

Alain G Verstraete

List of Publications by Year in descending order

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161
papers

5,566
citations

76326

40
h-index

98798

67
g-index

174
all docs

174
docs citations

174
times ranked

4989
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection Times of Drugs of Abuse in Blood, Urine, and Oral Fluid. <i>Therapeutic Drug Monitoring</i> , 2004, 26, 200-205.	2.0	408
2	Innovative development and validation of an HPLC/DAD method for the qualitative and quantitative determination of major cannabinoids in cannabis plant material. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 4115-4124.	2.3	241
3	Drugs and Driving. <i>Traffic Injury Prevention</i> , 2004, 5, 241-253.	1.4	176
4	Meropenem and piperacillin/tazobactam prescribing in critically ill patients: does augmented renal clearance affect pharmacokinetic/pharmacodynamic target attainment when extended infusions are used?. <i>Critical Care</i> , 2013, 17, R84.	5.8	166
5	Therapeutic drug monitoring-based dose optimisation of piperacillin and meropenem: a randomised controlled trial. <i>Intensive Care Medicine</i> , 2014, 40, 380-387.	8.2	157
6	Oral fluid testing for driving under the influence of drugs: history, recent progress and remaining challenges. <i>Forensic Science International</i> , 2005, 150, 143-150.	2.2	155
7	Guidelines for research on drugged driving. <i>Addiction</i> , 2008, 103, 1258-1268.	3.3	143
8	Relationship Between Oral Fluid and Blood Concentrations of Drugs of Abuse in Drivers Suspected of Driving Under the Influence of Drugs. <i>Therapeutic Drug Monitoring</i> , 2009, 31, 511-519.	2.0	135
9	Dilute-and-shoot-liquid chromatography-mass spectrometry for urine analysis in doping control and analytical toxicology. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 55, 1-13.	11.4	110
10	Assays for therapeutic drug monitoring of β -lactam antibiotics: A structured review. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 367-375.	2.5	95
11	Cortisol in violent suicidal behaviour: association with personality and monoaminergic activity. <i>Journal of Affective Disorders</i> , 2000, 60, 181-189.	4.1	94
12	Evolution of the Content of THC and Other Major Cannabinoids in Drug-type Cannabis Cuttings and Seedlings During Growth of Plants*. <i>Journal of Forensic Sciences</i> , 2012, 57, 918-922.	1.6	93
13	Cholinesterase reactivation in organophosphorus poisoned patients depends on the plasma concentrations of the oxime pralidoxime methylsulphate and of the organophosphate. <i>Archives of Toxicology</i> , 1993, 67, 79-84.	4.2	91
14	The Use of Oral Fluid and Sweat Wipes for the Detection of Drugs of Abuse in Drivers. <i>Journal of Forensic Sciences</i> , 2002, 47, 1380-1387.	1.6	90
15	Comparison of drug concentrations between whole blood and oral fluid. <i>Drug Testing and Analysis</i> , 2014, 6, 461-471.	2.6	87
16	Quantification of seven β -lactam antibiotics and two β -lactamase inhibitors in human plasma using a validated UPLC-MS/MS method. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 416-422.	2.5	85
17	Workplace drug testing in Europe. <i>Forensic Science International</i> , 2001, 121, 2-6.	2.2	84
18	Plasma, oral fluid and sweat wipe ecstasy concentrations in controlled and real life conditions. <i>Forensic Science International</i> , 2002, 128, 90-97.	2.2	84

