

# Kristian Linnet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/944950/publications.pdf>

Version: 2024-02-01

94  
papers

2,604  
citations

236612

25  
h-index

223531

46  
g-index

98  
all docs

98  
docs citations

98  
times ranked

2558  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Comprehensive Screening Results in Postmortem Blood and Brain Tissue by UHPLC-QTOF-MS. <i>Journal of Analytical Toxicology</i> , 2023, 46, 1053-1058.	1.7	2
2	Metabolomics-driven determination of targets for salicylic acid and ibuprofen in positive electrospray ionization using LC-HRMS. <i>Drug Testing and Analysis</i> , 2022, 14, 747-756.	1.6	3
3	A New Strategy for Efficient Retrospective Data Analyses for Designer Benzodiazepines in Large LC-HRMS Datasets. <i>Frontiers in Chemistry</i> , 2022, 10, .	1.8	4
4	Concentrations of citalopram and escitalopram in postmortem hair segments. <i>Forensic Science International</i> , 2022, 336, 111349.	1.3	2
5	Identification of New Psychoactive Substances in Seized material Using UHPLC-QTOF-MS and An Online Mass Spectral Database. <i>Journal of Analytical Toxicology</i> , 2021, 44, 1047-1051.	1.7	16
6	Postmortem Brain-Blood Ratios of Codeine, Fentanyl, Oxycodone and Tramadol. <i>Journal of Analytical Toxicology</i> , 2021, 45, 53-59.	1.7	7
7	Increased risk of fatal intoxication and polypharmacy among psychiatric patients at death. <i>Journal of Forensic Sciences</i> , 2021, 66, 255-264.	0.9	7
8	Effects of a single dose of psilocybin on behaviour, brain 5-HT <sub>2A</sub> receptor occupancy and gene expression in the pig. <i>European Neuropsychopharmacology</i> , 2021, 42, 1-11.	0.3	19
9	Analysis of seized peptide and protein-based doping agents using four complimentary methods: Liquid chromatography coupled with time of flight mass spectrometry, liquid chromatography-ultraviolet, Bradford, and immunoassays. <i>Drug Testing and Analysis</i> , 2021, 13, 1457-1463.	1.6	0
10	A quantitative method for the selective 5-HT <sub>2A</sub> agonist 25CN-NBOH in rat plasma and brain. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 199, 114016.	1.4	6
11	Cocaine profiling method retrospectively developed with nontargeted discovery of markers using liquid chromatography with time-of-flight mass spectrometry data. <i>Drug Testing and Analysis</i> , 2021, , .	1.6	6
12	Simple implementation of muscle tissue into routine workflow of blood analysis in forensic cases - A validated method for quantification of 29 drugs in postmortem blood and muscle samples by UHPLC-MS/MS. <i>Forensic Science International</i> , 2021, 325, 110901.	1.3	14
13	Cannabidiol versus risperidone for treatment of recent-onset psychosis with comorbid cannabis use: study protocol for a randomized controlled clinical trial. <i>BMC Psychiatry</i> , 2021, 21, 404.	1.1	4
14	Psilocybin-induced changes in brain network integrity and segregation correlate with plasma psilocin level and psychedelic experience. <i>European Neuropsychopharmacology</i> , 2021, 50, 121-132.	0.3	57
15	Development of a single retention time prediction model integrating multiple liquid chromatography systems: Application to new psychoactive substances. <i>Analytica Chimica Acta</i> , 2021, 1184, 339035.	2.6	23
16	A Systematic Review of Metabolite-to-Drug Ratios of Pharmaceuticals in Hair for Forensic Investigations. <i>Metabolites</i> , 2021, 11, 686.	1.3	9
17	CYP2D6 Genotyping and Antipsychotic-Associated Extrapyrmidal Adverse Effects in a Randomized Trial of Aripiprazole Versus Quetiapine Extended Release in Children and Adolescents, Aged 12-17 Years, With First Episode Psychosis. <i>Journal of Clinical Psychopharmacology</i> , 2021, 41, 667-672.	0.7	2
18	Ketamine analogues: Comparative toxicokinetic in vitro-in vivo extrapolation and quantification of 2-fluorodeschloroketamine in forensic blood and hair samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113049.	1.4	25

