

Olof Beck

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.

170
papers

5,384
citations

44
h-index

63
g-index

176
ext. papers

6,023
ext. citations

3.8
avg, IF

5.96
L-index

#	Paper	IF	Citations
170	Comparison of urinary excretion characteristics of ethanol and ethyl glucuronide. <i>Journal of Analytical Toxicology</i> , 2002 , 26, 201-4	2.9	170
169	Detection times for urinary ethyl glucuronide and ethyl sulfate in heavy drinkers during alcohol detoxification. <i>Alcohol and Alcoholism</i> , 2009 , 44, 55-61	3.5	142
168	MT-45, a new psychoactive substance associated with hearing loss and unconsciousness. <i>Clinical Toxicology</i> , 2014 , 52, 901-4	2.9	132
167	Naltrexone for the treatment of amphetamine dependence: a randomized, placebo-controlled trial. <i>American Journal of Psychiatry</i> , 2008 , 165, 1442-8	11.9	132
166	Opioid intoxications involving butyrfentanyl, 4-fluorobutyrfentanyl, and fentanyl from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 609-17	2.9	120
165	Intoxications involving the fentanyl analogs acetylfentanyl, 4-methoxybutyrfentanyl and furanylfentanyl: results from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2016 , 54, 324-32	2.9	115
164	Direct quantification of ethyl glucuronide in clinical urine samples by liquid chromatography-mass spectrometry. <i>Therapeutic Drug Monitoring</i> , 2002 , 24, 645-51	3.2	103
163	Methylphenidate for attention deficit hyperactivity disorder and drug relapse in criminal offenders with substance dependence: a 24-week randomized placebo-controlled trial. <i>Addiction</i> , 2014 , 109, 440-9	4.6	98
162	Multicomponent LC-MS/MS screening method for detection of new psychoactive drugs, legal highs, in urine-experience from the Swedish population. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 930, 112-20	3.2	98
161	Detection of new psychoactive substance use among emergency room patients: results from the Swedish STRIDA project. <i>Forensic Science International</i> , 2014 , 243, 23-9	2.6	95
160	Endogenous and xenobiotic metabolic stability of primary human hepatocytes in long-term 3D spheroid cultures revealed by a combination of targeted and untargeted metabolomics. <i>FASEB Journal</i> , 2017 , 31, 2696-2708	0.9	90
159	Importance of creatinine analyses of urine when screening for abused drugs. <i>Clinical Chemistry</i> , 1991 , 37, 1927-1931	5.5	88
158	Naltrexone attenuates the subjective effects of amphetamine in patients with amphetamine dependence. <i>Neuropsychopharmacology</i> , 2008 , 33, 1856-63	8.7	82
157	Evaluation of a new immunoassay for urinary ethyl glucuronide testing. <i>Alcohol and Alcoholism</i> , 2008 , 43, 46-8	3.5	81
156	Plasma concentrations of lamotrigine and its 2-N-glucuronide metabolite during pregnancy in women with epilepsy. <i>Epilepsia</i> , 2008 , 49, 1075-80	6.4	80
155	Intoxications involving acrylfentanyl and other novel designer fentanyls - results from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2017 , 55, 589-599	2.9	77
154	Laboratory testing for recent alcohol consumption: comparison of ethanol, methanol, and 5-hydroxytryptophol. <i>Clinical Chemistry</i> , 1996 , 42, 618-624	5.5	72

