

# Barry K Logan

## List of Publications by Citations

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146  
papers

3,556  
citations

35  
h-index

51  
g-index

155  
ext. papers

4,184  
ext. citations

2.6  
avg, IF

5.87  
L-index

#	Paper	IF	Citations
146	Analysis of Novel Synthetic Opioids U-47700, U-50488 and Furanyl Fentanyl by LC-MS/MS in Postmortem Casework. <i>Journal of Analytical Toxicology</i> , <b>2016</b> , 40, 709-717	2.9	130
145	Analysis of MT-45, a Novel Synthetic Opioid, in Human Whole Blood by LC-MS-MS and its Identification in a Drug-Related Death. <i>Journal of Analytical Toxicology</i> , <b>2016</b> , 40, 313-7	2.9	112
144	Synthetic cannabinoid drug use as a cause or contributory cause of death. <i>Forensic Science International</i> , <b>2016</b> , 260, 31-39	2.6	104
143	Reports of Adverse Events Associated with Use of Novel Psychoactive Substances, 2013-2016: A Review. <i>Journal of Analytical Toxicology</i> , <b>2017</b> , 41, 573-610	2.9	96
142	Development and validation of a liquid chromatography-tandem mass spectrometry method for the identification and quantification of JWH-018, JWH-073, JWH-019, and JWH-250 in human whole blood. <i>Journal of Analytical Toxicology</i> , <b>2011</b> , 35, 386-93	2.9	96
141	Identification of synthetic cannabinoids in herbal incense blends in the United States. <i>Journal of Forensic Sciences</i> , <b>2012</b> , 57, 1168-80	1.8	93
140	Cause and Manner of Death in Fatalities Involving Methamphetamine. <i>Journal of Forensic Sciences</i> , <b>1998</b> , 43, 16085J	1.8	90
139	Identification of tramadol and its metabolites in blood from drug-related deaths and drug-impaired drivers. <i>Journal of Analytical Toxicology</i> , <b>1997</b> , 21, 529-37	2.9	85
138	Determination of gamma-hydroxybutyrate (GHB) in biological specimens by gas chromatography--mass spectrometry. <i>Journal of Analytical Toxicology</i> , <b>2000</b> , 24, 1-7	2.9	83
137	Analysis of Fentanyl and 18 Novel Fentanyl Analogs and Metabolites by LC-MS-MS, and report of Fatalities Associated with Methoxyacetylfentanyl and Cyclopropylfentanyl. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 592-604	2.9	81
136	Validation of a novel immunoassay for the detection of synthetic cannabinoids and metabolites in urine specimens. <i>Journal of Analytical Toxicology</i> , <b>2013</b> , 37, 284-90	2.9	71
135	A Novel Oral Fluid Assay (LC-QTOF-MS) for the Detection of Fentanyl and Clandestine Opioids in Oral Fluid After Reported Heroin Overdose. <i>Journal of Medical Toxicology</i> , <b>2017</b> , 13, 287-292	2.6	70
134	Blood cocaine and metabolite concentrations, clinical findings, and outcome of patients presenting to an ED. <i>American Journal of Emergency Medicine</i> , <b>2000</b> , 18, 593-8	2.9	60
133	Methadone levels in breast milk. <i>Journal of Human Lactation</i> , <b>1997</b> , 13, 227-30	2.6	57
132	Changing patterns of drug and alcohol use in fatally injured drivers in Washington State. <i>Journal of Forensic Sciences</i> , <b>2006</b> , 51, 1191-8	1.8	57
131	Simultaneous analysis of 22 antiepileptic drugs in postmortem blood, serum and plasma using LC-MS-MS with a focus on their role in forensic cases. <i>Journal of Analytical Toxicology</i> , <b>2014</b> , 38, 485-94	2.9	55
130	Blood synthetic cannabinoid concentrations in cases of suspected impaired driving. <i>Journal of Analytical Toxicology</i> , <b>2013</b> , 37, 547-51	2.9	55

