

# Alexander L N Van Nuijs

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6882426/publications.pdf>

Version: 2024-02-01

133  
papers

7,120  
citations

53794

45  
h-index

64796

79  
g-index

138  
all docs

138  
docs citations

138  
times ranked

4772  
citing authors

#	ARTICLE	IF	CITATIONS
1	State-of-the-art analytical approaches and strategies to assess disposal of drugs for wastewater-based epidemiology. <i>Wiley Interdisciplinary Reviews Forensic Science</i> , 2023, 5, .	2.1	2
2	Edible insects in the metabolomics era. First steps towards the implementation of entometabolomics in food systems. <i>Trends in Food Science and Technology</i> , 2022, 119, 371-377.	15.1	6
3	Obesity influences the microbiotic biotransformation of chlorogenic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 211, 114550.	2.8	1
4	In vitro Phase I metabolism of newly identified plasticizers using human liver microsomes combined with high resolution mass spectrometry and based on non-targeted and suspect screening workflows. <i>Toxicology Letters</i> , 2022, 356, 33-40.	0.8	3
5	Factors influencing SARS-CoV-2 RNA concentrations in wastewater up to the sampling stage: A systematic review. <i>Science of the Total Environment</i> , 2022, 820, 153290.	8.0	55
6	Targeting ferroptosis protects against experimental (multi)organ dysfunction and death. <i>Nature Communications</i> , 2022, 13, 1046.	12.8	60
7	Optimization and Application of a Multiplex Digital PCR Assay for the Detection of SARS-CoV-2 Variants of Concern in Belgian Influent Wastewater. <i>Viruses</i> , 2022, 14, 610.	3.3	12
8	Metabolic Signature of Ethanol-Induced Hepatotoxicity in HepaRG Cells by Liquid Chromatography-Mass Spectrometry-Based Untargeted Metabolomics. <i>Journal of Proteome Research</i> , 2022, 21, 1153-1166.	3.7	7
9	Temporal monitoring of stimulants during the COVID-19 pandemic in Belgium through the analysis of influent wastewater. <i>International Journal of Drug Policy</i> , 2022, 104, 103679.	3.3	5
10	Ethyl glucuronide and alcohol abstinence: A correlation study in hair and fingernails to establish a cut-off value in fingernails for teetotalers. <i>Forensic Science International</i> , 2022, 335, 111278.	2.2	2
11	The Role of Kynurenines in Cognitive Dysfunction in Bipolar Disorder. <i>Neuropsychobiology</i> , 2022, 81, 184-191.	1.9	4
12	A Taste for New Psychoactive Substances: Wastewater Analysis Study of 10 Countries. <i>Environmental Science and Technology Letters</i> , 2022, 9, 57-63.	8.7	27
13	Qualitative and semi-quantitative screening of selected psychoactive drugs in blood: Usefulness of liquid chromatography-triple quadrupole and quadrupole time-of-flight mass spectrometry in routine toxicological analyses. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1206, 123279.	2.3	2
14	Lipidomics profiling of zebrafish liver through untargeted liquid chromatography-high resolution mass spectrometry. <i>Journal of Separation Science</i> , 2022, 45, 2935-2945.	2.5	6
15	Quantification of 54 Benzodiazepines and Z-Drugs, Including 20 Designer Ones, in Plasma. <i>Journal of Analytical Toxicology</i> , 2021, 45, 141-153.	2.8	10
16	Diagnostic Accuracy of Biomarkers of Alcohol Use in Patients With Liver Disease: A Systematic Review. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 25-37.	2.4	26
17	An exploratory approach for an oriented development of an untargeted hydrophilic interaction liquid chromatography-mass spectrometry platform for polar metabolites in biological matrices. <i>Journal of Chromatography A</i> , 2021, 1637, 461807.	3.7	28
18	Demonstrating the involvement of an active efflux mechanism in the intestinal absorption of chlorogenic acid and quinic acid using a Caco-2 bidirectional permeability assay. <i>Food and Function</i> , 2021, 12, 417-425.	4.6	22