153	Validation of direct injection electrospray LC-MS/MS for confirmation of opiates in urine drug testing. <i>Journal of Mass Spectrometry</i> , 2007 , 42, 881-9	2.2	70
152	Digoxin-verapamil interaction: reduction of biliary but not renal digoxin clearance in humans. <i>Clinical Pharmacology and Therapeutics</i> , 1991 , 49, 256-62	6.1	69
151	Cannabinoids in exhaled breath following controlled administration of smoked cannabis. <i>Clinical Chemistry</i> , 2013 , 59, 1780-9	5.5	68
150	Urinary 5-hydroxytryptophol: a possible marker of recent alcohol consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 1992 , 16, 281-5	3.7	68
149	Identification of novel psychoactive drug use in Sweden based on laboratory analysis--initial experiences from the STRIDA project. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2013 , 73, 400-6	2	67
148	Evaluation of clinical assays for measuring high-dose methotrexate in plasma. <i>Clinical Chemistry</i> , 1996 , 42, 39-44	5.5	61
147	Characteristics of analytically confirmed 3-MMC-related intoxications from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 46-53	2.9	60
146	Intoxications by the dissociative new psychoactive substances diphenidine and methoxphenidine. <i>Clinical Toxicology</i> , 2015 , 53, 446-53	2.9	58
145	Detection of drugs of abuse in exhaled breath using a device for rapid collection: comparison with plasma, urine and self-reporting in 47 drug users. <i>Journal of Breath Research</i> , 2013 , 7, 026006	3.1	58
144	Detectability of designer benzodiazepines in CEDIA, EMIT II Plus, HEIA, and KIMS II immunochemical screening assays. <i>Drug Testing and Analysis</i> , 2017 , 9, 640-645	3.5	55
143	Time course of ethanol-induced changes in serotonin metabolism. <i>Life Sciences</i> , 1993 , 53, 847-55	6.8	55
142	Analytically Confirmed Intoxications Involving MDMB-CHMICA from the STRIDA Project. <i>Journal of Medical Toxicology</i> , 2017 , 13, 52-60	2.6	54
141	Sustained release methylphenidate for the treatment of ADHD in amphetamine abusers: a pilot study. <i>Drug and Alcohol Dependence</i> , 2010 , 108, 130-3	4.9	54
140	On the accurate determination of serotonin in human plasma. <i>Biochemical and Biophysical Research Communications</i> , 1993 , 196, 260-6	3.4	54
139	Phencyclidine analog use in Sweden--intoxication cases involving 3-MeO-PCP and 4-MeO-PCP from the STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 856-64	2.9	53
138	Determination of urinary 5-hydroxyindole-3-acetic acid by high-performance liquid chromatography with electrochemical detection and direct sample injection. <i>Analytical Biochemistry</i> , 1991 , 196, 170-3	3.1	52
137	Detection of Benzodiazepine Intake in Therapeutic Doses by Immunoanalysis of Urine: Two Techniques Evaluated and Modified for Improved Performance. <i>Clinical Chemistry</i> , 1992 , 38, 271-275	5.5	52
136	Multicomponent screening for drugs of abuse: direct analysis of urine by LC-MS-MS. <i>Therapeutic Drug Monitoring</i> , 2004 , 26, 90-7	3.2	51

135	Identification of main human urinary metabolites of the designer nitrobenzodiazepines clonazolam, meclonazepam, and nifoxipam by nano-liquid chromatography-high-resolution mass spectrometry for drug testing purposes. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3571-91	4.4	50
134	Methodologies for assessment of limit of detection and limit of identification using surface-enhanced Raman spectroscopy. <i>Sensors and Actuators B: Chemical</i> , 2015 , 207, 437-446	8.5	48
133	Application of direct urine LC-MS-MS analysis for screening of novel substances in drug abusers. <i>Journal of Analytical Toxicology</i> , 2005 , 29, 234-9	2.9	48
132	A disposable sampling device to collect volume-measured DBS directly from a fingerprick onto DBS paper. <i>Bioanalysis</i> , 2015 , 7, 2085-94	2.1	47
131	Detection of Δ -tetrahydrocannabinol in exhaled breath collected from cannabis users. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 541-4	2.9	47
130	5-hydroxytryptophol in the cerebrospinal fluid and urine of alcoholics and healthy subjects. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1982 , 321, 293-7	3.4	47
129	Urinary excretion of 5-hydroxyindole-3-acetic acid and 5-hydroxytryptophol after oral loading with serotonin. <i>Life Sciences</i> , 1992 , 50, 1207-13	6.8	46
128	Amphetamines detected in exhaled breath from drug addicts: A new possible method for drugs-of-abuse testing. <i>Journal of Analytical Toxicology</i> , 2010 , 34, 233-7	2.9	45
127	The effects of acamprosate on alcohol-cue reactivity and alcohol priming in dependent patients: a randomized controlled trial. <i>Psychopharmacology</i> , 2009 , 205, 53-62	4.7	45
126	Detection of relapses in alcohol-dependent patients: comparison of carbohydrate-deficient transferrin in serum, 5-hydroxytryptophol in urine, and self-reports. <i>Alcoholism: Clinical and Experimental Research</i> , 1993 , 17, 703-8	3.7	44
125	Direct injection LC-MS/MS method for identification and quantification of amphetamine, methamphetamine, 3,4-methylenedioxyamphetamine and 3,4-methylenedioxymethamphetamine in urine drug testing. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008 , 861, 22-8	3.2	43
124	Determination of lamotrigine and its metabolites in human plasma by liquid chromatography-mass spectrometry. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 603-7	3.2	43
123	On the monitoring of dabigatran treatment in "real life" patients with atrial fibrillation. <i>Thrombosis Research</i> , 2014 , 134, 783-9	8.2	42
122	Development and application of a multi-component LC-MS/MS method for determination of designer benzodiazepines in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016 , 1035, 104-110	3.2	42
121	Intoxications involving MDPV in Sweden during 2010-2014: Results from the STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 865-73	2.9	41
120	Comparison of urinary 5-hydroxytryptophol, breath ethanol, and self-report for detection of recent alcohol use during outpatient treatment: a study on methadone patients. <i>Drug and Alcohol Dependence</i> , 1999 , 56, 33-8	4.9	41
119	Toxicity evaluation of α -pyrrolidinovalerophenone (α PVP): results from intoxication cases within the STRIDA project. <i>Clinical Toxicology</i> , 2016 , 54, 568-75	2.9	41
118	Intoxications of the new psychoactive substance 5-(2-aminopropyl)indole (5-IT): a case series from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2014 , 52, 618-24	2.9	37