129	Two deaths attributed to the use of 2,4-dinitrophenol. <i>Journal of Analytical Toxicology</i> , <b>2006</b> , 30, 219-22	2.9	52
128	Methamphetamine and Driving Impairment. <i>Journal of Forensic Sciences</i> , <b>1996</b> , 41, 13935J	1.8	51
127	Detection of the novel metabolite ethylphenidate after methylphenidate overdose with alcohol coingestion. <i>Journal of Clinical Psychopharmacology</i> , <b>1999</b> , 19, 362-6	1.7	49
126	Recommendations for Toxicological Investigation of Drug-Impaired Driving and Motor Vehicle Fatalities-2017 Update. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 63-68	2.9	47
125	Five deaths resulting from abuse of dextromethorphan sold over the internet. <i>Journal of Analytical Toxicology</i> , <b>2009</b> , 33, 99-103	2.9	47
124	Amphetamines: an update on forensic issues. <i>Journal of Analytical Toxicology</i> , <b>2001</b> , 25, 400-4	2.9	45
123	Analysis of fentanyl analogs and novel synthetic opioids in blood, serum/plasma, and urine in forensic casework. <i>Drug Testing and Analysis</i> , <b>2018</b> , 10, 1358-1367	3.5	43
122	N-Ethyl Pentylone (Ephylone) Intoxications: Quantitative Confirmation and Metabolite Identification in Authentic Human Biological Specimens. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 467-473	2.9	42
121	Three fatal drug overdoses involving bupropion. <i>Journal of Analytical Toxicology</i> , <b>1993</b> , 17, 436-8	2.9	42
120	Use of synthetic stimulants and hallucinogens in a cohort of electronic dance music festival attendees. <i>Forensic Science International</i> , <b>2018</b> , 282, 168-178	2.6	42
119	Fatality Following Ingestion of Tetrahydrofuranylfentanyl, U-49900 and Methoxy-Phencyclidine. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, e27-e32	2.9	40
118	Ethanol content of various foods and soft drinks and their potential for interference with a breath-alcohol test. <i>Journal of Analytical Toxicology</i> , <b>1998</b> , 22, 181-3	2.9	40
117	Recommendations for toxicological investigation of drug impaired driving. <i>Journal of Forensic Sciences</i> , <b>2007</b> , 52, 1214-8	1.8	39
116	Metabolism of novel opioid agonists U-47700 and U-49900 using human liver microsomes with confirmation in authentic urine specimens from drug users. <i>Drug Testing and Analysis</i> , <b>2018</b> , 10, 127-136	3.5	37
115	Prevalence of drug use in commercial tractor-trailer drivers. <i>Journal of Forensic Sciences</i> , <b>2002</b> , 47, 562-7	1.8	36
114	A multi-drug intoxication fatality involving Xyrem (GHB). <i>Journal of Forensic Sciences</i> , <b>2009</b> , 54, 495-6	1.8	35
113	Suspected GHB overdoses in the emergency department. <i>Journal of Analytical Toxicology</i> , <b>2004</b> , 28, 481-4	2.9	35
112	Postmortem Distribution and Redistribution of Morphine in Man. <i>Journal of Forensic Sciences</i> , <b>1996</b> , 41, 15417J	1.8	35