#	ARTICLE	IF	CITATIONS
19	Treatment Status and Use of Psychoactive Substances in Deceased Drug Users. <i>European Addiction Research</i> , 2020, 26, 57-65.	1.3	2
20	Segmental hair analysis of olanzapine and N-desmethyl-olanzapine in postmortem hair from mentally ill patients by LC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 190, 113510.	1.4	11
21	Concentrations of aripiprazole and dehydroaripiprazole in hair segments from deceased individuals with mental disorders. <i>Forensic Science International</i> , 2020, 317, 110523.	1.3	5
22	Metabolic profiling of four synthetic stimulants, including the novel indanyl-cathinone 5-PPDi, after human hepatocyte incubation. <i>Journal of Pharmaceutical Analysis</i> , 2020, 10, 147-156.	2.4	8
23	In vitro and in vivo metabolism and detection of 3-CHO-PCP, a synthetic phencyclidine, in human samples and pooled human hepatocytes using high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2020, 12, 987-993.	1.6	6
24	How to perform spectrum-based LC-HR-MS screening for more than 1,000 NPS with HighResNPS consensus fragment ions. <i>PLoS ONE</i> , 2020, 15, e0242224.	1.1	18
25	Glycine-modified growth hormone secretagogues identified in seized doping material. <i>Drug Testing and Analysis</i> , 2019, 11, 350-354.	1.6	8
26	Combined Ensemble Docking and Machine Learning in Identification of Therapeutic Agents with Potential Inhibitory Effect on Human CES1. <i>Molecules</i> , 2019, 24, 2747.	1.7	6
27	Hair testing for cortisol by UPLC-MS/MS in a family: External cross-contamination from use of cortisol cream. <i>Forensic Science International</i> , 2019, 305, 109968.	1.3	15
28	Postmortem Brain-Blood Ratios of Amphetamine, Cocaine, Ephedrine, MDMA and Methylphenidate. <i>Journal of Analytical Toxicology</i> , 2019, 43, 378-384.	1.7	8
29	Psychedelic effects of psilocybin correlate with serotonin 2A receptor occupancy and plasma psilocin levels. <i>Neuropsychopharmacology</i> , 2019, 44, 1328-1334.	2.8	259
30	Brain-blood ratio of morphine in heroin and morphine autopsy cases. <i>Forensic Science International</i> , 2019, 301, 388-393.	1.3	8
31	Comprehensive investigation on synthetic cannabinoids: Metabolic behavior and potency testing, using 5F-APPICA and AMB-FUBINACA as model compounds. <i>Drug Testing and Analysis</i> , 2019, 11, 1358-1368.	1.6	24
32	HighResNPS.com: An Online Crowd-Sourced HR-MS Database for Suspect and Non-targeted Screening of New Psychoactive Substances. <i>Journal of Analytical Toxicology</i> , 2019, 43, 520-527.	1.7	61
33	In Vitro Metabolism and Hepatic Intrinsic Clearance of the Synthetic Cannabinoid Receptor Agonist JWH-122 and Its Four $\beta$ -Halogenated Analogues. <i>AAPS Journal</i> , 2019, 21, 63.	2.2	6
34	Identification of phenobarbital and other barbiturates in forensic drug screening using positive electrospray ionization liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2019, 11, 1258-1263.	1.6	12
35	Retrospective analysis for valproate screening targets with liquid chromatography-high resolution mass spectrometry with positive electrospray ionization: An omics-based approach. <i>Drug Testing and Analysis</i> , 2019, 11, 730-738.	1.6	22
36	Coronary artery CT calcium score assessed by direct calcium quantification using atomic absorption spectroscopy and compared to macroscopic and histological assessments. <i>International Journal of Legal Medicine</i> , 2019, 133, 1485-1496.	1.2	11

