

Kristian Linnet

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90
papers

1,751
citations

23
h-index

38
g-index

98
ext. papers

2,178
ext. citations

3.2
avg, IF

5.32
L-index

#	Paper	IF	Citations
90	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	2.6	132
89	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, 157-69	1.2	125
88	Quantifying the accuracy of a diagnostic test or marker. <i>Clinical Chemistry</i> , 2012 , 58, 1292-301	5.5	107
87	Psychedelic effects of psilocybin correlate with serotonin 2A receptor occupancy and plasma psilocin levels. <i>Neuropsychopharmacology</i> , 2019 , 44, 1328-1334	8.7	102
86	Estimation of the linear relationship between the measurements of two methods with proportional errors. <i>Statistics in Medicine</i> , 1990 , 9, 1463-73	2.3	100
85	Synthetic cannabimimetic agents metabolized by carboxylesterases. <i>Drug Testing and Analysis</i> , 2015 , 7, 565-76	3.5	66
84	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, 2607-17	4.4	56
83	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	3.5	47
82	Application of an activity-based receptor bioassay to investigate the in vitro activity of selected indole- and indazole-3-carboxamide-based synthetic cannabinoids at CB1 and CB2 receptors. <i>Drug Testing and Analysis</i> , 2019 , 11, 501-511	3.5	45
81	Metabolites of 5F-AKB-48, 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	3.5	41
80	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	4.5	41
79	Application of a screening method for fentanyl and its analogues using UHPLC-QTOF-MS with data-independent acquisition (DIA) in MS mode and retrospective analysis of authentic forensic blood samples. <i>Drug Testing and Analysis</i> , 2018 , 10, 651-662	3.5	40
78	Characterization of the hepatic cytochrome P450 enzymes involved in the metabolism of 25I-NBOMe and 25I-NBOH. <i>Drug Testing and Analysis</i> , 2017 , 9, 671-679	3.5	33
77	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	2.9	30
76	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	2.6	30
75	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	3.5	29
74	In vitro studies on flubromazolam metabolism and detection of its metabolites in authentic forensic samples. <i>Drug Testing and Analysis</i> , 2017 , 9, 1182-1191	3.5	27

73	Toxicological screening of basic drugs in whole blood using UPLC-TOF-MS. <i>Drug Testing and Analysis</i> , 2012 , 4, 313-9	3.5	26
72	Post-mortem toxicology in young sudden cardiac death victims: a nationwide cohort study. <i>Europace</i> , 2018 , 20, 614-621	3.9	25
71	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, 280-7	2.9	25
70	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	2.6	24
69	Postmortem Quetiapine Reference Concentrations in Brain and Blood. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 557-61	2.9	23
68	Development of a UPLCMS/MS method for determining γ -hydroxybutyric acid (GHB) and GHB glucuronide concentrations in hair and application to forensic cases. <i>Forensic Toxicology</i> , 2016 , 34, 51-60	2.6	23
67	Reference Brain/Blood Concentrations of Citalopram, Duloxetine, Mirtazapine and Sertraline. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 149-156	2.9	22
66	Effects of glucagon-like peptide 1 analogs on alcohol intake in alcohol-preferring vervet monkeys. <i>Psychopharmacology</i> , 2019 , 236, 603-611	4.7	21
65	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	2.6	20
64	JWH-018 EDH, a shared hydroxy metabolite of the two synthetic cannabinoids JWH-018 and AM-2201, undergoes oxidation by alcohol dehydrogenase and aldehyde dehydrogenase enzymes in vitro forming the carboxylic acid metabolite. <i>Toxicology Letters</i> , 2016 , 259, 35-43	4.4	19
63	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, 367-73	2.9	19
62	Post-mortem quetiapine concentrations in hair segments of psychiatric patients - Correlation between hair concentration, dose and concentration in blood. <i>Forensic Science International</i> , 2018 , 285, 58-64	2.6	17
61	Comprehensive investigation on synthetic cannabinoids: Metabolic behavior and potency testing, using 5F-APP-PICA and AMB-FUBINACA as model compounds. <i>Drug Testing and Analysis</i> , 2019 , 11, 1358-1368	3.5	16
60	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, 529-36	2.9	16
59	Cytochrome P450-mediated metabolism of the synthetic cannabinoids UR-144 and XLR-11. <i>Drug Testing and Analysis</i> , 2016 , 8, 792-800	3.5	16
58	Metabolism of the synthetic cannabinoids AMB-CHMICA and 5C-AKB48 in pooled human hepatocytes and rat hepatocytes analyzed by UHPLC-(IMS)-HR-MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018 , 1083, 189-197	3.2	15
57	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	3.1	15
56	Evaluation of poly-drug use in methadone-related fatalities using segmental hair analysis. <i>Forensic Science International</i> , 2015 , 248, 134-9	2.6	15

