

Anders Helander

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.

164
papers

6,130
citations

47
h-index

70
g-index

178
ext. papers

6,811
ext. citations

3.4
avg, IF

6.08
L-index

#	Paper	IF	Citations
164	CDT, GGT, and AST As Markers of Alcohol Use: The WHO/ISBRA Collaborative Project. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 332-339	3.7	205
163	Comparison of urinary excretion characteristics of ethanol and ethyl glucuronide. <i>Journal of Analytical Toxicology</i> , 2002 , 26, 201-4	2.9	170
162	Interference of Transferrin Isoform Types with Carbohydrate-deficient Transferrin Quantification in the Identification of Alcohol Abuse. <i>Clinical Chemistry</i> , 2001 , 47, 1225-1233	5.5	148
161	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
160	Improved HPLC method for carbohydrate-deficient transferrin in serum. <i>Clinical Chemistry</i> , 2003 , 49, 1881-90	5.5	142
159	MT-45, a new psychoactive substance associated with hearing loss and unconsciousness. <i>Clinical Toxicology</i> , 2014 , 52, 901-4	2.9	132
158	A pharmacokinetic study of ethyl glucuronide in blood and urine: applications to forensic toxicology. <i>Forensic Science International</i> , 2007 , 172, 119-24	2.6	121
157	Opioid intoxications involving butyrfentanyl, 4-fluorobutyrfentanyl, and fentanyl from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 609-17	2.9	120
156	Postcollection synthesis of ethyl glucuronide by bacteria in urine may cause false identification of alcohol consumption. <i>Clinical Chemistry</i> , 2007 , 53, 1855-7	5.5	118
155	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
154	Urinary tract infection: a risk factor for false-negative urinary ethyl glucuronide but not ethyl sulfate in the detection of recent alcohol consumption. <i>Clinical Chemistry</i> , 2005 , 51, 1728-30	5.5	114
153	Molecular species of the alcohol biomarker phosphatidylethanol in human blood measured by LC-MS. <i>Clinical Chemistry</i> , 2009 , 55, 1395-405	5.5	111
152	Ethyl sulfate: a metabolite of ethanol in humans and a potential biomarker of acute alcohol intake. <i>Journal of Analytical Toxicology</i> , 2005 , 29, 270-4	2.9	108
151	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
150	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
149	Toward standardization of carbohydrate-deficient transferrin (CDT) measurements: I. Analyte definition and proposal of a candidate reference method. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 558-62	5.9	95
148	Comparison between the urinary alcohol markers EtG, EtS, and GTOL/5-HIAA in a controlled drinking experiment. <i>Alcohol and Alcoholism</i> , 2008 , 43, 187-91	3.5	92