#	ARTICLE	IF	CITATIONS
37	Effects of glucagon-like peptide 1 analogs on alcohol intake in alcohol-preferring vervet monkeys. <i>Psychopharmacology</i> , 2019, 236, 603-611.	1.5	36
38	Segmental Hair Analysisâ€”Interpretation of the Time of Drug Intake in Two Patients Undergoing Drug Treatment. <i>Journal of Forensic Sciences</i> , 2019, 64, 950-955.	0.9	27
39	Application of an activityâ€based receptor bioassay to investigate the in vitro activity of selected indoleâ€ and indazoleâ€carboxamideâ€based synthetic cannabinoids at CB1 and CB2 receptors. <i>Drug Testing and Analysis</i> , 2019, 11, 501-511.	1.6	61
40	Death from diabetic ketoacidosis in the Eastern part of Denmark in 2016-2018. Beta-hydroxybutyrate as a marker. <i>Scandinavian Journal of Forensic Science</i> , 2019, 25, 5-8.	1.0	1
41	Prediction of collision cross section and retention time for broad scope screening in gradient reversed-phase liquid chromatography-ion mobility-high resolution accurate mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1542, 82-88.	1.8	67
42	Post-mortem quetiapine concentrations in hair segments of psychiatric patients â€” Correlation between hair concentration, dose and concentration in blood. <i>Forensic Science International</i> , 2018, 285, 58-64.	1.3	24
43	Driving under the influence of alcohol and drugs in the eastern part of Denmark in 2015 and 2016: Abuse patterns and trends. <i>Traffic Injury Prevention</i> , 2018, 19, 468-475.	0.6	17
44	Validation of a fully automated solidâ€phase extraction and ultraâ€highâ€performance liquid chromatographyâ€tandem mass spectrometry method for quantification of 30 pharmaceuticals and metabolites in postâ€mortem blood and brain samples. <i>Drug Testing and Analysis</i> , 2018, 10, 1147-1157.	1.6	24
45	Hair analysis in toxicological investigation of drug-facilitated crimes in Denmark over a 8-year period. <i>Forensic Science International</i> , 2018, 285, e1-e12.	1.3	46
46	Reference Brain/Blood Concentrations of Citalopram, Duloxetine, Mirtazapine and Sertraline. <i>Journal of Analytical Toxicology</i> , 2018, 42, 149-156.	1.7	33
47	Metabolism of the synthetic cannabinoids AMB-CHMICA and 5C-AKB48 in pooled human hepatocytes and rat hepatocytes analyzed by UHPLC-(IMS)-HR-MS E. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1083, 189-197.	1.2	19
48	Post-mortem toxicology in young sudden cardiac death victims: a nationwide cohort study. <i>Europace</i> , 2018, 20, 614-621.	0.7	39
49	Application of a screening method for fentanyl and its analogues using UHPLCâ€QTOFâ€MS with dataâ€independent acquisition (DIA) in MS<sup>E</sup> mode and retrospective analysis of authentic forensic blood samples. <i>Drug Testing and Analysis</i> , 2018, 10, 651-662.	1.6	57
50	Metabolism of the synthetic cannabinoid 5F-PY-PICA by human and rat hepatocytes and identification of biliary analytical targets by directional efflux in sandwich-cultured rat hepatocytes using UHPLC-HR-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 149, 296-307.	1.4	9
51	Segmental Analysis of Chlorprothixene and Desmethylchlorprothixene in Postmortem Hair. <i>Journal of Analytical Toxicology</i> , 2018, 42, 642-649.	1.7	12
52	Pharmacometabolomics Informs About Pharmacokinetic Profile of Methylphenidate. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018, 7, 525-533.	1.3	14
53	Bromo-dragonfly, a psychoactive benzodifuran, is resistant to hepatic metabolism and potently inhibits monoamine oxidase A. <i>Toxicology Letters</i> , 2018, 295, 397-407.	0.4	9
54	Reference Brain and Blood Concentrations of Olanzapine in Postmortem Cases. <i>Journal of Analytical Toxicology</i> , 2018, 42, 650-654.	1.7	8