#	ARTICLE	IF	CITATIONS
19	Acute Chlorophenylpiperazine Overdose: A Case Report and Review of the Literature. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 394-398.	2.0	81
20	Validated method for the simultaneous determination of δ^9 -THC and δ^9 -THC-COOH in oral fluid, urine and whole blood using solid-phase extraction and liquid chromatography-mass spectrometry with electrospray ionization. <i>Forensic Science International</i> , 2007, 170, 148-155.	2.2	79
21	An analytical evaluation of eight on-site oral fluid drug screening devices using laboratory confirmation results from oral fluid. <i>Forensic Science International</i> , 2011, 208, 173-179.	2.2	76
22	Molecular phylogeny of <i>Cissus</i> L. of Vitaceae (the grape family) and evolution of its pantropical intercontinental disjunctions. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 43-53.	2.7	71
23	Augmented Renal Clearance Implies a Need for Increased Amoxicillin-Clavulanic Acid Dosing in Critically Ill Children. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7027-7035.	3.2	71
24	A Case-Control Study Estimating Accident Risk for Alcohol, Medicines and Illegal Drugs. <i>PLoS ONE</i> , 2012, 7, e43496.	2.5	69
25	Ultrafast quantification of β -lactam antibiotics in human plasma using UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 978-979, 89-94.	2.3	67
26	Current Developments in Drug Testing in Oral Fluid. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 196-202.	2.0	65
27	Development and Validation of a Liquid Chromatography-Tandem Mass Spectrometry Assay for the Quantification of Docetaxel and Paclitaxel in Human Plasma and Oral Fluid. <i>Analytical Chemistry</i> , 2005, 77, 4677-4683.	6.5	61
28	Analysis of δ^9 -tetrahydrocannabinol in oral fluid samples using solid-phase extraction and high-performance liquid chromatography-electrospray ionization mass spectrometry. <i>Forensic Science International</i> , 2005, 150, 205-211.	2.2	60
29	A Sudden Awakening from a Near Coma After Combined Intake of Gamma-Hydroxybutyric Acid (GHB) and Ethanol. <i>Journal of Toxicology: Clinical Toxicology</i> , 1997, 35, 591-594.	1.5	58
30	Detection of Flunitrazepam and 7-Aminoflunitrazepam in Oral Fluid after Controlled Administration of Rohypnol [®] . <i>Journal of Analytical Toxicology</i> , 2002, 26, 211-215.	2.8	55
31	Plasma concentrations of pralidoxime methylsulphate in organophosphorus poisoned patients. <i>Archives of Toxicology</i> , 1992, 66, 260-266.	4.2	50
32	Effects of alcohol (BAC 0.5‰) and ecstasy (MDMA 100 mg) on simulated driving performance and traffic safety. <i>Psychopharmacology</i> , 2012, 222, 377-390.	3.1	50
33	Population pharmacokinetics and dosing simulations of amoxicillin/clavulanic acid in critically ill patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2600-2608.	3.0	48
34	Oral Fluid Testing: Promises and Pitfalls. <i>Clinical Chemistry</i> , 2011, 57, 805-810.	3.2	47
35	Alcohol and drugs in seriously injured drivers in six European countries. <i>Drug Testing and Analysis</i> , 2013, 5, 156-165.	2.6	45
36	Detection of illicit drugs in oral fluid from drivers as biomarker for drugs in blood. <i>Forensic Science International</i> , 2015, 256, 42-45.	2.2	45

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37	Dose optimization of piperacillin/tazobactam in critically ill children. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2002-2011.	3.0	43
38	Population pharmacokinetics and evaluation of the predictive performance of pharmacokinetic models in critically ill patients receiving continuous infusion meropenem: a comparison of eight pharmacokinetic models. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 432-441.	3.0	43
39	Laboratory guidelines and standards in clinical and forensic toxicology. <i>Accreditation and Quality Assurance</i> , 2006, 11, 284-290.	0.8	42
40	Abrupt awakening phenomenon associated with gamma-hydroxybutyrate use: A case series. <i>Clinical Toxicology</i> , 2007, 45, 533-538.	1.9	42
41	Prevalence and Risk of Injury in Europe by Driving with Alcohol, Illicit Drugs and Medicines. <i>Procedia, Social and Behavioral Sciences</i> , 2012, 48, 2907-2916.	0.5	41
42	Does consistent piperacillin dosing result in consistent therapeutic concentrations in critically ill patients? A longitudinal study over an entire antibiotic course. <i>International Journal of Antimicrobial Agents</i> , 2014, 43, 470-473.	2.5	41
43	Automated Flow Cytometric Analysis of Cerebrospinal Fluid. <i>Clinical Chemistry</i> , 2001, 47, 556-560.	3.2	40
44	Comparison of the Sensitivity and Specificity of Six Immunoassays for the Detection of Amphetamines in Urine. <i>Journal of Analytical Toxicology</i> , 2005, 29, 359-364.	2.8	40
45	Roadside drug testing: Comparison of two legal approaches in Belgium. <i>Forensic Science International</i> , 2015, 249, 148-155.	2.2	40
46	Analytical Evaluation of Four On-Site Oral Fluid Drug Testing Devices. <i>Journal of Analytical Toxicology</i> , 2012, 36, 136-140.	2.8	38
47	Population pharmacokinetics of continuous infusion of piperacillin in critically ill patients. <i>International Journal of Antimicrobial Agents</i> , 2018, 51, 594-600.	2.5	38
48	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, 1072-1077.	1.9	37
49	Fatal Intoxication with Amlodipine. <i>Journal of Toxicology: Clinical Toxicology</i> , 1995, 33, 253-256.	1.5	35
50	Hair cortisol in relation to job stress and depressive symptoms. <i>Occupational Medicine</i> , 2017, 67, 114-120.	1.4	34
51	DUID: Oral Fluid and Blood Confirmation Compared in Belgium. <i>Journal of Analytical Toxicology</i> , 2012, 36, 418-421.	2.8	33
52	Analytical evaluation of a rapid on-site oral fluid drug test. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 2461-2468.	3.7	32
53	Prevalence of alcohol, illicit drugs and psychoactive medicines in killed drivers in four European countries. <i>International Journal of Injury Control and Safety Promotion</i> , 2014, 21, 17-28.	2.0	32
54	Multi-center analytical evaluation of a novel automated tacrolimus immunoassay. <i>Clinical Biochemistry</i> , 2014, 47, 1069-1077.	1.9	32