#	ARTICLE	IF	CITATIONS
19	Investigation of Biotransformation Products of p-Methoxymethylamphetamine and Dihydromephedrone in Wastewater by High-Resolution Mass Spectrometry. <i>Metabolites</i> , 2021, 11, 66.	2.9	6
20	Stability of phosphatidylethanol 16:0/18:1 in authentic and spiked whole blood. <i>Drug Testing and Analysis</i> , 2021, 13, 1219-1222.	2.6	11
21	Local conversion of redox inactive molecules into redox active ones: A formaldehyde based strategy for the electrochemical detection of illicit drugs containing primary and secondary amines. <i>Electrochimica Acta</i> , 2021, 367, 137515.	5.2	8
22	Towards harmonised criteria in quality assurance and quality control of suspect and non-target LC-HRMS analytical workflows for screening of emerging contaminants in human biomonitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 136, 116201.	11.4	41
23	Electrochemical profiling and liquid chromatography-mass spectrometry characterization of synthetic cathinones: From methodology to detection in forensic samples. <i>Drug Testing and Analysis</i> , 2021, 13, 1282-1294.	2.6	28
24	Ion Mobility-High-Resolution Mass Spectrometry (IM-HRMS) for the Analysis of Contaminants of Emerging Concern (CECs): Database Compilation and Application to Urine Samples. <i>Analytical Chemistry</i> , 2021, 93, 6428-6436.	6.5	34
25	Local Colonic Administration of a Serine Protease Inhibitor Improves Post-Inflammatory Visceral Hypersensitivity in Rats. <i>Pharmaceutics</i> , 2021, 13, 811.	4.5	10
26	Tetracycline Antibiotics: Elucidating the Electrochemical Fingerprint and Oxidation Pathway. <i>Chemosensors</i> , 2021, 9, 187.	3.6	14
27	Making Waves: Collaboration in the time of SARS-CoV-2 - rapid development of an international co-operation and wastewater surveillance database to support public health decision-making. <i>Water Research</i> , 2021, 199, 117167.	11.3	48
28	Application of wastewater-based epidemiology to investigate stimulant drug, alcohol and tobacco use in Lithuanian communities. <i>Science of the Total Environment</i> , 2021, 777, 145914.	8.0	27
29	Multi-analyte LC-MS/MS quantification of 38 antipsychotics and metabolites in plasma: Method validation & application to routine analyses. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122867.	2.3	4
30	Changes in drug use in European cities during early COVID-19 lockdowns - A snapshot from wastewater analysis. <i>Environment International</i> , 2021, 153, 106540.	10.0	47
31	Analytical method for the simultaneous determination of a broad range of opioids in influent wastewater: Optimization, validation and applicability to monitor consumption patterns. <i>Talanta</i> , 2021, 232, 122443.	5.5	19
32	Suicide by vaping the synthetic cannabinoid 4F-MDMB-BINACA: cannabinoid receptors and fluoride at the crossroads of toxicity?. <i>Forensic Science, Medicine, and Pathology</i> , 2021, 17, 684-688.	1.4	7
33	Mass Spectrometry-Based Zebrafish Toxicometabolomics: A Review of Analytical and Data Quality Challenges. <i>Metabolites</i> , 2021, 11, 635.	2.9	13
34	Current and future perspectives for wastewater-based epidemiology as a monitoring tool for pharmaceutical use. <i>Science of the Total Environment</i> , 2021, 789, 148047.	8.0	44
35	An alternative approach for bioanalytical assay optimization for wastewater-based epidemiology of SARS-CoV-2. <i>Science of the Total Environment</i> , 2021, 789, 148043.	8.0	25
36	Out of pocket expenses: effect of fee-waivers on opioid prescribing and dispensing. <i>International Journal of Drug Policy</i> , 2021, 98, 103423.	3.3	1