#	ARTICLE	IF	CITATIONS
55	Postmortem concentrations of gamma-hydroxybutyrate (GHB) in peripheral blood and brain tissue – Differentiating between postmortem formation and antemortem intake. <i>Forensic Science International</i> , 2017, 272, 154-158.	1.3	17
56	<i>In vitro</i> studies on flubromazolam metabolism and detection of its metabolites in authentic forensic samples. <i>Drug Testing and Analysis</i> , 2017, 9, 1182-1191.	1.6	35
57	Analytical Profiling of Airplane Wastewater - a New Matrix for Mapping Worldwide Patterns of Drug Use and Abuse. <i>Scandinavian Journal of Forensic Science</i> , 2017, 23, 7-12.	1.0	1
58	Advantages of analyzing postmortem brain samples in routine forensic drug screening – Case series of three non-natural deaths tested positive for lysergic acid diethylamide (LSD). <i>Forensic Science International</i> , 2017, 278, e14-e18.	1.3	9
59	Targeted analysis of 116 drugs in hair by UHPLC-MS/MS and its application to forensic cases. <i>Drug Testing and Analysis</i> , 2017, 9, 1137-1151.	1.6	39
60	Targeted and non-targeted drug screening in whole blood by UHPLC-TOF-MS with data-independent acquisition. <i>Drug Testing and Analysis</i> , 2017, 9, 1052-1061.	1.6	67
61	Deposition of diazepam and its metabolites in hair following a single dose of diazepam. <i>International Journal of Legal Medicine</i> , 2017, 131, 131-141.	1.2	24
62	Characterization of the hepatic cytochrome P450 enzymes involved in the metabolism of 25iNBOMe and 25iNBOH. <i>Drug Testing and Analysis</i> , 2017, 9, 671-679.	1.6	41
63	Cytochrome P450-mediated metabolism of the synthetic cannabinoids UR144 and XLR11. <i>Drug Testing and Analysis</i> , 2016, 8, 792-800.	1.6	19
64	A case story, involving the use of maltitol, a sugar alcohol, as a cutting agent in amphetamine and cocaine powders. <i>Scandinavian Journal of Forensic Science</i> , 2016, 22, 6-10.	1.0	1
65	Determination of the unbound fraction of R- and S-methadone in human brain. <i>International Journal of Legal Medicine</i> , 2016, 130, 1519-1526.	1.2	7
66	Nitrobenzodiazepines: Postmortem brain and blood reference concentrations. <i>Forensic Science International</i> , 2016, 268, 39-45.	1.3	10
67	JWH-018 7-OH, a shared hydroxy metabolite of the two synthetic cannabinoids JWH-018 and AM-2201, undergoes oxidation by alcohol dehydrogenase and aldehyde dehydrogenase enzymes <i>in vitro</i> forming the carboxylic acid metabolite. <i>Toxicology Letters</i> , 2016, 259, 35-43.	0.4	22
68	Postmortem Brain and Blood Reference Concentrations of Alprazolam, Bromazepam, Chlordiazepoxide, Diazepam, and their Metabolites and a Review of the Literature. <i>Journal of Analytical Toxicology</i> , 2016, 40, 529-536.	1.7	21
69	Development of a UPLC-MS/MS method for determining ̢-hydroxybutyric acid (GHB) and GHB glucuronide concentrations in hair and application to forensic cases. <i>Forensic Toxicology</i> , 2016, 34, 51-60.	1.4	24
70	Evaluation of poly-drug use in methadone-related fatalities using segmental hair analysis. <i>Forensic Science International</i> , 2015, 248, 134-139.	1.3	22
71	Postmortem Quetiapine Reference Concentrations in Brain and Blood. <i>Journal of Analytical Toxicology</i> , 2015, 39, 557-561.	1.7	27
72	Postmortem Femoral Blood Reference Concentrations of Aripiprazole, Chlorprothixene, and Quetiapine. <i>Journal of Analytical Toxicology</i> , 2015, 39, 41-44.	1.7	17