111	Isotonitazene Quantitation and Metabolite Discovery in Authentic Forensic Casework. <i>Journal of Analytical Toxicology</i> , <b>2020</b> , 44, 521-530	2.9	34
110	Detection and prevalence of drug use in arrested drivers using the Dräger Drug Test 5000 and Affiniton DrugWipe oral fluid drug screening devices. <i>Journal of Analytical Toxicology</i> , <b>2014</b> , 38, 444-50	2.9	34
109	Recommendations for toxicological investigation of drug-impaired driving and motor vehicle fatalities. <i>Journal of Analytical Toxicology</i> , <b>2013</b> , 37, 552-8	2.9	33
108	Variability of ethanol absorption and breath concentrations during a large-scale alcohol administration study. <i>Alcoholism: Clinical and Experimental Research</i> , <b>1995</b> , 19, 1055-60	3.7	33
107	Dextromethorphan abuse leading to assault, suicide, or homicide. <i>Journal of Forensic Sciences</i> , <b>2012</b> , 57, 1388-94	1.8	32
106	Self-identification of nonpharmaceutical fentanyl exposure following heroin overdose. <i>Clinical Toxicology</i> , <b>2018</b> , 56, 37-42	2.9	30
105	GHB and Driving Impairment. <i>Journal of Forensic Sciences</i> , <b>2001</b> , 46, 15070J	1.8	30
104	Trazodone, meta-chlorophenylpiperazine (an hallucinogenic drug and trazodone metabolite), and the hallucinogen trifluoromethylphenylpiperazine cross-react with the EMIT II ecstasy immunoassay in urine. <i>Journal of Analytical Toxicology</i> , <b>2010</b> , 34, 587-9	2.9	29
103	Detection of cocaine and its polar transformation products and metabolites in human urine. <i>Forensic Science International</i> , <b>1995</b> , 73, 183-96	2.6	29
102	4F-MDMB-BINACA: A New Synthetic Cannabinoid Widely Implicated in Forensic Casework. <i>Journal of Forensic Sciences</i> , <b>2019</b> , 64, 1451-1461	1.8	28
101	Liquid chromatography with photodiode array spectrophotometric detection in the forensic sciences. <i>Analytica Chimica Acta</i> , <b>1994</b> , 288, 111-122	6.6	28
100	Carisoprodol, Meprobamate, and Driving Impairment. <i>Journal of Forensic Sciences</i> , <b>2000</b> , 45, 14738J	1.8	28
99	Postmortem Forensic Toxicology of Selective Serotonin Reuptake Inhibitors: A Review of Pharmacology and Report of 168 Cases. <i>Journal of Forensic Sciences</i> , <b>2000</b> , 45, 14740J	1.8	28
98	The Opioid Epidemic: Moving Toward an Integrated, Holistic Analytical Response. <i>Journal of Analytical Toxicology</i> , <b>2019</b> , 43, 1-9	2.9	28
97	Detection of Cutting Agents in Drug-Positive Seized Exhibits within the United States. <i>Journal of Forensic Sciences</i> , <b>2019</b> , 64, 888-896	1.8	27
96	Observed Carfentanil Concentrations in 355 Blood Specimens from Forensic Investigations. <i>Journal of Analytical Toxicology</i> , <b>2017</b> , 41, 777-778	2.9	26
95	Zolpidem and Driving Impairment. <i>Journal of Forensic Sciences</i> , <b>2001</b> , 46, 14919J	1.8	26
94	3,4-Methylenedioxymethamphetamine (MDMA, Ecstasy) and Driving Impairment. <i>Journal of Forensic Sciences</i> , <b>2001</b> , 46, 15166J	1.8	25

