

Alex J Krotulski Msfs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8031035/publications.pdf>

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	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
2	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
3	Isotonitazene Quantitation and Metabolite Discovery in Authentic Forensic Casework. <i>Journal of Analytical Toxicology</i> , 2020, 44, 521-530.	2.8	67
4	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
5	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
6	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
7	Fatality Following Ingestion of Tetrahydrofuranylfentanyl, U-49900 and Methoxy-Phencyclidine. <i>Journal of Analytical Toxicology</i> , 2018, 42, e27-e32.	2.8	47
8	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
9	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
10	The next generation of synthetic cannabinoids: Detection, activity, and potential toxicity of pentâ€“4en and butâ€“3en analogues including MDMBâ€“4enâ€“PINACA. <i>Drug Testing and Analysis</i> , 2021, 13, 427-438.	2.6	38
11	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
12	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
13	Metonitazene in the United Statesâ€“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
14	Sample Mining and Data Mining: Combined Realâ€“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
15	U-47700 and Its Analogs: Non-Fentanyl Synthetic Opioids Impacting the Recreational Drug Market. <i>Brain Sciences</i> , 2020, 10, 895.	2.3	29
16	Brorphineâ€“Investigation and quantitation of a new potent synthetic opioid in forensic toxicology casework using liquid chromatographyâ€“mass spectrometry. <i>Journal of Forensic Sciences</i> , 2021, 66, 664-676.	1.6	29
17	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
18	Flualprazolam Blood Concentrations in 197 Forensic Investigation Cases. <i>Journal of Analytical Toxicology</i> , 2021, 45, 226-232.	2.8	27

#	ARTICLE	IF	CITATIONS
19	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
20	Field Detection of Drugs of Abuse in Oral Fluid Using the Alere [®] , [†] DDS [®] 2 Mobile Test System with Confirmation by Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS). <i>Journal of Analytical Toxicology</i> , 2018, 42, 170-176.	2.8	25
21	Eutylone Intoxications—An Emerging Synthetic Stimulant in Forensic Investigations. <i>Journal of Analytical Toxicology</i> , 2021, 45, 8-20.	2.8	22
22	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
23	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
24	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
25	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
26	A Forward-Thinking Approach to Addressing the New Synthetic Opioid 2-Benzylbenzimidazole Nitazene Analogs by Liquid Chromatography-Tandem Quadrupole Mass Spectrometry (LC-MS/MS). <i>Journal of Analytical Toxicology</i> , 2022, 46, 221-231.	2.8	19
27	Detection and characterization of the new synthetic cannabinoid APP-BINACA in forensic casework. <i>Drug Testing and Analysis</i> , 2020, 12, 136-144.	2.6	16
28	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
29	Sentanyl: a comparison of blood fentanyl concentrations and naloxone dosing after non-fatal overdose. <i>Clinical Toxicology</i> , 2021, , 1-8.	1.9	14
30	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
31	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
32	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
33	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
34	Pharmacokinetics and pharmacodynamics of the synthetic cannabinoid, 5F-MDMB-PICA, in male rats. <i>Neuropharmacology</i> , 2021, 199, 108800.	4.1	7
35	Identification of a novel opioid, N-piperidinyl etonitazene (etonitazepipne), in patients with suspected opioid overdose. <i>Clinical Toxicology</i> , 2022, 60, 1067-1069.	1.9	7
36	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

#	ARTICLE	IF	CITATIONS
37	Cannabinoid-based vaping products and supplement formulations reported by consumers to precipitate adverse effects. <i>Drug Testing and Analysis</i> , 2022, , .	2.6	5
38	Cryptomarket drug acquisition leading to furanyl fentanyl overdose. <i>Forensic Toxicology</i> , 2018, 36, 534-536.	2.4	4
39	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
40	Letter to Editor "NBOH Derivatization for the Analysis of Seized Drug Casework by GC-MS". <i>Journal of Forensic Sciences</i> , 2019, 64, 958-960.	1.6	2
41	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