117	5-hydroxytryptophol as a marker for recent alcohol intake. <i>Addiction</i> , 2003 , 98 Suppl 2, 63-72	4.6	36
116	Potential of Mass Spectrometry in Developing Clinical Laboratory Biomarkers of Nonvolatiles in Exhaled Breath. <i>Clinical Chemistry</i> , 2016 , 62, 84-91	5.5	35
115	Determination of methadone in exhaled breath condensate by liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 129-33	2.9	35
114	Study on the sampling of methadone from exhaled breath. <i>Journal of Analytical Toxicology</i> , 2011 , 35, 257-63	2.9	35
113	Chloroquine reduces the bioavailability of methotrexate in patients with rheumatoid arthritis. A possible mechanism of reduced hepatotoxicity. <i>Arthritis and Rheumatism</i> , 1994 , 37, 830-3		34
112	Intoxications in the STRIDA project involving a panorama of psychostimulant pyrovalerone derivatives, MDPV copycats. <i>Clinical Toxicology</i> , 2018 , 56, 256-263	2.9	32
111	Detection of drugs of abuse in exhaled breath from users following recovery from intoxication. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 638-46	2.9	32
110	Direct screening of urine for MDMA and MDA by liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2003 , 27, 15-9	2.9	32
109	Distinguishing Ingested Ethanol from Microbial Formation by Analysis of Urinary 5-Hydroxytryptophol and 5-Hydroxyindoleacetic Acid. <i>Journal of Forensic Sciences</i> , 1995 , 40, 13768J	1.8	32
108	Detectability of new psychoactive substances, Regal highs [®] in CEDIA, EMIT, and KIMS immunochemical screening assays for drugs of abuse. <i>Drug Testing and Analysis</i> , 2014 , 6, 492-9	3.5	31
107	Method for determination of methadone in exhaled breath collected from subjects undergoing methadone maintenance treatment. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2255-9	3.2	31
106	Urine and plasma pharmacokinetics of codeine in healthy volunteers: implications for drugs-of-abuse testing. <i>Journal of Analytical Toxicology</i> , 1996 , 20, 541-6	2.9	28
105	Liquid chromatographic determination of plasma lamotrigine in pediatric samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996 , 14, 755-8	3.5	28
104	Evaluation of a direct high-capacity target screening approach for urine drug testing using liquid chromatography-time-of-flight mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 909, 6-13	3.2	27
103	Comparison of analytical approaches for liquid chromatography/mass spectrometry determination of the alcohol biomarker ethyl glucuronide in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 1737-43	2.2	27
102	Electrospray LC-MS method with solid-phase extraction for accurate determination of morphine-, codeine-, and ethylmorphine-glucuronides and 6-acetylmorphine in urine. <i>Journal of Analytical Toxicology</i> , 2007 , 31, 81-6	2.9	27
101	Evaluation of analytical procedures for urinary codeine and morphine measurements. <i>Journal of Analytical Toxicology</i> , 1994 , 18, 129-33	2.9	27
100	(Δ^9 -Tetrahydrocannabinol concentrations in exhaled breath and physiological effects following cannabis intake - A pilot study using illicit cannabis. <i>Clinical Biochemistry</i> , 2016 , 49, 1072-7	3.5	27

