Sys Stybe Johansen

List of Publications by Year
in descending order

65 papers	1,762 citations	257101 24 h-index	301761 39 g-index
66 all docs	66 docs citations	66 times ranked	1536 citing authors

#	Article	IF	Citations
1	Simultaneous screening and quantification of 52 common pharmaceuticals and drugs of abuse in hair using UPLC–TOF-MS. Forensic Science International, 2010, 196, 85-92.	1.3	145
2	*In vitro* metabolism studies on mephedrone and analysis of forensic cases. Drug Testing and Analysis, 2013, 5, 430-438.	1.6	98
3	Quantitative analysis of cocaine and its metabolites in whole blood and urine by high-performance liquid chromatography coupled with tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 852, 338-344.	1.2	78
4	Chiral separation and quantification of R/S-amphetamine, R/S-methamphetamine, R/S-MDA, R/S-MDMA, and R/S-MDEA in whole blood by GC-EI-MS. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 842, 136-141.	1.2	76
5	Screening for illicit and medicinal drugs in whole blood using fully automated SPE and ultra‐high‐performance liquid chromatography with TOF–MS with data‐independent acquisition. Journal of Separation Science, 2013, 36, 2081-2089.	1.3	75
6	Validation of a method for the targeted analysis of 96 drugs in hair by UPLC–MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2014, 88, 295-306.	1.4	72
7	Three Fatal Cases of PMA and PMMA Poisoning in Denmark. Journal of Analytical Toxicology, 2003, 27, 253-256.	1.7	59
8	Application of a screening method for fentanyl and its analogues using UHPLC‐QTOF‐MS with data‐independent acquisition (DIA) in MS^E mode and retrospective analysis of authentic forensic blood samples. Drug Testing and Analysis, 2018, 10, 651-662.	1.6	57
9	Simultaneous Determination of γ-Hydroxybutyrate (GHB) and its Analogues (GBL, 1.4-BD, GVL) in Whole Blood and Urine by Liquid Chromatography Coupled to Tandem Mass Spectrometry. Journal of Analytical Toxicology, 2011, 35, 8-14.	1.7	49
10	Hair analysis in toxicological investigation of drug-facilitated crimes in Denmark over a 8-year period. Forensic Science International, 2018, 285, e1-e12.	1.3	46
11	Determination of Olanzapine in Whole Blood Using Simple Protein Precipitation and Liquid Chromatography-Tandem Mass Spectrometry. Journal of Analytical Toxicology, 2009, 33, 212-217.	1.7	43
12	Targeted analysis of 116 drugs in hair by UHPLC‐MS/MS and its application to forensic cases. Drug Testing and Analysis, 2017, 9, 1137-1151.	1.6	39
13	Isomers of fluoroamphetamines detected in forensic cases in Denmark. International Journal of Legal Medicine, 2012, 126, 541-547.	1.2	35
14	*In vitro* studies on flubromazolam metabolism and detection of its metabolites in authentic forensic samples. Drug Testing and Analysis, 2017, 9, 1182-1191.	1.6	35
15	Reference Brain/Blood Concentrations of Citalopram, Duloxetine, Mirtazapine and Sertraline. Journal of Analytical Toxicology, 2018, 42, 149-156.	1.7	33
16	Liquid chromatography–tandem mass spectrometry determination of LSD, ISO-LSD, and the main metabolite 2-oxo-3-hydroxy-LSD in forensic samples and application in a forensic case. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 825, 21-28.	1.2	31
17	Simultaneous Determination of 25 Common Pharmaceuticals in Whole Blood Using Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry. Journal of Analytical Toxicology, 2012, 36, 497-506.	1.7	31
18	Drug facilitated sexual assault with lethal outcome: GHB intoxication in a six-year-old girl. Forensic Science International, 2016, 259, e25-e31.	1.3	30