147	Mass spectrometric identification of ethyl sulfate as an ethanol metabolite in humans. <i>Clinical Chemistry</i> , 2004 , 50, 936-7	5.5	89
146	Perioperative Morbidity and Mortality in Chronic Alcoholic Patients. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 164S-170S	3.7	86
145	Evaluation of a new immunoassay for urinary ethyl glucuronide testing. <i>Alcohol and Alcoholism</i> , 2008 , 43, 46-8	3.5	81
144	Monitoring of the alcohol biomarkers PEth, CDT and EtG/EtS in an outpatient treatment setting. <i>Alcohol and Alcoholism</i> , 2012 , 47, 552-7	3.5	78
143	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
142	Longitudinal comparison of carbohydrate-deficient transferrin and gamma-glutamyl transferase: complementary markers of excessive alcohol consumption. <i>Alcohol and Alcoholism</i> , 1996 , 31, 101-7	3.5	73
141	Laboratory testing for recent alcohol consumption: comparison of ethanol, methanol, and 5-hydroxytryptophol. <i>Clinical Chemistry</i> , 1996 , 42, 618-624	5.5	72
140	Acute skin and hair symptoms followed by severe, delayed eye complications in subjects using the synthetic opioid MT-45. <i>British Journal of Dermatology</i> , 2017 , 176, 1021-1027	4	71
139	Method development for routine liquid chromatography-mass spectrometry measurement of the alcohol biomarker phosphatidylethanol (PEth) in blood. <i>Clinica Chimica Acta</i> , 2011 , 412, 1428-35	6.2	69
138	The Fentanyl Epidemic and Evolution of Fentanyl Analogs in the United States and the European Union. <i>Clinical Chemistry</i> , 2019 , 65, 242-253	5.5	68
137	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
136	Comparison of ethyl glucuronide in hair with phosphatidylethanol in whole blood as post-mortem markers of alcohol abuse. <i>Forensic Science International</i> , 2008 , 176, 76-81	2.6	66
135	Development and multicenter evaluation of the N latex CDT direct immunonephelometric assay for serum carbohydrate-deficient transferrin. <i>Clinical Chemistry</i> , 2007 , 53, 1115-21	5.5	66
134	Urinary ethyl glucuronide testing detects alcohol consumption in alcoholic liver disease patients awaiting liver transplantation. <i>Liver Transplantation</i> , 2007 , 13, 757-61	4.5	62
133	Influence of alcohol use, ethnicity, age, gender, BMI and smoking on the serum transferrin glycoform pattern: implications for use of carbohydrate-deficient transferrin (CDT) as alcohol biomarker. <i>Clinica Chimica Acta</i> , 2008 , 388, 59-67	6.2	61
132	Study of Axis-Shield new %CDT immunoassay for quantification of carbohydrate-deficient transferrin (CDT) in serum. <i>Alcohol and Alcoholism</i> , 2001 , 36, 406-12	3.5	61
131	Characteristics of analytically confirmed 3-MMC-related intoxications from the Swedish STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 46-53	2.9	60
130	Intoxications by the dissociative new psychoactive substances diphenidine and methoxphenidine. <i>Clinical Toxicology</i> , 2015 , 53, 446-53	2.9	58

129	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
128	Analytically Confirmed Intoxications Involving MDMB-CHMICA from the STRIDA Project. <i>Journal of Medical Toxicology</i> , 2017 , 13, 52-60	2.6	54
127	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
126	A multi-component LC-MS/MS method for detection of ten plant-derived psychoactive substances in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 1162-8	3.2	53
125	The Alcohol Use Disorders Identification Test (AUDIT) and Carbohydrate-Deficient Transferrin (CDT) in a Routine Workplace Health Examination. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 180-187	3.7	52
124	Testing for congenital disorders of glycosylation by HPLC measurement of serum transferrin glycoforms. <i>Clinical Chemistry</i> , 2004 , 50, 954-8	5.5	51
123	Ethyl glucuronide concentrations in two successive urinary voids from drinking drivers: relationship to creatinine content and blood and urine ethanol concentrations. <i>Forensic Science International</i> , 2003 , 133, 86-94	2.6	51
122	Detection of relapses in alcohol-dependent patients using carbohydrate-deficient transferrin: improvement with individualized reference levels during long-term monitoring. <i>Alcoholism: Clinical and Experimental Research</i> , 1995 , 19, 961-3	3.7	51
121	Absolute or Relative Measurement of Carbohydrate-deficient Transferrin in Serum? Experiences with Three Immunological Assays. <i>Clinical Chemistry</i> , 1999 , 45, 131-135	5.5	50
120	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
119	Changes in transferrin glycosylation during pregnancy may lead to false-positive carbohydrate-deficient transferrin (CDT) results in testing for riskful alcohol consumption. <i>Clinica Chimica Acta</i> , 2011 , 412, 129-33	6.2	48
118	Laboratory Tests for Acute Alcohol Consumption: Results of the WHO/ISBRA Study on State and Trait Markers of Alcohol Use and Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1070-1077	3.7	48
117	Screening and brief intervention for risky alcohol consumption in the workplace: results of a 1-year randomized controlled study. <i>Alcohol and Alcoholism</i> , 2010 , 45, 252-7	3.5	47
116	Biochemical markers of alcohol use and abuse: experiences from the Pilot Study of the WHO/ISBRA Collaborative Project on state and trait markers of alcohol. <i>International Society for Biomedical Research on Alcoholism. Alcohol and Alcoholism</i> , 1997 , 32, 133-44	3.5	47
115	Activities of human alcohol dehydrogenases in the metabolic pathways of ethanol and serotonin. <i>FEBS Journal</i> , 1999 , 262, 324-9		47
114	Clinical characteristics of carbohydrate-deficient transferrin (%disialotransferrin) measured by HPLC: sensitivity, specificity, gender effects, and relationship with other alcohol biomarkers. <i>Alcohol and Alcoholism</i> , 2008 , 43, 436-41	3.5	45
113	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
112	Intoxications involving MDPV in Sweden during 2010-2014: Results from the STRIDA project. <i>Clinical Toxicology</i> , 2015 , 53, 865-73	2.9	41