99	Occurrence and time course of NPS benzodiazepines in Sweden - results from intoxication cases in the STRIDA project. <i>Clinical Toxicology</i> , 2019 , 57, 203-212	2.9	27
98	First report on the pharmacokinetics of tramadol and O-desmethyiltramadol in exhaled breath compared to plasma and oral fluid after a single oral dose. <i>Biochemical Pharmacology</i> , 2015 , 98, 502-10	6	26
97	Study of measurement of the alcohol biomarker phosphatidylethanol (PEth) in dried blood spot (DBS) samples and application of a volumetric DBS device. <i>Clinica Chimica Acta</i> , 2018 , 479, 38-42	6.2	26
96	A LC-MS/MS method for therapeutic drug monitoring of carbamazepine, lamotrigine and valproic acid in DBS. <i>Bioanalysis</i> , 2015 , 7, 2031-9	2.1	25
95	Exhaled breath for drugs of abuse testing - evaluation in criminal justice settings. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2014 , 54, 57-60	2	25
94	Method validation and application of a liquid chromatography-tandem mass spectrometry method for drugs of abuse testing in exhaled breath. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015 , 985, 189-96	3.2	25
93	Demonstration that methadone is being present in the exhaled breath aerosol fraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 56, 1024-8	3.5	25
92	Accurate identification and quantification of 11-nor-delta(9)-tetrahydrocannabinol-9-carboxylic acid in urine drug testing: evaluation of a direct high efficiency liquid chromatographic-mass spectrometric method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 941, 121-8	3.2	25
91	Comparison between dried blood spot and plasma sampling for therapeutic drug monitoring of antiepileptic drugs in children with epilepsy: A step towards home sampling. <i>Clinical Biochemistry</i> , 2017 , 50, 418-424	3.5	24
90	Detectability of fentanyl and designer fentanyls in urine by 3 commercial fentanyl immunoassays. <i>Drug Testing and Analysis</i> , 2018 , 10, 1297	3.5	24
89	Methods for urine drug testing using one-step dilution and direct injection in combination with LC-MS/MS and LC-HRMS. <i>Bioanalysis</i> , 2014 , 6, 2229-44	2.1	24
88	Changes in serotonin metabolism during treatment with the aldehyde dehydrogenase inhibitors disulfiram and cyanamide. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1995 , 77, 323-6		24
87	Quantification of cocaine and metabolites in exhaled breath by liquid chromatography-high-resolution mass spectrometry following controlled administration of intravenous cocaine. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 6213-23	4.4	23
86	Alcohol biomarker analysis: simultaneous determination of 5-hydroxytryptophol glucuronide and 5-hydroxyindoleacetic acid by direct injection of urine using ultra-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007 , 42, 940-9	2.2	23
85	Characterization of exhaled breath particles collected by an electret filter technique. <i>Journal of Breath Research</i> , 2016 , 10, 026001	3.1	23
84	Elimination Characteristics of the Alcohol Biomarker Phosphatidylethanol (PEth) in Blood during Alcohol Detoxification. <i>Alcohol and Alcoholism</i> , 2019 , 54, 251-257	3.5	22
83	The effect of drying on the homogeneity of DBS. <i>Bioanalysis</i> , 2015 , 7, 1977-85	2.1	22
82	Chemical synthesis, characterisation and in vitro and in vivo metabolism of the synthetic opioid MT-45 and its newly identified fluorinated analogue 2F-MT-45 with metabolite confirmation in urine samples from known drug users. <i>Forensic Toxicology</i> , 2018 , 36, 359-374	2.6	22