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19	Dominance of pre-analytical over analytical variation for measurement of methadone and its main metabolite in postmortem femoral blood. Forensic Science International, 2008, 179, 78-82.	1.3	28
20	Postmortem Blood Concentrations of <i>R</i>â€•and <i>S</i>â€•Enantiomers of Methadone and EDDP in Drug Users: Influence of Coâ€•Medication and Pâ€•glycoprotein Genotype. Journal of Forensic Sciences, 2010, 55, 457-463.	0.9	28
21	Postmortem Quetiapine Reference Concentrations in Brain and Blood. Journal of Analytical Toxicology, 2015, 39, 557-561.	1.7	27
22	Segmental Hair Analysisâ€"Interpretation of the Time of Drug Intake in Two Patients Undergoing Drug Treatment. Journal of Forensic Sciences, 2019, 64, 950-955.	0.9	27
23	Detection of the antipsychotic drug quetiapine in the blood, urine and hair samples of the victim of a drug-facilitated sexual assault. Forensic Science International, 2017, 270, e12-e15.	1.3	25
24	Ketamine analogues: Comparative toxicokinetic in vitroâ€"in vivo extrapolation and quantification of 2-fluorodeschloroketamine in forensic blood and hair samples. Journal of Pharmaceutical and Biomedical Analysis, 2020, 180, 113049.	1.4	25
25	A fatal case of amlodipine poisoning. Journal of Clinical Forensic and Legal Medicine, 2003, 10, 169-172.	0.9	24
26	Determination of amphetamine, methamphetamine, MDA and MDMA in human hair by GCâ€•Iâ€•MS after derivatization with perfluorooctanoyl chloride. Scandinavian Journal of Clinical and Laboratory Investigation, 2009, 69, 113-120.	0.6	24
27	Development of a UPLCâ€"MS/MS method for determining Î³-hydroxybutyric acid (GHB) and GHB glucuronide concentrations in hair and application to forensic cases. Forensic Toxicology, 2016, 34, 51-60.	1.4	24
28	Deposition of diazepam and its metabolites in hair following a single dose of diazepam. International Journal of Legal Medicine, 2017, 131, 131-141.	1.2	24
29	Post-mortem quetiapine concentrations in hair segments of psychiatric patients â€" Correlation between hair concentration, dose and concentration in blood. Forensic Science International, 2018, 285, 58-64.	1.3	24
30	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. Drug Testing and Analysis, 2018, 10, 1147-1157.	1.6	24
31	Postmortem analysis of three methoxyacetylfentanyl-related deaths in Denmark and in vitro metabolite profiling in pooled human hepatocytes. Forensic Science International, 2018, 290, 310-317.	1.3	24
32	Method development for trace analysis of heteroaromatic compounds in contaminated groundwater. Journal of Chromatography A, 1996, 738, 295-304.	1.8	23
33	Evaluation of poly-drug use in methadone-related fatalities using segmental hair analysis. Forensic Science International, 2015, 248, 134-139.	1.3	22
34	Retrospective analysis for valproate screening targets with liquid chromatographyâ€"high resolution mass spectrometry with positive electrospray ionization: An omicsâ€•based approach. Drug Testing and Analysis, 2019, 11, 730-738.	1.6	22
35	Pre-analytical and analytical variation of drug determination in segmented hair using ultra-performance liquid chromatographyâ€"tandem mass spectrometry. Forensic Science International, 2014, 234, 16-21.	1.3	21
36	Postmortem Brain and Blood Reference Concentrations of Alprazolam, Bromazepam, Chlordiazepoxide, Diazepam, and their Metabolites and a Review of the Literature. Journal of Analytical Toxicology, 2016, 40, 529-536.	1.7	21