#	ARTICLE	IF	CITATIONS
37	Optimization of a liquid chromatography-ion mobility-high resolution mass spectrometry platform for untargeted lipidomics and application to HepaRG cell extracts. <i>Talanta</i> , 2021, 235, 122808.	5.5	18
38	Electrochemistry of Intact Versus Degraded Cephalosporin Antibiotics Facilitated by LC-MS Analysis. <i>Analytical Chemistry</i> , 2021, 93, 2394-2402.	6.5	7
39	A mood state-specific interaction between kynurenine metabolism and inflammation is present in bipolar disorder. <i>Bipolar Disorders</i> , 2020, 22, 59-69.	1.9	30
40	Electropolymerized o-Phenylenediamine on Graphite Promoting the Electrochemical Detection of Nafcillin. <i>Electroanalysis</i> , 2020, 32, 135-141.	2.9	14
41	Spatio-temporal assessment of illicit drug use at large scale: evidence from 7 years of international wastewater monitoring. <i>Addiction</i> , 2020, 115, 109-120.	3.3	154
42	Identifying Electrochemical Fingerprints of Ketamine with Voltammetry and Liquid Chromatography-Mass Spectrometry for Its Detection in Seized Samples. <i>Analytical Chemistry</i> , 2020, 92, 13485-13492.	6.5	35
43	Wastewater-Based Epidemiology: Global Collaborative to Maximize Contributions in the Fight Against COVID-19. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7754-7757.	10.0	337
44	Monitoring psychoactive substance use at six European festivals through wastewater and pooled urine analysis. <i>Science of the Total Environment</i> , 2020, 725, 138376.	8.0	61
45	Optimization of an in vitro gut microbiome biotransformation platform with chlorogenic acid as model compound: From fecal sample to biotransformation product identification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 175, 112768.	2.8	12
46	Unraveling the Mechanisms Behind the Complete Suppression of Cocaine Electrochemical Signals by Chlorpromazine, Promethazine, Procaine, and Dextromethorphan. <i>Analytical Chemistry</i> , 2019, 91, 15453-15460.	6.5	10
47	Suspect and Nontargeted Strategies to Investigate <i>in Vitro</i> Human Biotransformation Products of Emerging Environmental Contaminants: The Benzotriazoles. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10462-10469.	10.0	17
48	Determination of ocfentanil and W-18 in a suspicious heroin-like powder in Belgium. <i>Forensic Toxicology</i> , 2019, 37, 474-479.	2.4	6
49	Chlorogenic Acid as a Model Compound for Optimization of an In Vitro Gut Microbiome-Metabolism Model. <i>Proceedings (mdpi)</i> , 2019, 11, 31.	0.2	4
50	Development and validation of an analytical procedure to detect spatio-temporal differences in antidepressant use through a wastewater-based approach. <i>Talanta</i> , 2019, 200, 340-349.	5.5	31
51	Development and validation of a bioanalytical assay based on liquid chromatography-tandem mass spectrometry for measuring biomarkers of exposure of alternative plasticizers in human urine and serum. <i>Talanta</i> , 2019, 198, 230-236.	5.5	28
52	Advancing the Zebrafish embryo test for endocrine disruptor screening using microinjection: Ethinyl estradiol as a case study. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 533-547.	4.3	6
53	Cephalosporin Antibiotics: Electrochemical Fingerprints and Core Structure Reactions Investigated by LC-MS/MS. <i>Analytical Chemistry</i> , 2019, 91, 2035-2041.	6.5	10
54	Suspect and non-target screening workflows to investigate the <i>in vitro</i> and <i>in vivo</i> metabolism of the synthetic cannabinoid 5Cl-THJ-018. <i>Drug Testing and Analysis</i> , 2019, 11, 479-491.	2.6	17

#	ARTICLE	IF	CITATIONS
55	Levamisole: a Common Adulterant in Cocaine Street Samples Hindering Electrochemical Detection of Cocaine. <i>Analytical Chemistry</i> , 2018, 90, 5290-5297.	6.5	51
56	In vitro Phase I and Phase II metabolism of the new designer benzodiazepine cloniprazepam using liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 158-167.	2.8	28
57	Comparison of phosphodiesterase type V inhibitors use in eight European cities through analysis of urban wastewater. <i>Environment International</i> , 2018, 115, 279-284.	10.0	26
58	Investigating in-sewer transformation products formed from synthetic cathinones and phenethylamines using liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Science of the Total Environment</i> , 2018, 634, 331-340.	8.0	17
59	Keratinous matrices for the assessment of drugs of abuse consumption: A correlation study between hair and nails. <i>Drug Testing and Analysis</i> , 2018, 10, 1110-1118.	2.6	22
60	Multi-year inter-laboratory exercises for the analysis of illicit drugs and metabolites in wastewater: Development of a quality control system. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 103, 34-43.	11.4	85
61	Mass spectrometric strategies for the investigation of biomarkers of illicit drug use in wastewater. <i>Mass Spectrometry Reviews</i> , 2018, 37, 258-280.	5.4	95
62	Enantiomeric profiling of chiral illicit drugs in a pan-European study. <i>Water Research</i> , 2018, 130, 151-160.	11.3	83
63	Levels of 4-(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK) in raw wastewater as an innovative perspective for investigating population-wide exposure to third-hand smoke. <i>Scientific Reports</i> , 2018, 8, 13254.	3.3	15
64	Mining the Chemical Information on Urban Wastewater: Monitoring Human Exposure to Phosphorus Flame Retardants and Plasticizers. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6996-7005.	10.0	44
65	Validation of a simple, fast liquid chromatography-tandem mass spectrometry method for the simultaneous quantification of 40 antidepressant drugs or their metabolites in plasma. <i>Clinica Chimica Acta</i> , 2018, 485, 243-257.	1.1	30
66	Analysis of N,N-dimethylamphetamine in wastewater – a pyrolysis marker and synthesis impurity of methamphetamine. <i>Drug Testing and Analysis</i> , 2018, 10, 1590-1598.	2.6	3
67	Wastewater Analysis for Community-Wide Drugs Use Assessment. <i>Handbook of Experimental Pharmacology</i> , 2018, 252, 543-566.	1.8	15
68	Assessment of ethyl sulphate in hair as a marker for alcohol consumption using liquid chromatography–tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2018, 10, 1566-1572.	2.6	8
69	Screening for illicit drugs in pooled human urine and urinated soil samples and studies on the stability of urinary excretion products of cocaine, MDMA, and MDEA in wastewater by hyphenated mass spectrometry techniques. <i>Drug Testing and Analysis</i> , 2017, 9, 106-114.	2.6	17
70	Hair ethyl glucuronide concentrations in teetotalers: Should we re-evaluate the lower cut-off?. <i>Forensic Science International</i> , 2017, 274, 107-108.	2.2	12
71	A straightforward, validated liquid chromatography coupled to tandem mass spectrometry method for the simultaneous detection of nine drugs of abuse and their metabolites in hair and nails. <i>Analytica Chimica Acta</i> , 2017, 960, 101-109.	5.4	23
72	Wastewater-based epidemiology to assess pan-European pesticide exposure. <i>Water Research</i> , 2017, 121, 270-279.	11.3	110