81	Human urinary metabolic patterns of the designer benzodiazepines flubromazolam and pyrazolam studied by liquid chromatography-high resolution mass spectrometry. <i>Drug Testing and Analysis</i> , 2018 , 10, 496-506	3.5	21
80	Frontline immunochromatographic device for on-site urine testing of amphetamines: laboratory validation using authentic specimens. <i>Annals of Clinical Biochemistry</i> , 2000 , 37 (Pt 2), 199-204	2.2	21
79	The synthesis of 5-hydroxyindole-3-(2-D2-acetic acid) and 5,6 -D4-5-hydroxytryptamine. <i>Journal of Labelled Compounds</i> , 1975 , 11, 57-61		21
78	European guidelines for workplace drug testing in oral fluid. <i>Drug Testing and Analysis</i> , 2018 , 10, 402-415	3.5	20
77	The effects of the monoamine stabilizer (-)-OSU6162 on craving in alcohol dependent individuals: A human laboratory study. <i>European Neuropsychopharmacology</i> , 2015 , 25, 2240-51	1.2	20
76	Unreliable alcohol testing in a shipping safety programme. <i>Forensic Science International</i> , 2009 , 189, e45-76	2.6	20
75	Concentration-dependent stimulation of intestinal phase III of migrating motor complex by circulating serotonin in humans. <i>Clinical Science</i> , 1998 , 94, 663-70	6.5	20
74	Determination of urinary 5-hydroxytryptophol by high-performance liquid chromatography with electrochemical detection. <i>Biomedical Applications</i> , 1992 , 579, 340-5		20
73	High-Yield Passive Plasma Filtration from Human Finger Prick Blood. <i>Analytical Chemistry</i> , 2018 , 90, 13397-13399	3.1	20
72	Clinical trial of a new technique for drugs of abuse testing: a new possible sampling technique. <i>Journal of Substance Abuse Treatment</i> , 2015 , 48, 132-6	4.2	19
71	Urinary 5HTOL/5HIAA as biochemical marker of postmortem ethanol synthesis. <i>Lancet, The</i> , 1992 , 340, 1159	4.0	19
70	Adverse events related to the new psychoactive substance 3-fluorophenmetrazine - results from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2016 , 54, 819-825	2.9	19
69	Use of LC-HRMS in full scan-XIC mode for multi-analyte urine drug testing - a step towards a black-box resolution?. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 497-506	2.2	17
68	Investigation of drug products received for analysis in the Swedish STRIDA project on new psychoactive substances. <i>Drug Testing and Analysis</i> , 2018 , 10, 340-349	3.5	17
67	Paradoxical results in urine drug testing for 6-acetylmorphine and total opiates: implications for best analytical strategy. <i>Journal of Analytical Toxicology</i> , 2006 , 30, 73-9	2.9	17
66	5-Hydroxytryptophol conjugation in man: influence of alcohol consumption and altered serotonin turnover. <i>Life Sciences</i> , 1995 , 56, 1529-34	6.8	17
65	European guidelines for workplace drug testing in urine. <i>Drug Testing and Analysis</i> , 2017 , 9, 853-865	3.5	16
64	Measurement of Lung Phosphatidylcholines in Exhaled Breath Particles by a Convenient Collection Procedure. <i>Analytical Chemistry</i> , 2015 , 87, 11553-60	7.8	16

63	Direct and efficient liquid chromatographic-tandem mass spectrometric method for opiates in urine drug testing - importance of 6-acetylmorphine and reduction of analytes. <i>Drug Testing and Analysis</i> , 2014 , 6, 317-24	3.5	16
62	Phospholipid removal combined with a semi-automated 96-well SPE application for determination of budesonide in human plasma with LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014 , 970, 31-5	3.2	16
61	Determination of amphetamine and methylphenidate in exhaled breath of patients undergoing attention-deficit/hyperactivity disorder treatment. <i>Therapeutic Drug Monitoring</i> , 2014 , 36, 528-34	3.2	16
60	Laboratory and clinical evaluation of on-site urine drug testing. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2014 , 74, 681-6	2	16
59	Dose-Response Characteristics of the Alcohol Biomarker Phosphatidylethanol (PEth)-A Study of Outpatients in Treatment for Reduced Drinking. <i>Alcohol and Alcoholism</i> , 2019 , 54, 567-573	3.5	15
58	Application of drug testing using exhaled breath for compliance monitoring of drug addicts in treatment. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2015 , 75, 156-61	2	15
57	Biomarkers to disclose recent intake of alcohol: potential of 5-hydroxytryptophol glucuronide testing using new direct UPLC-tandem MS and ELISA methods. <i>Alcohol and Alcoholism</i> , 2007 , 42, 321-5	3.5	15
56	A comparison of two intensities of psychosocial intervention for alcohol dependent patients treated with acamprosate. <i>Alcohol and Alcoholism</i> , 2004 , 39, 251-5	3.5	15
55	Synthesis of six specifically deuterated indoles of biological interest. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1980 , 17, 411-419	1.9	15
54	Two techniques to sample non-volatiles in breath-exemplified by methadone. <i>Journal of Breath Research</i> , 2017 , 12, 016011	3.1	14
53	A liquid chromatography and tandem mass spectrometry method to determine 28 non-volatile drugs of abuse in exhaled breath. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 148, 251-258	3.5	13
52	Development and clinical application of an LC-MS-MS method for mescaline in urine. <i>Journal of Analytical Toxicology</i> , 2008 , 32, 227-31	2.9	13
51	Experiences from using LC-MS/MS for analysis of immunosuppressive drugs in a TDM service. <i>Clinical Biochemistry</i> , 2016 , 49, 1024-31	3.5	12
50	Acute Intoxications Involving ϵ -Pyrrolidinobutiophenone (ϵ PBP): Results from the Swedish STRIDA Project. <i>Journal of Medical Toxicology</i> , 2018 , 14, 265-271	2.6	12
49	Phosphatidylethanol in breath: a possible noninvasive screening test for heavy alcohol consumption. <i>Clinical Chemistry</i> , 2015 , 61, 991-3	5.5	12
48	Determination of urinary 5-hydroxytryptophol glucuronide by liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 816, 107-12	3.2	12
47	Evaluation of a Volumetric Dried Blood Spot Card Using a Gravimetric Method and a Bioanalytical Method with Capillary Blood from 44 Volunteers. <i>Analytical Chemistry</i> , 2019 , 91, 5558-5565	7.8	11
46	Multianalyte serology in home-sampled blood enables an unbiased assessment of the immune response against SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 3695	17.4	11