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55	First Report on Brorphine: The Next Opioid on the Deadly New Psychoactive Substance Horizon?. Journal of Analytical Toxicology, 2021, 44, 937-946.	2.8	31
56	Transplacental passage of a nonionic contrast agent. European Journal of Pediatrics, 2005, 164, 408-410.	2.7	30
57	Population pharmacokinetics and dosing simulations of cefuroxime in critically ill patients: non-standard dosing approaches are required to achieve therapeutic exposures. Journal of Antimicrobial Chemotherapy, 2014, 69, 2797-2803.	3.0	30
58	Can the prevalence of high blood drug concentrations in a population be estimated by analysing oral fluid? A study of tetrahydrocannabinol and amphetamine. Forensic Science International, 2010, 195, 153-159.	2.2	29
59	Estimating equivalent cutoff thresholds for drugs in blood and oral fluid using prevalence regression: A study of tetrahydrocannabinol and amphetamine. Forensic Science International, 2011, 212, e26-e30.	2.2	28
60	Estimation of Equivalent Cutoff Thresholds in Blood and Oral Fluid for Drug Prevalence Studies. Journal of Analytical Toxicology, 2014, 38, 92-98.	2.8	28
61	Enhanced method performance due to a shorter chromatographic run-time in a liquid chromatography-tandem mass spectrometry assay for paclitaxel. Journal of Chromatography A, 2004, 1041, 235-238.	3.7	27
62	Quantitative analysis of adenosine using liquid chromatography/atmospheric pressure chemical ionization-tandem mass spectrometry (LC/APCI-MS/MS). Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2010, 878, 1493-1498.	2.3	27
63	Phenytoin intoxication in critically ill patients. American Journal of Kidney Diseases, 2005, 45, 189-192.	1.9	26
64	Prevalence of therapeutic drugs in blood of drivers involved in traffic crashes in the area of Bologna, Italy. Forensic Science International, 2019, 302, 109914.	2.2	26
65	Usefulness of Roadside Urine Drug Screening in Drivers Suspected of Driving Under the Influence of Drugs (DUID). Journal of Analytical Toxicology, 2005, 29, 632-636.	2.8	25
66	Comparison between self-report of cannabis use and toxicological detection of THC/THCCOOH in blood and THC in oral fluid in drivers in a roadside survey. Drug Testing and Analysis, 2014, 6, 137-142.	2.6	25
67	Driving under the influence of drugs. Wiley Interdisciplinary Reviews Forensic Science, 2019, 1, .	2.1	25
68	Early target attainment of continuous infusion piperacillin/tazobactam and meropenem in critically ill patients: A prospective observational study. Journal of Critical Care, 2019, 52, 75-79.	2.2	25
69	Development and validation of a high-performance liquid chromatographic method for the determination of δ^3 -hydroxybutyric acid in rat plasma. Biomedical Applications, 2001, 752, 85-90.	1.7	23
70	Medical problems related to recreational drug use at nocturnal dance parties. European Journal of Emergency Medicine, 2003, 10, 302-308.	1.1	23
71	Multicenter Analytical Evaluation of the Automated Electrochemiluminescence Immunoassay for Cyclosporine. Therapeutic Drug Monitoring, 2014, 36, 640-650.	2.0	23
72	Measuring Unbound Versus Total Vancomycin Concentrations in Serum and Plasma. Therapeutic Drug Monitoring, 2015, 37, 180-187.	2.0	23