#	ARTICLE	IF	CITATIONS
73	Improving wastewater-based epidemiology to estimate cannabis use: focus on the initial aspects of the analytical procedure. <i>Analytica Chimica Acta</i> , 2017, 988, 27-33.	5.4	57
74	Liquid Chromatography–Tandem Mass Spectrometry Analysis of Biomarkers of Exposure to Phosphorus Flame Retardants in Wastewater to Monitor Community-Wide Exposure. <i>Analytical Chemistry</i> , 2017, 89, 10045-10053.	6.5	42
75	Ethyl glucuronide in keratinous matrices as biomarker of alcohol use: A correlation study between hair and nails. <i>Forensic Science International</i> , 2017, 279, 187-191.	2.2	25
76	Novel Wastewater-Based Epidemiology Approach Based on Liquid Chromatography–Tandem Mass Spectrometry for Assessing Population Exposure to Tobacco-Specific Toxicants and Carcinogens. <i>Analytical Chemistry</i> , 2017, 89, 9268-9278.	6.5	28
77	Estimation of caffeine intake from analysis of caffeine metabolites in wastewater. <i>Science of the Total Environment</i> , 2017, 609, 1582-1588.	8.0	87
78	Qualitative screening for new psychoactive substances in wastewater collected during a city festival using liquid chromatography coupled to high-resolution mass spectrometry. <i>Chemosphere</i> , 2017, 184, 1186-1193.	8.2	67
79	Liquid chromatography-tandem mass spectrometry determination of synthetic cathinones and phenethylamines in influent wastewater of eight European cities. <i>Chemosphere</i> , 2017, 168, 1032-1041.	8.2	82
80	Comparison of pharmaceutical, illicit drug, alcohol, nicotine and caffeine levels in wastewater with sale, seizure and consumption data for 8 European cities. <i>BMC Public Health</i> , 2016, 16, 1035.	2.9	139
81	Ethyl glucuronide concentrations in hair: a controlled alcohol-dosing study in healthy volunteers. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2019-2025.	3.7	16
82	A comparison between wastewater-based drug data and an illicit drug use survey in a selected community. <i>International Journal of Drug Policy</i> , 2016, 34, 20-26.	3.3	29
83	Drugs of abuse and alcohol consumption among different groups of population on the Greek Island of Lesbos through sewage-based epidemiology. <i>Science of the Total Environment</i> , 2016, 563-564, 633-640.	8.0	58
84	Identification of in vitro and in vivo human metabolites of the new psychoactive substance nitracaine by liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5221-5229.	3.7	4
85	Investigation of agreement between wastewater-based epidemiology and survey data on alcohol and nicotine use in a community. <i>Drug and Alcohol Dependence</i> , 2016, 162, 170-175.	3.2	60
86	Qualitative screening of new psychoactive substances in pooled urine samples from Belgium and United Kingdom. <i>Science of the Total Environment</i> , 2016, 573, 1527-1535.	8.0	36
87	Profiles and changes in stimulant use in Belgium in the period of 2011–2015. <i>Science of the Total Environment</i> , 2016, 565, 1011-1019.	8.0	18
88	Critical review on the stability of illicit drugs in sewers and wastewater samples. <i>Water Research</i> , 2016, 88, 933-947.	11.3	244
89	Spatial and temporal trends in alcohol consumption in Belgian cities: A wastewater-based approach. <i>Drug and Alcohol Dependence</i> , 2016, 160, 170-176.	3.2	65
90	Ethyl glucuronide in nails: method validation, influence of decontamination and pulverization, and particle size evaluation. <i>Forensic Toxicology</i> , 2016, 34, 158-165.	2.4	5

