

Michael Polet

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

347
citations

687220

13
h-index

839398

18
g-index

22
all docs

22
docs citations

22
times ranked

280
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of an open screening method for doping substances in urine by gas chromatography quadrupole time-of-flight mass spectrometry. <i>Analytica Chimica Acta</i> , 2018, 1042, 52-59.	2.6	37
2	Identification and characterization of novel long-term metabolites of oxymesterone and mesterolone in human urine by application of selected reaction monitoring GC-MS/MS. <i>Drug Testing and Analysis</i> , 2017, 9, 1673-1684.	1.6	27
3	Development of a GC/C/IRMS method – Confirmation of a novel steroid profiling approach in doping control. <i>Steroids</i> , 2012, 77, 1050-1060.	0.8	25
4	Improved sensitivity by use of gas chromatography-positive chemical ionization triple quadrupole mass spectrometry for the analysis of drug related substances. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1001, 221-240.	1.2	24
5	Identification and confirmation of diuretics and masking agents in urine by turbulent flow online solid-phase extraction coupled with liquid chromatography-triple quadrupole mass spectrometry for doping control. <i>Journal of Chromatography A</i> , 2018, 1579, 31-40.	1.8	22
6	Validation of an ultra-sensitive detection method for steroid esters in plasma for doping analysis using positive chemical ionization GC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2020, 1141, 122026.	1.2	22
7	Gas chromatography-mass spectrometry analysis of non-hydrolyzed sulfated steroids by degradation product formation. <i>Drug Testing and Analysis</i> , 2019, 11, 1656-1665.	1.6	21
8	Development of a sensitive GC-C/IRMS method for the analysis of androgens. <i>Biomedical Chromatography</i> , 2013, 27, 259-266.	0.8	17
9	Gas chromatography/chemical ionization triple quadrupole mass spectrometry analysis of anabolic steroids: ionization and collision-induced dissociation behavior. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 511-522.	0.7	17
10	Profiling of urinary formestane and confirmation by isotope ratio mass spectrometry. <i>Steroids</i> , 2013, 78, 1103-1109.	0.8	16
11	Metabolism of methylstenbolone studied with human liver microsomes and the uPA ^{+/+} SCID chimeric mouse model. <i>Biomedical Chromatography</i> , 2014, 28, 974-985.	0.8	15
12	Efficient approach for the detection and identification of new androgenic metabolites by applying SRM GC-MS/MS: a methandienone case study. <i>Journal of Mass Spectrometry</i> , 2016, 51, 524-534.	0.7	15
13	Searching for new long-term urinary metabolites of metenolone and drostanolone using gas chromatography-mass spectrometry with a focus on non-hydrolysed sulfates. <i>Drug Testing and Analysis</i> , 2020, 12, 1041-1053.	1.6	15
14	Potential of saliva steroid profiling for the detection of endogenous steroid abuse: Reference thresholds for oral fluid steroid concentrations and ratios. <i>Analytica Chimica Acta</i> , 2018, 999, 1-12.	2.6	13
15	Studies on the minor metabolite 6 α -hydroxyandrostenedione for doping control purposes and its contribution to the steroid profile. <i>Drug Testing and Analysis</i> , 2014, 6, 978-984.	1.6	12
16	GC-C-IRMS in routine doping control practice: 3 years of drug testing data, quality control and evolution of the method. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4397-4409.	1.9	12
17	Enabling the inclusion of non-hydrolysed sulfated long term anabolic steroid metabolites in a screening for doping substances by means of gas chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1642, 462039.	1.8	9
18	Peptide enrichment by ion-pair solid-phase extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1121, 89-95.	1.2	8

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19	A uniform sample preparation procedure for gas chromatography combustion isotope ratio mass spectrometry for all human doping control relevant anabolic steroids using online 2/3-dimensional liquid chromatography fraction collection. <i>Analytica Chimica Acta</i> , 2021, 1168, 338610.	2.6	8
20	Development and validation of a fast gas chromatography combustion isotope ratio mass spectrometry method for the detection of epiandrosterone sulfate in urine. <i>Drug Testing and Analysis</i> , 2020, 12, 1006-1018.	1.6	6
21	Investigation of the urinary excretion of prednisolone and metabolites after nasal administration: Relevance to doping control. <i>Drug Testing and Analysis</i> , 2021, , .	1.6	3
22	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.	2.6	3