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73	Penetration of gentamicin and ofloxacin in human vitreous after systemic administration. Graefe's Archive for Clinical and Experimental Ophthalmology, 1996, 234, S59-S65.	1.9	22
74	Prevalence of alcohol and other psychoactive substances in injured drivers: Comparison between Belgium and the Netherlands. Forensic Science International, 2012, 220, 224-231.	2.2	22
75	Development, validation and application of an inductively coupled plasma " mass spectrometry method to determine cobalt in metal-on-metal prosthesis patients using volumetric absorptive microsampling. Talanta, 2020, 208, 120055.	5.5	21
76	Quantification of eight hematological tyrosine kinase inhibitors in both plasma and whole blood by a validated LC-MS/MS method. Talanta, 2021, 226, 122140.	5.5	20
77	Presence of Psychoactive Substances in Injured Belgian Drivers. Traffic Injury Prevention, 2013, 14, 461-468.	1.4	19
78	Exploration of the pre-analytical stability of β -lactam antibiotics in plasma and blood " implications for therapeutic drug monitoring and pharmacokinetic studies. Clinical Chemistry and Laboratory Medicine, 2015, 53, e227-30.	2.3	19
79	A Simulation Study Reveals Lack of Pharmacokinetic/Pharmacodynamic Target Attainment in De-escalated Antibiotic Therapy in Critically Ill Patients. Antimicrobial Agents and Chemotherapy, 2015, 59, 4689-4694.	3.2	19
80	Long-term chemogenetic suppression of seizures in a multifocal rat model of temporal lobe epilepsy. Epilepsia, 2021, 62, 659-670.	5.1	19
81	Formic acid poisoning: Case report and in vitro study of the hemolytic activity. American Journal of Emergency Medicine, 1989, 7, 286-290.	1.6	18
82	Three Cases of Substitution Errors Leading to Hyoscine Hydrobromide Overdose. Clinical Toxicology, 2005, 43, 861-865.	1.9	18
83	Heredity and lifestyle in the determination of between-subject variation in thyroid hormone levels in euthyroid men. European Journal of Endocrinology, 2013, 169, 835-844.	3.7	18
84	The toxicological challenges in the European research project DRUID. Forensic Science International: Genetics Supplement Series, 2009, 1, 29-32.	0.2	17
85	Analysis of Alcohol and Drugs in Oral Fluid From Truck Drivers in Norway. Traffic Injury Prevention, 2012, 13, 43-48.	1.4	17
86	Random and systematic errors in case-control studies calculating the injury risk of driving under the influence of psychoactive substances. Accident Analysis and Prevention, 2013, 52, 144-153.	5.7	17
87	Therapeutic drug monitoring of piperacillin and tazobactam by RP-HPLC of residual blood specimens. Clinica Chimica Acta, 2018, 482, 60-64.	1.1	17
88	Influence of preoperative combined radiochemotherapy on surgical outcome and colonic anastomotic healing: experimental study in the rat. International Journal of Radiation Oncology Biology Physics, 2001, 50, 1073-1078.	0.8	16
89	Performance of the Roche Total Mycophenolic Acid [®] assay on the Cobas Integra 400 [®] , Cobas 6000 [®] and comparison to LC-MS/MS in liver transplant patients. Clinical Chemistry and Laboratory Medicine, 2011, 49, 1159-65.	2.3	15
90	Medicines and driving: evaluation of training and software support for patient counselling by pharmacists. International Journal of Clinical Pharmacy, 2012, 34, 633-643.	2.1	15