#	ARTICLE	IF	CITATIONS
91	Ethyl glucuronide in hair of non-excessive alcohol consumers: correlations and gender influence. <i>Forensic Toxicology</i> , 2016, 34, 186-190.	2.4	8
92	Hair ethyl glucuronide and serum carbohydrate deficient transferrin for the assessment of relapse in alcohol-dependent patients. <i>Clinical Biochemistry</i> , 2016, 49, 554-559.	1.9	13
93	Identification of in vitro metabolites of ethylphenidate by liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 474-484.	2.8	19
94	Do concentrations of pharmaceuticals in sewage reflect prescription figures?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 9110-9118.	5.3	42
95	In vitro Phase I and Phase II metabolism of $\pm$ -pyrrolidinovalerophenone ( $\pm$ -PVP), methylenedioxypyrovalerone (MDPV) and methedrone by human liver microsomes and human liver cytosol. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 5803-5816.	3.7	67
96	Gas chromatographic determination of ethyl glucuronide in hair: Comparison between tandem mass spectrometry and single quadrupole mass spectrometry. <i>Forensic Science International</i> , 2015, 249, 20-24.	2.2	29
97	Sewage-based epidemiology in monitoring the use of new psychoactive substances: Validation and application of an analytical method using LC-MS/MS. <i>Drug Testing and Analysis</i> , 2015, 7, 812-818.	2.6	87
98	Liquid chromatography-quadrupole time-of-flight mass spectrometry for screening in vitro drug metabolites in humans: investigation on seven phenethylamine-based designer drugs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 114, 355-375.	2.8	35
99	<i>In vitro</i> and <i>in vivo</i> human metabolism of the synthetic cannabinoid AB-CHMINACA. <i>Drug Testing and Analysis</i> , 2015, 7, 866-876.	2.6	61
100	A data-independent acquisition workflow for qualitative screening of new psychoactive substances in biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8773-8785.	3.7	57
101	Potentiometric detection in UPLC as an easy alternative to determine cocaine in biological samples. <i>Biomedical Chromatography</i> , 2015, 29, 1124-1129.	1.7	8
102	Nail analysis for the detection of drugs of abuse and pharmaceuticals: a review. <i>Forensic Toxicology</i> , 2015, 33, 12-36.	2.4	55
103	Influence of repeated permanent coloring and bleaching on ethyl glucuronide concentrations in hair from alcohol-dependent patients. <i>Forensic Science International</i> , 2015, 247, 18-22.	2.2	31
104	Could wastewater analysis be a useful tool for China? – A review. <i>Journal of Environmental Sciences</i> , 2015, 27, 70-79.	6.1	14
105	Sewage-based Epidemiology Requires a Truly Transdisciplinary Approach. <i>Gaia</i> , 2014, 23, 266-268.	0.7	9
106	The influence of the body mass index (BMI) on the volume of distribution of ethanol. <i>Forensic Science International</i> , 2014, 243, 74-78.	2.2	27
107	Application of a sewage-based approach to assess the use of ten illicit drugs in four Chinese megacities. <i>Science of the Total Environment</i> , 2014, 487, 710-721.	8.0	95
108	Spatial differences and temporal changes in illicit drug use in Europe quantified by wastewater analysis. <i>Addiction</i> , 2014, 109, 1338-1352.	3.3	319