111	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
110	Toxicity evaluation of Pyrrolidinovalerophenone (PVP): results from intoxication cases within the STRIDA project. <i>Clinical Toxicology</i> , 2016 , 54, 568-75	2.9	41
109	Value of ethyl glucuronide in plasma as a biomarker for recent alcohol consumption in the emergency room. <i>Alcohol and Alcoholism</i> , 2008 , 43, 431-5	3.5	40
108	Alcohol consumption among pregnant women in a Swedish sample and its effects on the newborn outcomes. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 1779-86	3.7	39
107	Determination of carbohydrate-deficient transferrin in human serum using the Bio-Rad %CDT by HPLC test. <i>Clinica Chimica Acta</i> , 2006 , 371, 187-90	6.2	38
106	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
105	Comparison of HPLC and capillary electrophoresis for confirmatory testing of the alcohol misuse marker carbohydrate-deficient transferrin. <i>Clinical Chemistry</i> , 2005 , 51, 1528-31	5.5	37
104	Intra- and interindividual variability of carbohydrate-deficient transferrin, γ -glutamyltransferase, and mean corpuscular volume in teetotalers. <i>Clinical Chemistry</i> , 1998 , 44, 2120-2125	5.5	37
103	5-hydroxytryptophol as a marker for recent alcohol intake. <i>Addiction</i> , 2003 , 98 Suppl 2, 63-72	4.6	36
102	Carbohydrate-deficient transferrin and gamma-glutamyl transferase levels during disulfiram therapy. <i>Alcoholism: Clinical and Experimental Research</i> , 1996 , 20, 1202-5	3.7	36
101	New Psychoactive Substances (NPS) - the Hydra monster of recreational drugs. <i>Clinical Toxicology</i> , 2017 , 55, 1-3	2.9	34
100	Toward standardization of carbohydrate-deficient transferrin (CDT) measurements: II. Performance of a laboratory network running the HPLC candidate reference measurement procedure and evaluation of a candidate reference material. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 1585-92	5.9	34
99	Urinary ethyl glucuronide and ethyl sulfate testing for detection of recent drinking in an outpatient treatment program for alcohol and drug dependence. <i>Alcohol and Alcoholism</i> , 2011 , 46, 278-82	3.5	33
98	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
97	Bioanalytical and clinical evaluation of 103 suspected cases of intoxications with psychoactive plant materials. <i>Clinical Toxicology</i> , 2009 , 47, 566-72	2.9	32
96	HPLC evaluation of clinical and pharmacological factors reported to cause false-positive carbohydrate-deficient transferrin (CDT) levels. <i>Clinica Chimica Acta</i> , 2008 , 389, 164-6	6.2	32
95	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
94	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