93	Rapid and sensitive screening and confirmation of thirty-four aminocarbonyl/carboxamide (NACA) and arylindole synthetic cannabinoid drugs in human whole blood. <i>Drug Testing and Analysis</i> , <b>2017</b> , 9, 924-934	3.5	24
92	Analysis of ketorolac in postmortem blood. <i>Journal of Analytical Toxicology</i> , <b>1995</b> , 19, 61-4	2.9	24
91	High-Performance Liquid Chromatography with Column Switching for the Determination of Cocaine and Benzoyllecgonine Concentrations in Vitreous Humor. <i>Journal of Forensic Sciences</i> , <b>1990</b> , 35, 12964J	1.8	24
90	Identification of mitragynine and O-desmethyltramadol in Kratom and legal high products sold online. <i>Drug Testing and Analysis</i> , <b>2014</b> , 6, 959-63	3.5	22
89	Enzyme-linked immunosorbent assay (ELISA) for the detection of use of the synthetic cannabinoid agonists UR-144 and XLR-11 in human urine. <i>Journal of Analytical Toxicology</i> , <b>2014</b> , 38, 427-31	2.9	21
88	Sequential-injection extraction for sample preparation. <i>Analytica Chimica Acta</i> , <b>1997</b> , 337, 99-106	6.6	21
87	Drug and Alcohol Use in Fatally Injured Drivers in Washington State. <i>Journal of Forensic Sciences</i> , <b>1996</b> , 41, 13945J	1.8	21
86	Gas Chromatography-Mass Spectrometry Method for the Quantitative Identification of 23 New Psychoactive Substances in Blood and Urine. <i>Journal of Analytical Toxicology</i> , <b>2019</b> , 43, 346-352	2.9	19
85	The Detection of Novel Stimulants in Oral Fluid from Users Reporting Ecstasy, Molly and MDMA Ingestion. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 544-553	2.9	19
84	Field Detection of Drugs of Abuse in Oral Fluid Using the Alere iDDSC 2 Mobile Test System with Confirmation by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS). <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 170-176	2.9	18
83	Differential physiological and behavioral cues observed in individuals smoking botanical marijuana versus synthetic cannabinoid drugs. <i>Clinical Toxicology</i> , <b>2016</b> , 54, 14-9	2.9	18
82	Tramadol (Ultram ) Concentrations in Death Investigation and Impaired Driving Cases and Their Significance. <i>Journal of Forensic Sciences</i> , <b>2004</b> , 49, 1-5	1.8	18
81	Assessment of a portable quadrupole-based gas chromatography mass spectrometry for seized drug analysis. <i>Forensic Science International</i> , <b>2020</b> , 313, 110342	2.6	17
80	Multiple cocaine-induced seizures and corresponding cocaine and metabolite concentrations. <i>American Journal of Emergency Medicine</i> , <b>1998</b> , 16, 529-33	2.9	17
79	The origin and significance of ecgonine methyl ester in blood samples. <i>Journal of Analytical Toxicology</i> , <b>1994</b> , 18, 124-5	2.9	17
78	Sample Mining and Data Mining: Combined Real-Time and Retrospective Approaches for the Identification of Emerging Novel Psychoactive Substances. <i>Journal of Forensic Sciences</i> , <b>2020</b> , 65, 550-562 <sup>1.8</sup>		17
77	Emerging Synthetic Cannabinoids: Development and Validation of a Novel Liquid Chromatography Quadrupole Time-of-Flight Mass Spectrometry Assay for Real-Time Detection. <i>Journal of Analytical Toxicology</i> , <b>2020</b> , 44, 207-217	2.9	17
76	Brorphine-Investigation and quantitation of a new potent synthetic opioid in forensic toxicology casework using liquid chromatography-mass spectrometry. <i>Journal of Forensic Sciences</i> , <b>2021</b> , 66, 664-676 <sup>1.8</sup>		17

75	Addicted to driving under the influence--a GHB/GBL case report. <i>Journal of Analytical Toxicology</i> , <b>2004</b> , 28, 512-5	2.9	16
74	Lorazepam and driving impairment. <i>Journal of Analytical Toxicology</i> , <b>2004</b> , 28, 475-80	2.9	16
73	Metabolic Profile Determination of NBOMe Compounds Using Human Liver Microsomes and Comparison with Findings in Authentic Human Blood and Urine. <i>Journal of Analytical Toxicology</i> , <b>2017</b> , 41, 646-657	2.9	15
72	Dibutylone (bk-DMBDB): Intoxications, Quantitative Confirmations and Metabolism in Authentic Biological Specimens. <i>Journal of Analytical Toxicology</i> , <b>2018</b> , 42, 437-445	2.9	15
71	Epidemiology of MDMA and associated club drugs in the Seattle area. <i>Substance Use and Misuse</i> , <b>2005</b> , 40, 1295-315	2.2	15
70	Photodegradation of nifedipine relative to nitrendipine evaluated by liquid and gas chromatography. <i>Biomedical Applications</i> , <b>1990</b> , 529, 175-81		15
69	Case Report: Distribution of Methamphetamine in a Massive Fatal Ingestion. <i>Journal of Forensic Sciences</i> , <b>1996</b> , 41, 15437J	1.8	15
68	Differences in state drug testing and reporting by driver type in U.S. fatal traffic crashes. <i>Accident Analysis and Prevention</i> , <b>2016</b> , 92, 122-9	6.1	14
67	Simplified analysis of 11-hydroxy-delta-9-tetrahydrocannabinol and 11-carboxy-delta-9-tetrahydrocannabinol in human meconium: method development and validation. <i>Journal of Analytical Toxicology</i> , <b>2015</b> , 39, 35-40	2.9	14
66	Toluene-impaired drivers: behavioral observations, impairment assessment, and toxicological findings. <i>Journal of Forensic Sciences</i> , <b>2009</b> , 54, 486-9	1.8	14
65	Topiramate-positive death-investigation and impaired-driving cases in Washington State. <i>Journal of Analytical Toxicology</i> , <b>2006</b> , 30, 599-602	2.9	14
64	An Evaluation of the Reliability of Widmark Calculations Based on Breath Alcohol Measurements. <i>Journal of Forensic Sciences</i> , <b>1995</b> , 40, 13767J	1.8	14
63	The next generation of synthetic cannabinoids: Detection, activity, and potential toxicity of pent-4en and but-3en analogues including MDMB-4en-PINACA. <i>Drug Testing and Analysis</i> , <b>2021</b> , 13, 427-438	2.5	14
62	Case Report: Synthetic Cannabinoid Deaths in State of Florida Prisoners. <i>Journal of Analytical Toxicology</i> , <b>2020</b> , 44, 298-300	2.9	13
61	Alcohol Content of Beer and Malt Beverages: Forensic Considerations. <i>Journal of Forensic Sciences</i> , <b>1999</b> , 44, 14603J	1.8	12
60	Evaluation of Synthetic Cannabinoid Metabolites in Human Blood in the Absence of Parent Compounds: A Stability Assessment. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 60-68	2.9	12
59	Flualprazolam Blood Concentrations in 197 Forensic Investigation Cases. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 226-232	2.9	12
58	Case Series of Novel Illicit Opioid-Related Deaths. <i>Academic Forensic Pathology</i> , <b>2017</b> , 7, 477-486	0.3	11

