

Sys Stybe Johansen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

1,364
citations

22
h-index

34
g-index

66
ext. papers

1,590
ext. citations

2.9
avg, IF

5.02
L-index

#	Paper	IF	Citations
65	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
64	In vitro metabolism studies on mephedrone and analysis of forensic cases. <i>Drug Testing and Analysis</i> , 2013 , 5, 430-8	3.5	88
63	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006 , 842, 136-41	3.2	67
62	Validation of a method for the targeted analysis of 96 drugs in hair by UPLC-MS/MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 295-306	3.5	66
61	Quantitative analysis of cocaine and its metabolites in whole blood and urine by high-performance liquid chromatography coupled with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007 , 852, 338-44	3.2	64
60	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. <i>Journal of Separation Science</i> , 2013 , 36, 2081-9	3.4	63
59	Three fatal cases of PMA and PMMA poisoning in Denmark. <i>Journal of Analytical Toxicology</i> , 2003 , 27, 253-6	2.9	54
58	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
57	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. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 8-14	2.9	39
56	Determination of olanzapine in whole blood using simple protein precipitation and liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2009 , 33, 212-7	2.9	37
55	Isomers of fluoroamphetamines detected in forensic cases in Denmark. <i>International Journal of Legal Medicine</i> , 2012 , 126, 541-7	3.1	33
54	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
53	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
52	Simultaneous determination of 25 common pharmaceuticals in whole blood using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 497-506	2.9	28
51	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
50	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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 825, 21-8	3.2	25
49	Postmortem blood concentrations of R- and S-enantiomers of methadone and EDDP in drug users: influence of co-medication and p-glycoprotein genotype. <i>Journal of Forensic Sciences</i> , 2010 , 55, 457-63	1.8	24

48	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
47	Postmortem Quetiapine Reference Concentrations in Brain and Blood. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 557-61	2.9	23
46	Development of a UPLCMS/MS method for determining β -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
45	Reference Brain/Blood Concentrations of Citalopram, Duloxetine, Mirtazapine and Sertraline. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 149-156	2.9	22
44	Drug facilitated sexual assault with lethal outcome: GHB intoxication in a six-year-old girl. <i>Forensic Science International</i> , 2016 , 259, e25-31	2.6	22
43	Method development for trace analysis of heteroaromatic compounds in contaminated groundwater. <i>Journal of Chromatography A</i> , 1996 , 738, 295-304	4.5	21
42	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
41	Determination of amphetamine, methamphetamine, MDA and MDMA in human hair by GC-EI-MS after derivatization with perfluorooctanoyl chloride. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 113-20	2	20
40	Postmortem analysis of three methoxyacetylfentanyl-related deaths in Denmark and in vitro metabolite profiling in pooled human hepatocytes. <i>Forensic Science International</i> , 2018 , 290, 310-317	2.6	19
39	A fatal case of amlodipine poisoning. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2003 , 10, 169-72		19
38	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
37	Chiral analysis of methadone and its main metabolite EDDP in postmortem blood by liquid chromatography-mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2008 , 32, 499-504	2.9	17
36	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
35	Determination of GHB and GHB- β -D-glucuronide in hair of three narcoleptic patients-Comparison between single and chronic GHB exposure. <i>Forensic Science International</i> , 2017 , 278, e8-e13	2.6	16
34	Detection of the antipsychotic drug quetiapine in the blood, urine and hair samples of the victim of a drug-facilitated sexual assault. <i>Forensic Science International</i> , 2017 , 270, e12-e15	2.6	15
33	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
32	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
31	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

30	Postmortem femoral blood reference concentrations of aripiprazole, chlorprothixene, and quetiapine. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 41-4	2.9	14
29	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
28	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
27	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
26	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
25	Segmental Analysis of Chlorprothixene and Desmethylchlorprothixene in Postmortem Hair. <i>Journal of Analytical Toxicology</i> , 2018 , 42, 642-649	2.9	11
24	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
23	Sensitive, automatic method for the determination of diazepam and its five metabolites in human oral fluid by online solid-phase extraction and liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2016 , 39, 1873-83	3.4	10
22	Enantioselective analysis of citalopram and demethylcitalopram in human whole blood by chiral LC-MS/MS and application in forensic cases. <i>Drug Testing and Analysis</i> , 2017 , 9, 1549-1554	3.5	8
21	Simultaneous determination of ethanol& four types of non-oxidative metabolites in human whole blood by liquid chromatography tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2017 , 963, 68-75	6.6	7
20	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
19	Internal quality control samples for hair testing. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 188, 113459	3.5	7
18	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
17	Postmortem femoral blood concentrations of risperidone. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 57-60	2.9	6
16	Temporal patterns of tramadol in hair after a single dose. <i>Forensic Science International</i> , 2020 , 316, 110546		5
15	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
14	Liquid chromatography-tandem mass spectrometry determination of loperamide and its main metabolite desmethylloperamide in biological specimens and application to forensic cases. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004 , 811, 31-6	3.2	5
13	Distribution of zopiclone and main metabolites in hair following a single dose. <i>Forensic Science International</i> , 2020 , 306, 110074	2.6	5

12	Brain-blood ratio of morphine in heroin and morphine autopsy cases. <i>Forensic Science International</i> , 2019 , 301, 388-393	2.6	4
11	Stability of β -Hydroxybutyrate in Blood Samples from Impaired Drivers after Storage at 4°C and Comparison of GC-FID-GBL and LC-MS-MS Methods of Analysis. <i>Journal of Analytical Toxicology</i> , 2015 , 39, 294-9	2.9	4
10	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
9	Postmortem Brain-Blood Ratios of Amphetamine, Cocaine, Ephedrine, MDMA and Methylphenidate. <i>Journal of Analytical Toxicology</i> , 2019 , 43, 378-384	2.9	3
8	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
7	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
6	Postmortem Brain-Blood Ratios of Codeine, Fentanyl, Oxycodone and Tramadol. <i>Journal of Analytical Toxicology</i> , 2021 , 45, 53-59	2.9	2
5	A Systematic Review of Metabolite-to-Drug Ratios of Pharmaceuticals in Hair for Forensic Investigations. <i>Metabolites</i> , 2021 , 11,	5.6	1
4	Concentrations of citalopram and escitalopram in postmortem hair segments. <i>Forensic Science International</i> , 2022 , 336, 111349	2.6	1
3	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
2	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
1	Hair cortisol concentrations in decedents with severe mental illness [An autopsy-based cohort study. <i>Forensic Science International: Reports</i> , 2021 , 3, 100173	1.9	