93	Standardisation and use of the alcohol biomarker carbohydrate-deficient transferrin (CDT). <i>Clinica Chimica Acta</i> , 2016 , 459, 19-24	6.2	31
92	Urinary ethyl glucuronide and 5-hydroxytryptophol levels during repeated ethanol ingestion in healthy human subjects. <i>Alcohol and Alcoholism</i> , 2003 , 38, 347-51	3.5	30
91	Urinary ethyl glucuronide and ethyl sulfate testing for recent drinking in alcohol-dependent outpatients treated with acamprosate or placebo. <i>Alcohol and Alcoholism</i> , 2011 , 46, 553-7	3.5	29
90	Monitoring Relapse Drinking During Disulfiram Therapy by Assay of Urinary 5-Hydroxytryptophol. <i>Alcoholism: Clinical and Experimental Research</i> , 1998 , 22, 111-114	3.7	29
89	Biological markers in alcoholism. <i>Journal of Neural Transmission Supplementum</i> , 2003 , 15-32		28
88	Comparison of self-reported alcohol use with the alcohol biomarker phosphatidylethanol among young people in northern Tanzania. <i>Drug and Alcohol Dependence</i> , 2015 , 156, 289-296	4.9	27
87	Harmonization of measurement results of the alcohol biomarker carbohydrate-deficient transferrin by use of the toolbox of technical procedures of the International Consortium for Harmonization of Clinical Laboratory Results. <i>Clinical Chemistry</i> , 2014 , 60, 945-53	5.5	27
86	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
85	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
84	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
83	Asymptomatic phosphomannose isomerase deficiency (MPI-CDG) initially mistaken for excessive alcohol consumption. <i>Clinica Chimica Acta</i> , 2014 , 431, 15-8	6.2	25
82	IFCC approved HPLC reference measurement procedure for the alcohol consumption biomarker carbohydrate-deficient transferrin (CDT): Its validation and use. <i>Clinica Chimica Acta</i> , 2017 , 465, 91-100	6.2	24
81	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
80	Importance of HPLC confirmation of problematic carbohydrate-deficient transferrin (CDT) results from a multicapillary electrophoresis routine method. <i>Clinica Chimica Acta</i> , 2010 , 411, 1945-50	6.2	24
79	HPLC and mass spectrometric characterization of a candidate reference material for the alcohol biomarker carbohydrate-deficient transferrin (CDT). <i>Clinica Chimica Acta</i> , 2008 , 395, 142-5	6.2	24
78	Perioperative morbidity and mortality in chronic alcoholic patients. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 164S-170S	3.7	24
77	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
76	Interference of transferrin isoform types with carbohydrate-deficient transferrin quantification in the identification of alcohol abuse. <i>Clinical Chemistry</i> , 2001 , 47, 1225-33	5.5	23

75	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
74	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
73	Platelet Adenylyl Cyclase Activity as a Trait Marker of Alcohol Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2000 , 24, 810-821	3.7	22
72	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
71	Comparison of ethyl glucuronide and carbohydrate-deficient transferrin in different body fluids for post-mortem identification of alcohol use. <i>Alcohol and Alcoholism</i> , 2014 , 49, 55-9	3.5	21
70	Comparison of self-reported alcohol intake with the urinary excretion of 5-hydroxytryptophol:5-hydroxyindole-3-acetic acid, a biomarker of recent alcohol intake. <i>British Journal of Nutrition</i> , 2001 , 85, 621-7	3.6	21
69	Dolichol kinase deficiency (DOLK-CDG) with a purely neurological presentation caused by a novel mutation. <i>Molecular Genetics and Metabolism</i> , 2013 , 110, 342-4	3.7	20
68	Unreliable alcohol testing in a shipping safety programme. <i>Forensic Science International</i> , 2009 , 189, e45-76	2.0	20
67	Toward standardization of carbohydrate-deficient transferrin (CDT) measurements: III. Performance of native serum and serum spiked with disialotransferrin proves that harmonization of CDT assays is possible. <i>Clinical Chemistry and Laboratory Medicine</i> , 2013 , 51, 991-6	5.9	19
66	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
65	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
64	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
63	5-Hydroxytryptophol conjugation in man: influence of alcohol consumption and altered serotonin turnover. <i>Life Sciences</i> , 1995 , 56, 1529-34	6.8	17
62	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
61	Alcohol intake measured by phosphatidylethanol in blood and the lifetime drinking history interview are correlated with the extent of psoriasis. <i>Dermatology</i> , 2015 , 230, 375-80	4.4	15
60	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
59	Comparison of blood aldehyde dehydrogenase activities in moist snuff users, cigarette smokers and nontobacco users. <i>Alcoholism: Clinical and Experimental Research</i> , 1991 , 15, 1-6	3.7	15
58	Laboratory tests for acute alcohol consumption: results of the WHO/ISBRA Study on State and Trait Markers of Alcohol Use and Dependence. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1070-7	3.7	15

