan-1-yl)-1-(5-fluoropentyl)-1H-indole-3-carboxamide (STS-135), using cryopreserved human hepatocytes and assessment of metabolic stability with human liver microsomes. <i>Drug Testing and Analysis</i> , 2015 , 7, 187-98	3.5	36
104	Cannabis withdrawal in chronic, frequent cannabis smokers during sustained abstinence within a closed residential environment. <i>American Journal on Addictions</i> , 2014 , 23, 234-42	3.7	36
103	Cocaine and metabolites urinary excretion after controlled smoked administration. <i>Journal of Analytical Toxicology</i> , 2007 , 31, 462-8	2.9	35
102	Rapid quantitative chiral amphetamines liquid chromatography-tandem mass spectrometry: method in plasma and oral fluid with a cost-effective chiral derivatizing reagent. <i>Journal of Chromatography A</i> , 2014 , 1358, 68-74	4.5	34
101	Liquid chromatographic/electrospray ionization tandem mass spectrometric analysis for the quantification of buprenorphine, norbuprenorphine, buprenorphine-3-beta-D-glucuronide and norbuprenorphine-3-beta-D-glucuronide in human plasma. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 70-4	2.2	34
100	First metabolic profile of PV8, a novel synthetic cathinone, in human hepatocytes and urine by high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 4845-56	4.4	34
99	Cannabinoids in oral fluid by on-site immunoassay and by GC-MS using two different oral fluid collection devices. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4117-28	4.4	33
98	Predictive model accuracy in estimating last 9-tetrahydrocannabinol (THC) intake from plasma and whole blood cannabinoid concentrations in chronic, daily cannabis smokers administered subchronic oral THC. <i>Drug and Alcohol Dependence</i> , 2012 , 125, 313-9	4.9	33
97	Development and validation of a liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry method for simultaneous analysis of 10 amphetamine-, methamphetamine- and 3,4-methylenedioxyamphetamine-related (MDMA) analytes in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 827, 191-204	3.2	33
96	Determination of methadone, 2-ethylidene-1,5-dimethyl-3,3-diphenylpyrrolidine, 2-ethyl-5-methyl-3,3-diphenylpyrrolidine and methadol in meconium by liquid chromatography atmospheric pressure chemical ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 814, 369-73	3.2	33
95	Mu Opioid Receptor Binding Correlates with Nicotine Dependence and Reward in Smokers. <i>PLoS ONE</i> , 2014 , 9, e113694	3.7	32
94	Validation of a two-dimensional gas chromatography mass spectrometry method for the simultaneous quantification of cannabidiol, Delta(9)-tetrahydrocannabinol (THC), 11-hydroxy-THC, and 11-nor-9-carboxy-THC in plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 603-11	4.4	32
93	Umbilical cord monitoring of in utero drug exposure to buprenorphine and correlation with maternal dose and neonatal outcomes. <i>Journal of Analytical Toxicology</i> , 2010 , 34, 498-505	2.9	31
92	Optimization and validation of a liquid chromatography-tandem mass spectrometry method for the simultaneous quantification of nicotine, cotinine, trans-3Rhydroxycotinine and norcotinine in human oral fluid. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 2349-57	4.4	31
91	Drug Recognition Expert (DRE) examination characteristics of cannabis impairment. <i>Accident Analysis and Prevention</i> , 2016 , 92, 219-29	6.1	31
90	In vitro and in vivo human metabolism of a new synthetic cannabinoid NM-2201 (CBL-2201). <i>Forensic Toxicology</i> , 2017 , 35, 20-32	2.6	30
89	Plasma Cannabinoid Pharmacokinetics After Controlled Smoking and Ad libitum Cannabis Smoking in Chronic Frequent Users. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 580-7	2.9	30
88	Controlled vaporized cannabis, with and without alcohol: subjective effects and oral fluid-blood cannabinoid relationships. <i>Drug Testing and Analysis</i> , 2016 , 8, 690-701	3.5	30

87	Cannabis Edibles: Blood and Oral Fluid Cannabinoid Pharmacokinetics and Evaluation of Oral Fluid Screening Devices for Predicting Δ^9 Tetrahydrocannabinol in Blood and Oral Fluid following Cannabis Brownie Administration. <i>Clinical Chemistry</i> , 2017 , 63, 647-662	5.5	29
86	Validation of a novel method to identify in utero ethanol exposure: simultaneous meconium extraction of fatty acid ethyl esters, ethyl glucuronide, and ethyl sulfate followed by LC-MS/MS quantification. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1945-55	4.4	29
85	Urinary cannabinoid disposition in occasional and frequent smokers: is THC-glucuronide in sequential urine samples a marker of recent use in frequent smokers?. <i>Clinical Chemistry</i> , 2014 , 60, 361-72 ⁵	5.5	29
84	Impact of enzymatic and alkaline hydrolysis on CBD concentration in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 4679-89	4.4	29
83	Development and validation of a disk solid phase extraction and gas chromatography-mass spectrometry method for MDMA, MDA, HMMA, HMA, MDEA, methamphetamine and amphetamine in sweat. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 852, 450-8	3.2	29
82	Metabolite Profiling of ADB-FUBINACA, A New Synthetic Cannabinoid. <i>Current Neuropharmacology</i> , 2017 , 15, 682-691	7.6	29