#	ARTICLE	IF	CITATIONS
109	Hair ethyl glucuronide levels as a marker for alcohol use and abuse: A review of the current state of the art. <i>Drug and Alcohol Dependence</i> , 2014, 134, 1-11.	3.2	120
110	Hair ethyl glucuronide as a biomarker of alcohol consumption in alcohol-dependent patients: Role of gender differences. <i>Drug and Alcohol Dependence</i> , 2014, 141, 163-166.	3.2	38
111	Comprehensive analytical strategies based on high-resolution time-of-flight mass spectrometry to identify new psychoactive substances. <i>TrAC - Trends in Analytical Chemistry</i> , 2014, 57, 107-117.	11.4	67
112	Optimization, validation, and the application of liquid chromatography-tandem mass spectrometry for the analysis of new drugs of abuse in wastewater. <i>Drug Testing and Analysis</i> , 2014, 6, 861-867.	2.6	64
113	Quadrupole-time-of-flight mass spectrometry screening for synthetic cannabinoids in herbal blends. <i>Journal of Mass Spectrometry</i> , 2013, 48, 685-694.	1.6	29
114	Risk assessment for drugs of abuse in the Dutch watercycle. <i>Water Research</i> , 2013, 47, 1848-1857.	11.3	70
115	Evaluation of Uncertainties Associated with the Determination of Community Drug Use through the Measurement of Sewage Drug Biomarkers. <i>Environmental Science &amp; Technology</i> , 2013, 47, 1452-1460.	10.0	320
116	The Removal of Illicit Drugs and Metabolites During Wastewater and Drinking Water Treatment. , 2012, , 55-64.		0
117	Comparing illicit drug use in 19 European cities through sewage analysis. <i>Science of the Total Environment</i> , 2012, 432, 432-439.	8.0	416
118	The stability of illicit drugs and metabolites in wastewater, an important issue for sewage epidemiology?. <i>Journal of Hazardous Materials</i> , 2012, 239-240, 19-23.	12.4	101
119	Dancing on Coke: Smuggling Cocaine Dispersed in Polyvinyl Alcohol. <i>Journal of Forensic Sciences</i> , 2012, 57, 234-238.	1.6	1
120	A one year investigation of the occurrence of illicit drugs in wastewater from Brussels, Belgium. <i>Journal of Environmental Monitoring</i> , 2011, 13, 1008.	2.1	52
121	Sewage epidemiology – A real-time approach to estimate the consumption of illicit drugs in Brussels, Belgium. <i>Environment International</i> , 2011, 37, 612-621.	10.0	210
122	Simultaneous determination of 15 top-prescribed pharmaceuticals and their metabolites in influent wastewater by reversed-phase liquid chromatography coupled to tandem mass spectrometry. <i>Talanta</i> , 2011, 83, 795-803.	5.5	49
123	Illicit drug consumption estimations derived from wastewater analysis: A critical review. <i>Science of the Total Environment</i> , 2011, 409, 3564-3577.	8.0	335
124	Analysis of the flame retardant metabolites bis(1,3-dichloro-2-propyl) phosphate (BDCPP) and diphenyl phosphate (DPP) in urine using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 2123-2132.	3.7	149
125	Application of hydrophilic interaction chromatography for the analysis of polar contaminants in food and environmental samples. <i>Journal of Chromatography A</i> , 2011, 1218, 5964-5974.	3.7	102
126	Application of HILIC for Polar Environmental Contaminants (Including Pharmaceuticals) in Aquatic Systems. <i>Chromatographic Science</i> , 2011, , 133-156.	0.1	0



#	ARTICLE	IF	CITATIONS
127	Optimization and validation of a hydrophilic interaction liquid chromatography–tandem mass spectrometry method for the determination of 13 top-prescribed pharmaceuticals in influent wastewater. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2211-2222.	3.7	90
128	Ethyl glucuronide determination in meconium and hair by hydrophilic interaction liquid chromatography–tandem mass spectrometry. <i>Forensic Science International</i> , 2010, 196, 121-127.	2.2	49
129	Analysis of drugs of abuse in wastewater by hydrophilic interaction liquid chromatography–tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 819-828.	3.7	105
130	Can cocaine use be evaluated through analysis of wastewater? A nationwide approach conducted in Belgium. <i>Addiction</i> , 2009, 104, 734-741.	3.3	117
131	Cocaine and metabolites in waste and surface water across Belgium. <i>Environmental Pollution</i> , 2009, 157, 123-129.	7.5	127
132	Spatial and temporal variations in the occurrence of cocaine and benzoylecgonine in waste- and surface water from Belgium and removal during wastewater treatment. <i>Water Research</i> , 2009, 43, 1341-1349.	11.3	128
133	Analysis of cocaine and its principal metabolites in waste and surface water using solid-phase extraction and liquid chromatography–ion trap tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 1309-1319.	3.7	188