55	Postmortem drug concentration intervals for the non-intoxicated state - A review. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2012 , 19, 245-9	1.7	15
54	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	5.9	15
53	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	2.6	14
52	Postmortem femoral blood reference concentrations of aripiprazole, chlorprothixene, and quetiapine. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 41-4	2.9	14
51	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	1.8	14
50	Validation of a fully automated solid-phase extraction and ultra-high-performance liquid chromatography-tandem mass spectrometry method for quantification of 30 pharmaceuticals and metabolites in post-mortem blood and brain samples. <i>Drug Testing and Analysis</i> , 2018 , 10, 1147	3.5	13
49	Assessing diagnostic tests by a strictly proper scoring rule. <i>Statistics in Medicine</i> , 1989 , 8, 609-18	2.3	13
48	Segmental Hair Analysis-Interpretation of the Time of Drug Intake in Two Patients Undergoing Drug Treatment. <i>Journal of Forensic Sciences</i> , 2019 , 64, 950-955	1.8	13
47	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	3.5	12
46	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	3.5	11
45	Segmental Analysis of Chlorprothixene and Desmethylchlorprothixene in Postmortem Hair. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 642-649	2.9	11
44	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		10
43	Postmortem femoral blood concentrations of amlodipine. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 227-31	2.9	10
42	Pharmacometabolomics Informs About Pharmacokinetic Profile of Methylphenidate. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2018 , 7, 525-533	4.5	10
41	An oxcarbazepine-related fatality with an overview of 26 oxcarbazepine postmortem cases. <i>Forensic Science International</i> , 2008 , 177, 248-51	2.6	9
40	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	3.7	9
39	Nitrobenzodiazepines: Postmortem brain and blood reference concentrations. <i>Forensic Science International</i> , 2016 , 268, 39-45	2.6	8
38	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, 637-44	2.9	8

37	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	2.6	7
36	Bromo-dragonfly, a psychoactive benzodifuran, is resistant to hepatic metabolism and potently inhibits monoamine oxidase A. <i>Toxicology Letters</i> , 2018 , 295, 397-407	4.4	7
35	Glycine-modified growth hormone secretagogues identified in seized doping material. <i>Drug Testing and Analysis</i> , 2019 , 11, 350-354	3.5	7
34	Effects of a single dose of psilocybin on behaviour, brain 5-HT receptor occupancy and gene expression in the pig. <i>European Neuropsychopharmacology</i> , 2021 , 42, 1-11	1.2	7
33	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	1.2	7
32	In Vitro Metabolism and Hepatic Intrinsic Clearance of the Synthetic Cannabinoid Receptor Agonist JWH-122 and Its Four Halogenated Analogues. <i>AAPS Journal</i> , 2019 , 21, 63	3.7	6
31	Postmortem femoral blood concentrations of risperidone. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 57-60	2.9	6
30	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	3.1	6
29	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	2.9	6
28	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	3.5	6
27	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	14	5
26	Reference Brain and Blood Concentrations of Olanzapine in Postmortem Cases. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 650-654	2.9	5
25	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	2.6	5
24	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	2.6	5
23	Determination of the unbound fraction of R- and S-methadone in human brain. <i>International Journal of Legal Medicine</i> , 2016 , 130, 1519-1526	3.1	5
22	Brain-blood ratio of morphine in heroin and morphine autopsy cases. <i>Forensic Science International</i> , 2019 , 301, 388-393	2.6	4
21	Combined Ensemble Docking and Machine Learning in Identification of Therapeutic Agents with Potential Inhibitory Effect on Human CES1. <i>Molecules</i> , 2019 , 24,	4.8	4
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	3.5	4

19	Postmortem Brain-Blood Ratios of Amphetamine, Cocaine, Ephedrine, MDMA and Methylphenidate. <i>Journal of Analytical Toxicology</i> , 2019 , 43, 378-384	2.9	3
18	A quantitative method for the selective 5-HT _{2A} agonist 25CN-NBOH in rat plasma and brain. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 199, 114016	3.5	3
17	Increased risk of fatal intoxication and polypharmacy among psychiatric patients at death. <i>Journal of Forensic Sciences</i> , 2021 , 66, 255-264	1.8	3
16	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	2.6	3
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	6.6	3
14	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	3.5	2
13	Concentrations of aripiprazole and dehydroaripiprazole in hair segments from deceased individuals with mental disorders. <i>Forensic Science International</i> , 2020 , 317, 110523	2.6	2
12	Treatment Status and Use of Psychoactive Substances in Deceased Drug Users. <i>European Addiction Research</i> , 2020 , 26, 57-65	4.6	2
11	Postmortem Brain-Blood Ratios of Codeine, Fentanyl, Oxycodone and Tramadol. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 53-59	2.9	2
10	CYP2D6 Genotyping and Antipsychotic-Associated Extrapyramidal 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	1.7	1
9	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	0.4	1
8	A Systematic Review of Metabolite-to-Drug Ratios of Pharmaceuticals in Hair for Forensic Investigations. <i>Metabolites</i> , 2021 , 11,	5.6	1
7	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	0.4	1
6	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	4.2	1
5	Concentrations of citalopram and escitalopram in postmortem hair segments. <i>Forensic Science International</i> , 2022 , 336, 111349	2.6	1
4	In vitro and in vivo metabolism and detection of 3-HO-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	3.5	0
3	Fatal intoxications among non-drug addicts in Eastern Denmark over a 5-year period (2008–2012). <i>Research and Reports in Forensic Medical Science</i> , 2018 , Volume 8, 9-16	2	0
2	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	0.4	

- 1 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. *Drug Testing and Analysis*, **2021**, 13, 1457-1463 3.5