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37	Chiral Analysis of Methadone and its Main Metabolite EDDP in Postmortem Blood by Liquid Chromatography-Mass Spectrometry. Journal of Analytical Toxicology, 2008, 32, 499-504.	1.7	20
38	Effects of a single dose of psilocybin on behaviour, brain 5-HT2A receptor occupancy and gene expression in the pig. European Neuropsychopharmacology, 2021, 42, 1-11.	0.3	19
39	Determination of GHB and GHB-Î²-O-glucuronide in hair of three narcoleptic patientsâ€"Comparison between single and chronic GHB exposure. Forensic Science International, 2017, 278, e8-e13.	1.3	18
40	Postmortem Femoral Blood Reference Concentrations of Aripiprazole, Chlorprothixene, and Quetiapine. Journal of Analytical Toxicology, 2015, 39, 41-44.	1.7	17
41	Postmortem concentrations of gamma-hydroxybutyrate (GHB) in peripheral blood and brain tissue â€" Differentiating between postmortem formation and antemortem intake. Forensic Science International, 2017, 272, 154-158.	1.3	17
42	Hair testing for cortisol by UPLCâ€"MS/MS in a family: External cross-contamination from use of cortisol cream. Forensic Science International, 2019, 305, 109968.	1.3	15
43	Sensitive, automatic method for the determination of diazepam and its five metabolites in human oral fluid by online solidâ€phase extraction and liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2016, 39, 1873-1883.	1.3	12
44	Simultaneous determination of ethanol's four types of non-oxidative metabolites in human whole blood by liquid chromatography tandem mass spectrometry. Analytica Chimica Acta, 2017, 963, 68-75.	2.6	12
45	Segmental Analysis of Chlorprothixene and Desmethylchlorprothixene in Postmortem Hair. Journal of Analytical Toxicology, 2018, 42, 642-649.	1.7	12
46	Identification of phenobarbital and other barbiturates in forensic drug screening using positive electrospray ionization liquid chromatographyâˆ'high resolution mass spectrometry. Drug Testing and Analysis, 2019, 11, 1258-1263.	1.6	12
47	Segmental hair analysis of olanzapine and N-desmethyl-olanzapine in postmortem hair from mentally ill patients by LCâ€"MS/MS. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113510.	1.4	11
48	Internal quality control samples for hair testing. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113459.	1.4	11
49	Liquid chromatography?tandem mass spectrometry determination of loperamide and its main metabolite desmethylloperamide in biological specimens and application to forensic cases. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 811, 31-36.	1.2	10
50	Screening of Danish traffic cases for synthetic cannabinoids in whole blood by LC-MS/MS. Scandinavian Journal of Forensic Science, 2013, 19, 45-51.	0.0	10
51	Enantioselective analysis of citalopram and demethylcitalopram in human whole blood by chiral LCâ€"MS/MS and application in forensic cases. Drug Testing and Analysis, 2017, 9, 1549-1554.	1.6	10
52	Postmortem Femoral Blood Concentrations of Risperidone. Journal of Analytical Toxicology, 2014, 38, 57-60.	1.7	9
53	Advantages of analyzing postmortem brain samples in routine forensic drug screeningâ€"Case series of three non-natural deaths tested positive for lysergic acid diethylamide (LSD). Forensic Science International, 2017, 278, e14-e18.	1.3	9
54	Temporal patterns of tramadol in hair after a single dose. Forensic Science International, 2020, 316, 110546.	1.3	9

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55	A Systematic Review of Metabolite-to-Drug Ratios of Pharmaceuticals in Hair for Forensic Investigations. Metabolites, 2021, 11, 686.	1.3	9
56	Postmortem Brainâ€"Blood Ratios of Amphetamine, Cocaine, Ephedrine, MDMA and Methylphenidate. Journal of Analytical Toxicology, 2019, 43, 378-384.	1.7	8
57	Brain-blood ratio of morphine in heroin and morphine autopsy cases. Forensic Science International, 2019, 301, 388-393.	1.3	8
58	Distribution of zopiclone and main metabolites in hair following a single dose. Forensic Science International, 2020, 306, 110074.	1.3	7
59	Postmortem Brainâ€"Blood Ratios of Codeine, Fentanyl, Oxycodone and Tramadol. Journal of Analytical Toxicology, 2021, 45, 53-59.	1.7	7
60	In vitro and in vivo metabolism and detection of 3â€HOâ€PCP, a synthetic phencyclidine, in human samples and pooled human hepatocytes using high resolution mass spectrometry. Drug Testing and Analysis, 2020, 12, 987-993.	1.6	6
61	Stability of Â-Hydroxybutyrate in Blood Samples from Impaired Drivers after Storage at 4ÂC and Comparison of GC-FID-GBL and LC-MS-MS Methods of Analysis. Journal of Analytical Toxicology, 2015, 39, 294-299.	1.7	5
62	Concentrations of aripiprazole and dehydroaripiprazole in hair segments from deceased individuals with mental disorders. Forensic Science International, 2020, 317, 110523.	1.3	5
63	Fatal intoxications among non-drug addicts in Eastern Denmark over a 5-year period (2008&ndash;2012). Research and Reports in Forensic Medical Science, 0, Volume 8, 9-16.	0.0	2
64	Concentrations of citalopram and escitalopram in postmortem hair segments. Forensic Science International, 2022, 336, 111349.	1.3	2
65	Hair cortisol concentrations in decedents with severe mental illness â€" An autopsy-based cohort study. Forensic Science International: Reports, 2021, 3, 100173.	0.4	0