45	The MOVEMENT Trial. <i>Journal of the American Heart Association</i> , 2019 , 8, e010152	6	11
44	Drug abuse screening with exhaled breath and oral fluid in adults with substance use disorder. <i>Drug Testing and Analysis</i> , 2019 , 11, 27-32	3.5	11
43	Acamprosate determinations in plasma and cerebrospinal fluid after multiple dosing measured by liquid chromatography-mass spectroscopy: a pharmacokinetic study in healthy volunteers. <i>Therapeutic Drug Monitoring</i> , 2010 , 32, 489-96	3.2	10
42	An Autonomous Microfluidic Device for Generating Volume-Defined Dried Plasma Spots. <i>Analytical Chemistry</i> , 2019 , 91, 7125-7130	7.8	9
41	Narcolepsy Treated with Racemic Amphetamine during Pregnancy and Breastfeeding. <i>Journal of Human Lactation</i> , 2015 , 31, 374-6	2.6	9
40	Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project. <i>PLoS ONE</i> , 2020 , 15, e0232038	3.7	9
39	Evaluation of a new simple collection device for sampling of microparticles in exhaled breath. <i>Journal of Breath Research</i> , 2018 , 12, 036005	3.1	8
38	Urine analysis of 28 designer benzodiazepines by liquid chromatography-high-resolution mass spectrometry. <i>Clinical Mass Spectrometry</i> , 2018 , 10, 25-32	1.9	8
37	5-methoxytryptamine in the human pineal gland: identification and quantitation by mass fragmentography. <i>Journal of Neurochemistry</i> , 1979 , 32, 1853-5	6	8
36	Determination of 5-hydroxytryptophol in urine by high-performance liquid chromatography: application of a new post-column derivatization method with fluorometric detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995 , 13, 651-4	3.5	7
35	The use of 5-hydroxytryptophol as an alcohol intake marker. <i>Alcohol and Alcoholism Supplement</i> , 1994 , 2, 497-502		7
34	Determination of glucuronidated 5-hydroxytryptophol (GTOL), a marker of recent alcohol intake, by ELISA technique. <i>Clinical Biochemistry</i> , 2007 , 40, 128-31	3.5	6
33	A translational multiplex serology approach to profile the prevalence of anti-SARS-CoV-2 antibodies in home-sampled blood		6
32	Peanuts in the air - clinical and experimental studies. <i>Clinical and Experimental Allergy</i> , 2021 , 51, 585-593	4.1	6
31	Precise determination of glucose-d(2)/glucose ratio in human serum and plasma by APCI LC-MS/MS. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009 , 69, 837-42	2	5
30	Measurement of the alcohol biomarker phosphatidylethanol (PEth) in dried blood spots and venous blood-importance of inhibition of post-sampling formation from ethanol. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 5601-5606	4.4	5
29	Oil-Fortified Maize Porridge Increases Absorption of Lumefantrine in Children with Uncomplicated Falciparum Malaria. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2017 , 120, 457-465	3.1	4
28	First evaluation of the possibility of testing for drugged driving using exhaled breath sampling. <i>Traffic Injury Prevention</i> , 2019 , 20, 238-243	1.8	4