57	The Trouble With Kratom: Analytical and Interpretative Issues Involving Mitragynine. <i>Journal of Analytical Toxicology</i> , <b>2019</b> , 43, 615-629	2.9	11
56	Metabolic profiling of synthetic cannabinoid 5F-ADB and identification of metabolites in authentic human blood samples via human liver microsome incubation and ultra-high-performance liquid chromatography/high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2020</b> , 34, e8908	2.2	11
55	The Rise and Fall of Isotonitazene and Brorphine: Two Recent Stars in the Synthetic Opioid Firmament. <i>Journal of Analytical Toxicology</i> , <b>2021</b> ,	2.9	11
54	Validation of a Fully Automated Immunoaffinity Workflow for the Detection and Quantification of Insulin Analogs by LC-MS-MS in Postmortem Vitreous Humor. <i>Journal of Analytical Toxicology</i> , <b>2019</b> , 43, 505-511	2.9	10
53	Combined dextromethorphan and chlorpheniramine intoxication in impaired drivers. <i>Journal of Forensic Sciences</i> , <b>2009</b> , 54, 1176-80	1.8	10
52	A Rapid Method for the Determination of Cocaine in Brain Tissue. <i>Journal of Forensic Sciences</i> , <b>1991</b> , 36, 13190J	1.8	10
51	Isopropanol Interference with Breath Alcohol Analysis: A Case Report. <i>Journal of Forensic Sciences</i> , <b>1994</b> , 39, 13691J	1.8	10
50	Gastric contamination of postmortem blood samples during blind-stick sample collection. <i>American Journal of Forensic Medicine and Pathology</i> , <b>1996</b> , 17, 109-11	1	10
49	Metonitazene in the United States-Forensic toxicology assessment of a potent new synthetic opioid using liquid chromatography mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2021</b> , 13, 1697-1711	3.5	10
48	Eutylone Intoxications-An Emerging Synthetic Stimulant in Forensic Investigations. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 8-20	2.9	9
47	In vitro Phase I metabolism of indazole carboxamide synthetic cannabinoid MDMB-CHMINACA via human liver microsome incubation and high-resolution mass spectrometry. <i>Drug Testing and Analysis</i> , <b>2019</b> , 11, 1264-1276	3.5	8
46	Unexpected amantadine intoxication in the death of a trauma patient. <i>American Journal of Forensic Medicine and Pathology</i> , <b>1995</b> , 16, 340-3	1	8
45	Evaluation of the Effect of Asthma Inhalers and Nasal Decongestant Sprays on a Breath Alcohol Test. <i>Journal of Forensic Sciences</i> , <b>1998</b> , 43, 16112J	1.8	8
44	Liquid/Solid Extraction on Diatomaceous Earth for Drug Analysis in Postmortem Blood. <i>Journal of Forensic Sciences</i> , <b>1989</b> , 34, 12676J	1.8	7
43	Product Tampering Crime: A Review. <i>Journal of Forensic Sciences</i> , <b>1993</b> , 38, 13489J	1.8	7
42	Levamisole-a Toxic Adulterant in Illicit Drug Preparations: a Review. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 221-228	3.2	6
41	Analysis of cis and trans 3-methylfentanyl by liquid chromatography-high resolution mass spectrometry and findings in forensic toxicology casework. <i>Drug Testing and Analysis</i> , <b>2018</b> , 10, 1474-1482	3.5	6
40	Chromatographic separation of the isobaric compounds cyclopropylfentanyl, crotonylfentanyl, methacrylfentanyl, and para-methylacrylfentanyl for specific confirmation by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2019</b> , 1118-1119, 164-170	3.2	5