57	The Alcohol Use Disorders Identification Test and Carbohydrate-Deficient Transferrin in Alcohol-Related Sickness Absence. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 28-35	3.7	14
56	Immunoassay for ethyl glucuronide in vitreous humor: a new tool for postmortem diagnostics of alcohol use. <i>Forensic Science International</i> , 2013 , 226, 261-5	2.6	13
55	Comparative performance of biomarkers of alcohol consumption in a population sample of working-aged men in Russia: the Izhevsk Family Study. <i>Addiction</i> , 2013 , 108, 1579-89	4.6	13
54	Time Course and Reproducibility of Urinary Excretion Profiles of Ethanol, Methanol, and the Ratio of Serotonin Metabolites After Intravenous Infusion of Ethanol. <i>Alcoholism: Clinical and Experimental Research</i> , 1999 , 23, 1921-1926	3.7	13
53	Reprint of Standardisation and use of the alcohol biomarker carbohydrate-deficient transferrin (CDT). <i>Clinica Chimica Acta</i> , 2017 , 467, 15-20	6.2	12
52	Acute Intoxications Involving Pyrrolidinobutirophenone (PBPP): Results from the Swedish STRIDA Project. <i>Journal of Medical Toxicology</i> , 2018 , 14, 265-271	2.6	12
51	Phosphatidylethanol in breath: a possible noninvasive screening test for heavy alcohol consumption. <i>Clinical Chemistry</i> , 2015 , 61, 991-3	5.5	12
50	Low plasma antibodies specific for phosphatidylethanol in alcohol abusers and patients with alcoholic pancreatitis. <i>Addiction Biology</i> , 2012 , 17, 1057-67	4.6	12
49	Distribution of acetaldehyde in human blood: effects of ethanol and treatment with disulfiram. <i>Alcohol and Alcoholism</i> , 1993 , 28, 461-8	3.5	12
48	Insufficient standardization of a direct carbohydrate-deficient transferrin immunoassay. <i>Clinical Chemistry</i> , 2008 , 54, 1090-2	5.5	11
47	Use of leukocyte aldehyde dehydrogenase activity to monitor inhibitory effect of disulfiram treatment. <i>Alcoholism: Clinical and Experimental Research</i> , 1990 , 14, 48-52	3.7	10
46	Aldehyde dehydrogenase in blood: distribution, characteristics and possible use as marker of alcohol misuse. <i>Alcohol and Alcoholism</i> , 1993 , 28, 135-45	3.5	10
45	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
44	Feasibility and Acceptability of an Alcohol Addiction Therapy Integrated in a Transplant Center for Patients Awaiting Liver Transplantation. <i>Alcohol and Alcoholism</i> , 2016 , 51, 40-6	3.5	9
43	Solid-phase extraction procedure for ethyl glucuronide in urine. <i>Journal of Analytical Toxicology</i> , 2008 , 32, 778-81	2.9	9
42	Multicentre validation study of instrument applications for %CDT, an immunoassay for quantification of carbohydrate-deficient transferrin in serum. <i>Alcohol and Alcoholism</i> , 2002 , 37, 209-12	3.5	9
41	Performance of PEth Compared With Other Alcohol Biomarkers in Subjects Presenting For Occupational and Pre-Employment Medical Examination. <i>Alcohol and Alcoholism</i> , 2020 , 55, 401-408	3.5	8
40	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