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91	Effects of stimulant drugs on actual and simulated driving: perspectives from four experimental studies conducted as part of the DRUID research consortium. <i>Psychopharmacology</i> , 2012, 222, 413-418.	3.1	15
92	Predictors for patient knowledge and reported behaviour regarding driving under the influence of medicines: a multi-country survey. <i>BMC Public Health</i> , 2012, 12, 59.	2.9	15
93	Measuring Unbound Versus Total Piperacillin Concentrations in Plasma of Critically Ill Patients: Methodological Issues and Relevance. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 325-330.	2.0	15
94	The effect of duration and timing of systemic cyclosporine therapy on corneal allograft survival in a rat model. , 2001, 239, 152-157.		14
95	Impaired hemoglobin scavenging during an acute HIV-1 retroviral syndrome. <i>Clinica Chimica Acta</i> , 2010, 411, 521-523.	1.1	14
96	Saturable elimination of piperacillin in critically ill patients: implications for continuous infusion. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 741-749.	2.5	14
97	Influence of Sampling Procedure on Codeine Concentrations in Oral Fluid. <i>Journal of Analytical Toxicology</i> , 2016, 40, 148-152.	2.8	13
98	Stability of amoxicillin and amoxicillin/clavulanic acid reconstituted in isotonic saline. <i>Journal of Chemotherapy</i> , 2017, 29, 54-56.	1.5	13
99	A sensitive and high-throughput quantitative liquid chromatography high-resolution mass spectrometry method for therapeutic drug monitoring of 10 β -lactam antibiotics, linezolid and two β -lactamase inhibitors in human plasma. <i>Biomedical Chromatography</i> , 2021, 35, e5092.	1.7	13
100	Prevalence of Psychoactive Substances in Dutch and Belgian Traffic. <i>Journal of Studies on Alcohol and Drugs</i> , 2012, 73, 951-960.	1.0	12
101	Repeatability of oral fluid collection methods for THC measurement. <i>Forensic Science International</i> , 2012, 223, 266-272.	2.2	12
102	Prescribing and dispensing guidelines for medicinal drugs affecting driving performance. , 2009, , 121-134.		12
103	First identification, chemical analysis and pharmacological characterization of N-piperidinyl etonitazene (etonitazepipne), a recent addition to the 2-benzylbenzimidazole opioid subclass. <i>Archives of Toxicology</i> , 2022, 96, 1865-1880.	4.2	12
104	What are the most important tasks of tutors during the tutorials in hybrid problem-based learning curricula?. <i>BMC Medical Education</i> , 2015, 15, 84.	2.4	11
105	Utilisation des tests rapides de d�tection de drogues dans la salive au bord de la route et en sant� au travail. <i>Toxicologie Analytique Et Clinique</i> , 2009, 21, 3-8.	0.1	11
106	Ethical issues in pharmacoepidemiological research in Belgium. <i>Pharmacoepidemiology and Drug Safety</i> , 2001, 10, 595.	1.9	10
107	How to remove accumulated iodine in burn-injured patients. <i>Nephrology Dialysis Transplantation</i> , 2010, 25, 1614-1620.	0.7	10
108	External quality assessment of multi-analyte chromatographic methods in oral fluid. <i>Clinica Chimica Acta</i> , 2010, 411, 1041-1045.	1.1	10

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109	Astrocytes derived from fetal neural progenitor cells as a novel source for therapeutic adenosine delivery. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2010, 19, 390-396.	2.0	10
110	Therapeutic drug monitoring of voriconazole: validation of a novel ARKâ„¢ immunoassay and comparison with ultra-high performance liquid chromatography. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 53, e135-9.	2.3	10
111	Detection of 4 Benzodiazepines in Oral Fluid as Biomarker for Presence in Blood. <i>Therapeutic Drug Monitoring</i> , 2014, 36, 252-256.	2.0	10
112	StupÃ©fiants et conduite automobile - les actions rÃ©alisÃ©es en Belgique. <i>Toxicologie Analytique Et Clinique</i> , 2003, 15, 128-137.	0.1	10
113	Therapeutic Drug Monitoring of Tyrosine Kinase Inhibitors Using Dried Blood Microsamples. <i>Frontiers in Oncology</i> , 2022, 12, 821807.	2.8	10
114	Diagnostic Performance of the EMIT-toxÃ© Benzodiazepine Immunoassay, FPIA Serum Benzodiazepine Immunoassay, and Radioreceptor Assay in Suspected Acute Poisoning*. <i>Journal of Analytical Toxicology</i> , 1998, 22, 27-32.	2.8	9
115	A comparison of pharmacoepidemiological study designs in medication use and traffic safety research. <i>European Journal of Epidemiology</i> , 2012, 27, 473-481.	5.7	9
116	Multicenter method evaluation of the ARKâ„¢ Methotrexate Immunoassay. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, e13-6.	2.3	9
117	Application of the Characteristic Function to Evaluate and Compare Analytical Variability in an External Quality Assessment Scheme for Serum Ethanol. <i>Clinical Chemistry</i> , 2015, 61, 948-954.	3.2	9
118	Development and validation of an ultra-high performance liquid chromatography â€” high resolution mass spectrometry method for the quantification of total and free teicoplanin in human plasma. <i>Clinical Biochemistry</i> , 2019, 65, 29-37.	1.9	9
119	Joint Belgian recommendation on screening for DPD-deficiency in patients treated with 5-FU, capecitabine (and tegafur). <i>Acta Clinica Belgica</i> , 2021, , 1-7.	1.2	9
120	Efficiency of the GeniusÃ© Batch Hemodialysis System With Low Serum Solute Concentrations: The Case of Lithium Intoxication Therapy. <i>American Journal of Kidney Diseases</i> , 2005, 46, e95-e99.	1.9	8
121	Suboptimal Beta-Lactam Therapy in Critically Ill Children: Risk Factors and Outcome*. <i>Pediatric Critical Care Medicine</i> , 2022, 23, e309-e318.	0.5	8
122	Multicenter Evaluation of a New Electrochemiluminescence Immunoassay for Everolimus Concentrations in Whole Blood. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 59-68.	2.0	7
123	Methadone-related fatalities: review in the Ghent district between 1978-2008. <i>Acta Clinica Belgica</i> , 2012, 67, 352-61.	1.2	7
124	An Unusual Type of Kidney Stone. <i>Clinical Laboratory</i> , 2016, 62, 235-9.	0.5	7
125	Falsely Increased Urinary Caffeine Attributable to Contamination by Urine Test Strips. <i>Clinical Chemistry</i> , 1999, 45, 1315-1317.	3.2	6
126	An unusual case of (pseudo)hypertriglyceridaemia. <i>CKJ: Clinical Kidney Journal</i> , 2010, 3, 570-572.	2.9	6