39	Impact of Expanding ELISA Screening in DUID Investigations to Include Carisoprodol/Meprobamate and Zolpidem. <i>Journal of Analytical Toxicology</i> , <b>2017</b> , 41, 134-139	2.9	5
38	Butalbital and driving impairment. <i>Journal of Forensic Sciences</i> , <b>2013</b> , 58, 941-5	1.8	5
37	In Vitro Metabolic Profile Elucidation of Synthetic Cannabinoid APP-CHMINACA (PX-3). <i>Journal of Analytical Toxicology</i> , <b>2020</b> , 44, 226-236	2.9	5
36	Detection and characterization of the new synthetic cannabinoid APP-BINACA in forensic casework. <i>Drug Testing and Analysis</i> , <b>2020</b> , 12, 136-144	3.5	5
35	Analysis of the Illicit Opioid U-48800 and Related Compounds by LC-MS/MS and Case Series of Fatalities Involving U-48800. <i>Journal of Analytical Toxicology</i> , <b>2020</b> ,	2.9	5
34	Sentanyl: a comparison of blood fentanyl concentrations and naloxone dosing after non-fatal overdose. <i>Clinical Toxicology</i> , <b>2021</b> , 1-8	2.9	5
33	A Case of Unintentional Opioid (U-47700) Overdose in a Young Adult After Counterfeit Xanax Use. <i>Pediatric Emergency Care</i> , <b>2021</b> , 37, e579-e580	1.4	5
32	Pharmacological evaluation and forensic case series of N-pyrrolidino etonitazene (etonitazepyne), a newly emerging 2-benzylbenzimidazole synthetic opioid.. <i>Archives of Toxicology</i> , <b>2022</b> , 96, 1845	5.8	5
31	A survey of senior practitioners regarding most desirable qualifications for hiring and advancement within forensic science. <i>Forensic Science International (Online)</i> , <b>2019</b> , 1, 221-226	1.9	4
30	Assessment of synthetic cannabinoid FUB-AMB and its ester hydrolysis metabolite in human liver microsomes and human blood samples using UHPLC-MS/MS. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4884 <sup>17</sup>		4
29	Further applications for capillary gas chromatography in routine quantitative toxicological analyses. <i>Journal of High Resolution Chromatography</i> , <b>1990</b> , 13, 754-758		4
28	The Significance of Morphine Concentrations in the Cerebrospinal Fluid in Morphine Caused Deaths. <i>Journal of Forensic Sciences</i> , <b>1994</b> , 39, 13648J	1.8	4
27	Analytical findings in used syringes from a syringe exchange program. <i>International Journal of Drug Policy</i> , <b>2020</b> , 81, 102770	5.5	4
26	Recommendations for Toxicological Investigation of Drug-Impaired Driving and Motor Vehicle Fatalities-2021 Update. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 529-536	2.9	4
25	The Development and Validation of a Novel Designer Benzodiazepines Panel by LC-MS-MS. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 423-428	2.9	4
24	Reproducibility of within-subject breath alcohol analysis. <i>Medicine, Science and the Law</i> , <b>1998</b> , 38, 157-62 <sup>1.1</sup>		3
23	Differentiation of Diethyl Ether/Acetone and Ethanol/Acetonitrile Solvent Pairs, and Other Common Volatiles by Dual Column Headspace Gas Chromatography. <i>Journal of Forensic Sciences</i> , <b>1994</b> , 39, 13742J	1.8	3
22	Lack of Effect of Tongue Piercing on an Evidential Breath Alcohol Test. <i>Journal of Forensic Sciences</i> , <b>1998</b> , 43, 16125J	1.8	3