39	Epidemiology of NPS Based Confirmed Overdose Cases: The STRIDA Project. <i>Handbook of Experimental Pharmacology</i> , 2018 , 252, 461-473	3.2	8
38	Alcohol and premature death in Estonian men: a study of forensic autopsies using novel biomarkers and proxy informants. <i>BMC Public Health</i> , 2012 , 12, 146	4.1	8
37	The biometric measurement of alcohol consumption. <i>Alcoholism: Clinical and Experimental Research</i> , 2012 , 36, 332-41	3.7	8
36	The Effect of Total Body Water on the Relationship Between Alcohol Consumption and Carbohydrate-Deficient Transferrin. <i>Alcoholism: Clinical and Experimental Research</i> , 2002 , 26, 1097-1104	3.7	8
35	Effect of transferrin glycation on the use of carbohydrate-deficient transferrin as an alcohol biomarker. <i>Alcohol and Alcoholism</i> , 2013 , 48, 478-82	3.5	7
34	Biological Markers of Alcohol Use and Abuse in Theory and Practice 2001 , 177-205		7
33	Laboratory testing for recent alcohol consumption: comparison of ethanol, methanol, and 5-hydroxytryptophol. <i>Clinical Chemistry</i> , 1996 , 42, 618-24	5.5	7
32	The use of 5-hydroxytryptophol as an alcohol intake marker. <i>Alcohol and Alcoholism Supplement</i> , 1994 , 2, 497-502		7
31	Validation of the MINI (DSM IV) Tool for the Assessment of Alcohol Dependence among Young People in Northern Tanzania Using the Alcohol Biomarker Phosphatidylethanol (PEth). <i>International Journal of Environmental Research and Public Health</i> , 2015 , 12, 14021-33	4.6	6
30	WHO/ISBRA Study on State and Trait Markers in Alcoholism. <i>Alcoholism: Clinical and Experimental Research</i> , 2001 , 25, 99S-103S	3.7	6
29	Platelet Adenylyl Cyclase Activity as a Trait Marker of Alcohol Dependence 2000 , 24, 810		6
28	Higher alcohol consumption in early pregnancy or low-to-moderate drinking during pregnancy may affect children's behaviour and development at one year and six months. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017 , 106, 446-453	3.1	5
27	Elevated brain 5-hydroxytryptophol levels in experimental portal-systemic encephalopathy. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997 , 80, 187-90		5
26	The Alcohol Use Disorders Identification Test (AUDIT) and Carbohydrate-Deficient Transferrin (CDT) in a Routine Workplace Health Examination 2000 , 24, 180		5
25	Integration of Clinical Examination, Self-Report, and Hair Ethyl Glucuronide Analysis for Evaluation of Patients With Alcoholic Liver Disease Prior to Liver Transplantation. <i>Progress in Transplantation</i> , 2016 , 26, 40-6	1.1	5
24	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
23	Identification and quantitation of phosphatidylethanol in oral fluid by liquid chromatography-tandem mass spectrometry. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, 1332-1339	5.9	4
22	An analytically confirmed non-fatal intoxication by carfentanil in Sweden. <i>Clinical Toxicology</i> , 2019 , 57, 372-374	2.9	4

21	Intra- and interindividual variability of carbohydrate-deficient transferrin, gamma-glutamyltransferase, and mean corpuscular volume in teetotalers. <i>Clinical Chemistry</i> , 1998 , 44, 2120-5	5.5	4
20	Absolute or relative measurement of carbohydrate-deficient transferrin in serum? Experiences with three immunological assays. <i>Clinical Chemistry</i> , 1999 , 45, 131-5	5.5	4
19	Standardization of carbohydrate-deficient transferrin: reply to the letter by Tagliaro and Bortolotti. <i>Clinical Chemistry and Laboratory Medicine</i> , 2008 , 46,	5.9	3
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