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127	Is law enforcement of drug-impaired driving cost-efficient? An explorative study of a methodology for cost-benefit analysis. <i>International Journal of Drug Policy</i> , 2013, 24, 122-134.	3.3	6
128	Comparison of drug concentrations measured in roadside surveys and in seriously injured drivers in Belgium. <i>Drug Testing and Analysis</i> , 2013, 5, 541-548.	2.6	6
129	A comparative study of screening instruments and biomarkers for the detection of cannabis use. <i>Substance Abuse</i> , 2016, 37, 176-180.	2.3	6
130	Proficiency Testing for Meropenem and Piperacillin Therapeutic Drug Monitoring: Preliminary Results From the Belgian Society on Infectiology and Clinical Microbiology Pharmacokinetic-Pharmacodynamic Working Group. <i>Therapeutic Drug Monitoring</i> , 2018, 40, 156-158.	2.0	6
131	Organisation and quality monitoring for point-of-care testing (POCT) in Belgium: proposal for an expansion of the legal framework for POCT into primary health care. <i>Acta Clinica Belgica</i> , 2022, 77, 329-336.	1.2	6
132	Comparison of the drug concentrations in oral fluid collected by two sampling methods (Varian) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 5	0.1	6
133	Evaluation of the Diagnostic Performance of the Boehringer Mannheim CEDIA® LSD Assay*. <i>Journal of Analytical Toxicology</i> , 1998, 22, 601-604.	2.8	5
134	More Reliable On-Site Detection of Cannabis in Oral Fluid. <i>Clinical Chemistry</i> , 2012, 58, 1389-1391.	3.2	5
135	</title></titles> <contributors> <person_name sequence= 'first' contributor_role= 'author' > <given_name>Mike</given_name> <surname>Earl</surname> </person_name> <person_name sequence= 'additional' contributor_role= 'author' > <given_name>Marc</given_name> <surname>Vouillamoz</surname> </person_name> <person_name sequence= 'additional' contributor_role= 'author' > <given_name>Dorota</given_name> </person_name> </contributors>	3.2	5
136	The Results of the Roadside Drug Testing Assessment Project. , 2005, , 271-292.		5
137	Use of benzodiazepines in the general population and their involvement in acute self-poisoning cases. , 1998, 7, 403-410.		4
138	Blood alcohol testing: comparison of the performance obtained with the different methods used in the Belgian external quality assessment schemes. <i>Clinical Chemistry and Laboratory Medicine</i> , 2004, 42, 57-61.	2.3	4
139	A pragmatic bottom-up approach to harmonize the units of clinical chemistry tests among Belgian clinical laboratories, focusing on immunoassays. <i>Clinical Chemistry and Laboratory Medicine</i> , 2018, 57, 12-19.	2.3	4
140	Automation in Busulfan Therapeutic Drug Monitoring: Evaluation of an Immunoassay on two Routine Chemistry Analyzers. <i>Therapeutic Drug Monitoring</i> , 2022, 44, 335-339.	2.0	4
141	The modern trends in alcohol, drugs and driving research. <i>Forensic Science International: Genetics Supplement Series</i> , 2009, 1, 11-14.	0.2	3
142	How appropriate is therapeutic drug monitoring for lithium? Data from the Belgian external quality assessment scheme. <i>Clinical Biochemistry</i> , 2015, 48, 617-621.	1.9	3
143	Disulfiram inhibition of cyanide formation after acetonitrile poisoning. <i>Clinical Toxicology</i> , 2016, 54, 56-60.	1.9	3
144	Development and validation of an LC tandem MS assay for the quantification of Î²-lactam antibiotics in the sputum of cystic fibrosis patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 95-101.	3.0	3