21	Death of an Infant Involving Benzocaine. <i>Journal of Forensic Sciences</i> , <b>2005</b> , 50, 1-3	1.8	3
20	Phase I metabolism of synthetic cannabinoid receptor agonist PX-1 (5F-APP-PICA) via incubation with human liver microsomes and UHPLC-HRMS. <i>Biomedical Chromatography</i> , <b>2020</b> , 34, e4786	1.7	3
19	The Determination of Insulin Overdose in Postmortem Investigations. <i>Academic Forensic Pathology</i> , <b>2016</b> , 6, 174-183	0.3	3
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> , <b>2021</b> , 13, 841-852	3.5	3
17	Toxicological and pharmacological characterization of novel cinnamylpiperazine synthetic opioids in humans and in vitro including 2-methyl AP-237 and AP-238.. <i>Archives of Toxicology</i> , <b>2022</b> , 1	5.8	3
16	Letter to Editor-NBOH Derivatization for the Analysis of Seized Drug Casework by GC-MS. <i>Journal of Forensic Sciences</i> , <b>2019</b> , 64, 958-960	1.8	2
15	Gc-ms analysis and post-mortem distribution of felbamate in humans. <i>Journal of Epilepsy</i> , <b>1997</b> , 10, 283-286		2
14	Results of a proposed breath alcohol proficiency test program. <i>Journal of Forensic Sciences</i> , <b>2006</b> , 51, 168-72	1.8	2
13	Identification of laudanosine, an atracurium metabolite, following a fatal drug-related shooting. <i>Journal of Analytical Toxicology</i> , <b>1993</b> , 17, 117-9	2.9	2
12	A Simple Laboratory Test for the Determination of the Chemical Form of Cocaine. <i>Journal of Forensic Sciences</i> , <b>1989</b> , 34, 12690J	1.8	2
11	A Forward-Thinking Approach to Addressing the New Synthetic Opioid 2-Benzylbenzimidazole Nitazene Analogues by Liquid Chromatography Tandem Quadrupole Mass Spectrometry (LC-QQQ-MS). <i>Journal of Analytical Toxicology</i> , <b>2021</b> ,	2.9	2
10	Letter to the Editor - Call for a Scientific Consensus Regarding the Application of Retrograde Extrapolation to Determine Blood Alcohol Content in DUI Cases. <i>Journal of Forensic Sciences</i> , <b>2018</b> , 63, 1602-1603	1.8	2
9	Respiratory failure in confirmed synthetic cannabinoid overdose. <i>Clinical Toxicology</i> , <b>2021</b> , 1-3	2.9	2
8	Cryptomarket drug acquisition leading to furanyl fentanyl overdose. <i>Forensic Toxicology</i> , <b>2018</b> , 36, 534-536		1
7	Forensic Toxicology: Scope, Challenges, Future Directions and Needs <b>2012</b> , 160-178		1
6	Poisonings Associated with Cyanide in Over the Counter Cold Medication in Washington State, 1991. <i>Journal of Forensic Sciences</i> , <b>1993</b> , 38, 13430J	1.8	1
5	Evaluating Trends in Novel Psychoactive Substances Using a Sentinel Population of Electronic Dance Music Festival Attendees. <i>Journal of Analytical Toxicology</i> , <b>2021</b> , 45, 490-497	2.9	1
4	Online surveillance of novel psychoactive substances (NPS): Monitoring Reddit discussions as a predictor of increased NPS-related exposures. <i>International Journal of Drug Policy</i> , <b>2021</b> , 98, 103393	5.5	1

3	Detection of two potent synthetic opioids carfentanil and 3-methylfentanyl in forensic investigations during a four-year period 2017-2020. <i>Emerging Trends in Drugs, Addictions, and Health</i> , <b>2021</b> , 1, 100022		o
2	Pharmacokinetics and pharmacodynamics of the synthetic cannabinoid, 5F-MDMB-PICA, in male rats. <i>Neuropharmacology</i> , <b>2021</b> , 199, 108800	5.5	o
1	Response to "Comparison of urine to oral fluid and the recommendation for routine drug analysis for driving under the influence cases". <i>Journal of Analytical Toxicology</i> , <b>2015</b> , 39, 332-3	2.9	