#	ARTICLE	IF	CITATIONS
73	Synthetic cannabimimetic agents metabolized by carboxylesterases. <i>Drug Testing and Analysis</i> , 2015, 7, 565-576.	1.6	81
74	Metabolites of 5FAKBA48, a synthetic cannabinoid receptor agonist, identified in human urine and liver microsomal preparations using liquid chromatography high-resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2015, 7, 199-206.	1.6	45
75	Pre-analytical and analytical variation of drug determination in segmented hair using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Forensic Science International</i> , 2014, 234, 16-21.	1.3	21
76	Postmortem Femoral Blood Concentrations of Risperidone. <i>Journal of Analytical Toxicology</i> , 2014, 38, 57-60.	1.7	9
77	Screening for Anabolic Steroids in Urine of Forensic Cases Using Fully Automated Solid Phase Extraction and LC-MS-MS. <i>Journal of Analytical Toxicology</i> , 2014, 38, 637-644.	1.7	9
78	Quantification of 31 illicit and medicinal drugs and metabolites in whole blood by fully automated solid-phase extraction and ultra-performance liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2607-2617.	1.9	66
79	Screening of Danish traffic cases for synthetic cannabinoids in whole blood by LC-MS/MS. <i>Scandinavian Journal of Forensic Science</i> , 2013, 19, 45-51.	0.0	10
80	Quantifying the Accuracy of a Diagnostic Test or Marker. <i>Clinical Chemistry</i> , 2012, 58, 1292-1301.	1.5	132
81	Validation of a Fully Automated Robotic Setup for Preparation of Whole Blood Samples for LC-MS Toxicology Analysis. <i>Journal of Analytical Toxicology</i> , 2012, 36, 280-287.	1.7	37
82	Postmortem drug concentration intervals for the non-intoxicated state – A review. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2012, 19, 245-249.	0.5	17
83	Toxicological screening of basic drugs in whole blood using UPLC-TOF-MS. <i>Drug Testing and Analysis</i> , 2012, 4, 313-319.	1.6	30
84	Postmortem Femoral Blood Concentrations of Amlodipine. <i>Journal of Analytical Toxicology</i> , 2011, 35, 227-231.	1.7	13
85	Simultaneous screening and quantification of 52 common pharmaceuticals and drugs of abuse in hair using UPLC-TOF-MS. <i>Forensic Science International</i> , 2010, 196, 85-92.	1.3	145
86	Screening and Quantitative Determination of Twelve Acidic and Neutral Pharmaceuticals in Whole Blood by Liquid-Liquid Extraction and Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2010, 34, 367-373.	1.7	20
87	Roles of polymorphic enzymes CYP2D6 and CYP2C19 for in vitro metabolism of amitriptyline at therapeutic and toxic levels. <i>Forensic Toxicology</i> , 2009, 27, 12-20.	1.4	6
88	Dominance of pre-analytical over analytical variation for measurement of methadone and its main metabolite in postmortem femoral blood. <i>Forensic Science International</i> , 2008, 179, 78-82.	1.3	28
89	An oxcarbazepine-related fatality with an overview of 26 oxcarbazepine postmortem cases. <i>Forensic Science International</i> , 2008, 177, 248-251.	1.3	11
90	A review on the impact of P-glycoprotein on the penetration of drugs into the brain. Focus on psychotropic drugs. <i>European Neuropsychopharmacology</i> , 2008, 18, 157-169.	0.3	150

#	ARTICLE	IF	CITATIONS
91	The exponentially weighted moving average (EWMA) rule compared with traditionally used quality control rules. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 396-9.	1.4	21
92	Estimation of the linear relationship between the measurements of two methods with proportional errors. <i>Statistics in Medicine</i> , 1990, 9, 1463-1473.	0.8	124
93	Assessing diagnostic tests by a strictly proper scoring rule. <i>Statistics in Medicine</i> , 1989, 8, 609-618.	0.8	15
94	Fatal intoxications among non-drug addicts in Eastern Denmark over a 5-year period (2008&ndash;2012). <i>Research and Reports in Forensic Medical Science</i> , 0, Volume 8, 9-16.	0.0	2