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145	Development and validation of a liquid chromatography high-resolution mass spectrometry orbitrap method for the sensitive quantification of amoxicillin, piperacillin, tazobactam and meropenem in human faeces. <i>Analytica Chimica Acta</i> , 2021, 1177, 338760.	5.4	3
146	Development and validation of an analytical method for quantification of 15 non-tricyclic antidepressants in serum with UPLC-MS/MS. <i>Toxicologie Analytique Et Clinique</i> , 2016, 28, 294-302.	0.1	2
147	Assessment of the results of a three-year program for National Standardization and Quality Improvement of Medical Laboratories on Drug of Abuse Testing by the Ministry of Health in Turkey. <i>Drug Testing and Analysis</i> , 2019, 11, 215-222.	2.6	2
148	Subtherapeutic piperacillin concentrations in neurocritical patients. <i>Journal of Critical Care</i> , 2019, 54, 48-51.	2.2	2
149	An Enzymatic Factor May Interfere with the Digoxin Assay on the Stratus Analyzer. <i>Therapeutic Drug Monitoring</i> , 1986, 8, 244.	2.0	1
150	The Measurement of Nisoldipine Serum Concentration in a Case of Severe Nisoldipine Overdose. <i>Journal of Toxicology: Clinical Toxicology</i> , 1998, 36, 125-127.	1.5	1
151	Recreational use of 3,4-methylenedioxymethamphetamine (â€ˆecstasyâ€™™) relieving symptoms of posterior scleritis. <i>Eye</i> , 2007, 21, 1535-1537.	2.1	1
152	Pilot study of oral fluid and plasma meropenem and piperacillin concentrations in the intensive care unit. <i>Clinica Chimica Acta</i> , 2021, 523, 72-76.	1.1	1
153	Uniformisation of units of measurement in clinical chemistry in Belgium starting December 2012. <i>Acta Clinica Belgica</i> , 2012, 67, 385-6.	1.2	1
154	Analytical performance of eight enzymatic assays for ethanol in serum evaluated by data from the Belgian external quality assessment scheme. <i>Clinical Chemistry and Laboratory Medicine</i> , 2022, 60, 1211-1217.	2.3	1
155	The attitude of laboratory personnel towards accreditation. <i>Accreditation and Quality Assurance</i> , 1999, 4, 82-83.	0.8	0
156	Evaluation Of The Automated Acmia Immunoassay For Cyclosporin A On Dimension?? Xpand?? (Dade) Tj ETQq0 0 Q,rgBT /Overlock 10 T	2.8	0
157	Drug Testing in the Workplace (Independent Inquiry into Drug Testing at Work). <i>Addiction</i> , 2005, 100, 1031-1032.	3.3	0
158	Unexpected Overestimation of Methotrexate Plasma Concentrations. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 417-418.	2.0	0
159	Conduite automobile et cocaÃˆneÃˆ: bases bibliographiques pour un consensus de la SociÃ©tÃ© franÃ§aise de toxicologie analytique. <i>Toxicologie Analytique Et Clinique</i> , 2015, 27, 165-183.	0.1	0
160	AUGMENTED RENAL CLEARANCE IMPLIES A NEED FOR INCREASED AMOXICILLIN-CLAVULANATE DOSING IN CRITICALLY ILL CHILDREN. <i>Archives of Disease in Childhood</i> , 2016, 101, e1.15-e1.	1.9	0
161	Reformulated ArchitectÃ© cyclosporine CMIA assay: improved imprecision, worse comparability between methods. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, e209-e212.	2.3	0