81	A preliminary evaluation of the relationship of cannabinoid blood concentrations with the analgesic response to vaporized cannabis. <i>Journal of Pain Research</i> , 2016 , 9, 587-98	2.9	29
80	Performance characteristics of an ELISA screening assay for urinary synthetic cannabinoids. <i>Drug Testing and Analysis</i> , 2015 , 7, 467-74	3.5	28
79	Acute effects of intravenous cocaine administration on serum concentrations of ghrelin, amylin, glucagon-like peptide-1, insulin, leptin and peptide YY and relationships with cardiorespiratory and subjective responses. <i>Drug and Alcohol Dependence</i> , 2017 , 180, 68-75	4.9	28
78	Quantitative urine confirmatory testing for synthetic cannabinoids in randomly collected urine specimens. <i>Drug Testing and Analysis</i> , 2015 , 7, 483-93	3.5	27
77	Cannabinoid disposition in oral fluid after controlled cannabis smoking in frequent and occasional smokers. <i>Drug Testing and Analysis</i> , 2014 , 6, 1002-10	3.5	27
76	Metabolic characterization of AH-7921, a synthetic opioid designer drug: in vitro metabolic stability assessment and metabolite identification, evaluation of in silico prediction, and in vivo confirmation. <i>Drug Testing and Analysis</i> , 2016 , 8, 779-91	3.5	27
75	Extended plasma cannabinoid excretion in chronic frequent cannabis smokers during sustained abstinence and correlation with psychomotor performance. <i>Drug Testing and Analysis</i> , 2016 , 8, 682-9	3.5	26
74	Morphine and codeine concentrations in human urine following controlled poppy seeds administration of known opiate content. <i>Forensic Science International</i> , 2014 , 241, 87-90	2.6	26
73	Can oral fluid cannabinoid testing monitor medication compliance and/or cannabis smoking during oral THC and oromucosal Sativex administration?. <i>Drug and Alcohol Dependence</i> , 2013 , 130, 68-76	4.9	26
72	Simultaneous quantification of nicotine, opioids, cocaine, and metabolites in human fetal postmortem brain by liquid chromatography tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 1957-65	4.4	26
71	Urinary prevalence, metabolite detection rates, temporal patterns and evaluation of suitable LC-MS/MS targets to document synthetic cannabinoid intake in US military urine specimens. <i>Clinical Chemistry and Laboratory Medicine</i> , 2015 , 53, 423-34	5.9	25
70	Prenatal methadone exposure, meconium biomarker concentrations and neonatal abstinence syndrome. <i>Addiction</i> , 2010 , 105, 2151-9	4.6	25

69	Development and validation of a liquid chromatography mass spectrometry assay for the simultaneous quantification of methadone, cocaine, opiates and metabolites in human umbilical cord. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3065-71	3.2	25
68	Evaluation of divided attention psychophysical task performance and effects on pupil sizes following smoked, vaporized and oral cannabis administration. <i>Journal of Applied Toxicology</i> , 2017 , 37, 922-932	4.1	24
67	Cannabinoids and metabolites in expectorated oral fluid after 8 days of controlled around-the-clock oral THC administration. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 599-607	4.4	24
66	Simultaneous quantification of buprenorphine, norbuprenorphine, buprenorphine-glucuronide and norbuprenorphine-glucuronide in human umbilical cord by liquid chromatography tandem mass spectrometry. <i>Forensic Science International</i> , 2009 , 188, 144-51	2.6	24
65	Effect of hydrolysis on identifying prenatal cannabis exposure. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 2335-47	4.4	24
64	Oral fluid/plasma cannabinoid ratios following controlled oral THC and smoked cannabis administration. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 7269-79	4.4	23
63	Long-term stability of cannabinoids in oral fluid after controlled cannabis administration. <i>Drug Testing and Analysis</i> , 2017 , 9, 143-147	3.5	23
62	Quantification of cocaine and metabolites in exhaled breath by liquid chromatography-high-resolution mass spectrometry following controlled administration of intravenous cocaine. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 6213-23	4.4	23
61	Simultaneous quantification of nicotine, cotinine, trans-3Rhydroxycotinine, norcotinine and mecamlamine in human urine by liquid chromatography-tandem mass spectrometry. <i>Clinica Chimica Acta</i> , 2012 , 413, 978-84	6.2	23
60	Sensitive gas chromatography-mass spectrometry method for simultaneous measurement of MDEA, MDMA, and metabolites HMA, MDA, and HMMA in human urine. <i>Clinical Chemistry</i> , 2006 , 52, 1728-34	5.5	23
59	Effects of oral, smoked, and vaporized cannabis on endocrine pathways related to appetite and metabolism: a randomized, double-blind, placebo-controlled, human laboratory study. <i>Translational Psychiatry</i> , 2020 , 10, 71	8.6	22
58	A validated positive chemical ionization GC/MS method for the identification and quantification of amphetamine, opiates, cocaine, and metabolites in human postmortem brain. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 175-84	2.2	22
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