27	Synthesis and bioanalytical evaluation of morphine-3-O-sulfate and morphine-6-O-sulfate in human urine and plasma using LC-MS/MS. <i>Journal of Separation Science</i> , 2012 , 35, 367-75	3.4	4
26	Severe acute respiratory syndrome coronavirus 2 can be detected in exhaled aerosol sampled during a few minutes of breathing or coughing.. <i>Influenza and Other Respiratory Viruses</i> , 2022 ,	5.6	4
25	Detection of benzodiazepine intake in therapeutic doses by immunoanalysis of urine: two techniques evaluated and modified for improved performance. <i>Clinical Chemistry</i> , 1992 , 38, 271-5	5.5	4
24	An analytically confirmed non-fatal intoxication by carfentanil in Sweden. <i>Clinical Toxicology</i> , 2019 , 57, 372-374	2.9	4
23	Detection of heroin intake in patients in substitution treatment using oral fluid as specimen for drug testing. <i>Drug and Alcohol Dependence</i> , 2019 , 198, 136-139	4.9	3
22	Possible mechanism for inhibition of morphine formation from 6-acetylmorphine after intake of street heroin. <i>Forensic Science International</i> , 2015 , 252, 150-6	2.6	3
21	Pharmacokinetics of methylphenidate and ritalinic acid in plasma correlations with exhaled breath and oral fluid in healthy volunteers. <i>European Journal of Clinical Pharmacology</i> , 2020 , 76, 229-237	2.8	3
20	Application of Liquid Chromatography Combined With High Resolution Mass Spectrometry for Urine Drug Testing 2019 , 321-332		2
19	Chapter 17 Analytical markers of acute and chronic alcohol consumption. <i>Handbook of Analytical Separations</i> , 2008 , 6, 567-588	0.7	2
18	Study of Innervation, Sensory Neuropeptides, and Serotonin in Murine Contact Allergic Skin		2
17	Evaluation of an on-site test device for the heroin metabolite 6-acetylmorphine in urine. <i>Drug Testing and Analysis</i> , 2019 , 11, 536-540	3.5	2
16	Monitoring of plasma methadone: intercorrelation between immunoassay and gas chromatography-mass spectrometry. <i>Therapeutic Drug Monitoring</i> , 1990 , 12, 473-7	3.2	1
15	Drugs in breath 2020 , 493-507		1
14	Sevoflurane metabolite cross-react in the ethyl glucuronide DR□ immunoassay. <i>Drug Testing and Analysis</i> , 2018 , 10, 379-380	3.5	1
13	Cannabinoids in Exhaled Breath 2017 , 1018-1024		
12	191 Morphine Premedication for Intubation in Preterm Infants - A Pharmacokinetic and Pharmacogenetic Report. <i>Archives of Disease in Childhood</i> , 2012 , 97, A55-A55	2.2	
11	Natural killer cell activity and csf monoamine metabolites in suicide attempters. <i>Archives of Suicide Research</i> , 1997 , 3, 153-169	2.3	
10	Natural killer cell activity and CSF monoamine metabolites in suicide attempters. <i>Archives of Suicide Research</i> , 1997 , 3, 153-169	2.3	

- 9 Vibration-induced hearing loss: comparison of the protective efficacy of antioxidants and neurotrophins. *Audiological Medicine*, **2004**, 2, 169-173
- 8 Hydromorphone and codeine concentrations in oral fluid specimens from patients receiving substitution therapy with Substitol[®](morphine sulfate). *Drug Testing and Analysis*, **2021**, 13, 1743-1748 3.5
- 7 Impact of morphine dose on ticagrelor uptake and platelet inhibition in patients with ST-segment elevation myocardial infarction – A substudy from the prospective randomized MOVEMENT trial. *Thrombosis Update*, **2021**, 5, 100071 0.9
- 6 Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project **2020**, 15, e0232038
- 5 Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project **2020**, 15, e0232038
- 4 Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project **2020**, 15, e0232038
- 3 Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project **2020**, 15, e0232038
- 2 Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project **2020**, 15, e0232038
- 1 Drug trends and harm related to new psychoactive substances (NPS) in Sweden from 2010 to 2016: Experiences from the STRIDA project **2020**, 15, e0232038