

Alex J Krotulski Msfs

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,148
citations

361413

20
h-index

414414

32
g-index

42
all docs

42
docs citations

42
times ranked

805
citing authors

#	ARTICLE	IF	CITATIONS
1	Concentrations of <i>para</i> -Fluorofuranylfentanyl in Paired Central and Peripheral Blood Collected during Postmortem Death Investigations. <i>Journal of Analytical Toxicology</i> , 2022, 46, 358-373.	2.8	3
2	Phenethyl-4-ANPP: A Marginally Active Byproduct Suggesting a Switch in Illicit Fentanyl Synthesis Routes. <i>Journal of Analytical Toxicology</i> , 2022, 46, 350-357.	2.8	11
3	The Rise and Fall of Isotonitazene and Brorphine: Two Recent Stars in the Synthetic Opioid Firmament. <i>Journal of Analytical Toxicology</i> , 2022, 46, 115-121.	2.8	35
4	A Forward-Thinking Approach to Addressing the New Synthetic Opioid 2-Benzylbenzimidazole Nitazene Analogs by Liquid Chromatography–Tandem Quadrupole Mass Spectrometry (LC–QQQ-MS). <i>Journal of Analytical Toxicology</i> , 2022, 46, 221-231.	2.8	19
5	Identification of synthetic cathinones in seized materials: A review of analytical strategies applied in forensic chemistry. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2022, 4, .	2.1	1
6	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> , 2022, 96, 1701-1710.	4.2	12
7	Cannabinoid–based vaping products and supplement formulations reported by consumers to precipitate adverse effects. <i>Drug Testing and Analysis</i> , 2022, , .	2.6	5
8	Reports of Adverse Events Associated with Use of Novel Psychoactive Substances, 2017–2020: A Review. <i>Journal of Analytical Toxicology</i> , 2022, 46, e116-e185.	2.8	16
9	Pharmacological evaluation and forensic case series of N-pyrrolidino etonitazene (etonitazepyne), a newly emerging 2-benzylbenzimidazole –nitazene–™ synthetic opioid. <i>Archives of Toxicology</i> , 2022, 96, 1845-1863.	4.2	22
10	Identification of a novel opioid, <i>N</i> -piperidinyl etonitazene (etonitazepipne), in patients with suspected opioid overdose. <i>Clinical Toxicology</i> , 2022, 60, 1067-1069.	1.9	7
11	Flualprazolam Blood Concentrations in 197 Forensic Investigation Cases. <i>Journal of Analytical Toxicology</i> , 2021, 45, 226-232.	2.8	27
12	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> , 2021, 13, 427-438.	2.6	38
13	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> , 2021, 66, 664-676.	1.6	29
14	Evaluating Trends in Novel Psychoactive Substances Using a Sentinel Population of Electronic Dance Music Festival Attendees. <i>Journal of Analytical Toxicology</i> , 2021, 45, 490-497.	2.8	6
15	Eutylone Intoxications–An Emerging Synthetic Stimulant in Forensic Investigations. <i>Journal of Analytical Toxicology</i> , 2021, 45, 8-20.	2.8	22
16	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> , 2021, 13, 1697-1711.	2.6	33
17	Sentanyl: a comparison of blood fentanyl concentrations and naloxone dosing after non-fatal overdose. <i>Clinical Toxicology</i> , 2021, , 1-8.	1.9	14
18	Pharmacokinetics and pharmacodynamics of the synthetic cannabinoid, 5F-MDMB-PICA, in male rats. <i>Neuropharmacology</i> , 2021, 199, 108800.	4.1	7

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19	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> , 2021, 98, 103393.	3.3	22
20	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.	2.6	28
21	Evaluation of Synthetic Cannabinoid Metabolites in Human Blood in the Absence of Parent Compounds: A Stability Assessment. <i>Journal of Analytical Toxicology</i> , 2021, 45, 60-68.	2.8	27
22	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> , 2020, 65, 550-562.	1.6	31
23	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> , 2020, 44, 207-217.	2.8	39
24	Detection and characterization of the new synthetic cannabinoid APPâ€BINACA in forensic casework. <i>Drug Testing and Analysis</i> , 2020, 12, 136-144.	2.6	16
25	U-47700 and Its Analogs: Non-Fentanyl Synthetic Opioids Impacting the Recreational Drug Market. <i>Brain Sciences</i> , 2020, 10, 895.	2.3	29
26	Isotonitazene Quantitation and Metabolite Discovery in Authentic Forensic Casework. <i>Journal of Analytical Toxicology</i> , 2020, 44, 521-530.	2.8	67
27	4Fâ€MDMBâ€BINACA: A New Synthetic Cannabinoid Widely Implicated in Forensic Casework. <i>Journal of Forensic Sciences</i> , 2019, 64, 1451-1461.	1.6	44
28	Letter to Editorâ€”NBOH Derivatization for the Analysis of Seized Drug Casework by <sc>GC</sc>â€<sc>MS</sc>. <i>Journal of Forensic Sciences</i> , 2019, 64, 958-960.	1.6	2
29	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> , 2019, 1118-1119, 164-170.	2.3	12
30	A Case of Unintentional Opioid (U-47700) Overdose in a Young Adult After Counterfeit Xanax Use. <i>Pediatric Emergency Care</i> , 2019, Publish Ahead of Print, e579-e580.	0.9	10
31	Detection of Cutting Agents in Drugâ€Positive Seized Exhibits within the United States. <i>Journal of Forensic Sciences</i> , 2019, 64, 888-896.	1.6	59
32	N-Ethyl Pentylone (Ephylone) Intoxications: Quantitative Confirmation and Metabolite Identification in Authentic Human Biological Specimens. <i>Journal of Analytical Toxicology</i> , 2018, 42, 467-475.	2.8	54
33	Fatality Following Ingestion of Tetrahydrofuranylfentanyl, U-49900 and Methoxy-Phencyclidine. <i>Journal of Analytical Toxicology</i> , 2018, 42, e27-e32.	2.8	47
34	Cryptomarket drug acquisition leading to furanyl fentanyl overdose. <i>Forensic Toxicology</i> , 2018, 36, 534-536.	2.4	4
35	Field Detection of Drugs of Abuse in Oral Fluid Using the Alereâ„¦ DDSâ„¦2 Mobile Test System with Confirmation by Liquid Chromatography Tandem Mass Spectrometry (LCâ€MS/MS). <i>Journal of Analytical Toxicology</i> , 2018, 42, 170-176.	2.8	25
36	Dibutylone (bk-DMBDB): Intoxications, Quantitative Confirmations and Metabolism in Authentic Biological Specimens. <i>Journal of Analytical Toxicology</i> , 2018, 42, 437-445.	2.8	19

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37	Metabolism of novel opioid agonists Uâ€47700 and Uâ€49900 using human liver microsomes with confirmation in authentic urine specimens from drug users. <i>Drug Testing and Analysis</i> , 2018, 10, 127-136.	2.6	48
38	The Detection of Novel Stimulants in Oral Fluid from Users Reporting Ecstasy, Molly and MDMA Ingestion. <i>Journal of Analytical Toxicology</i> , 2018, 42, 544-553.	2.8	33
39	Coma, Seizures, Atrioventricular Block, and Hypoglycemia in an ADB-FUBINACA Body-Packer. <i>Journal of Emergency Medicine</i> , 2018, 55, 788-791.	0.7	19
40	Reports of Adverse Events Associated with Use of Novel Psychoactive Substances, 2013â€“2016: A Review. <i>Journal of Analytical Toxicology</i> , 2017, 41, 573-610.	2.8	128
41	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> , 2017, 13, 287-292.	1.5	75