Gary N W Leung

List of Publications by Year
in descending order

31 papers	444 citations	758635 12 h-index	752256 20 g-index
31 all docs	31 docs citations	31 times ranked	376 citing authors

#	Article	IF	Citations
1	Separation of basic drugs with non-aqueous capillary electrophoresis. Journal of Chromatography A, 1996, 738, 141-154.	1.8	57
2	High throughput screening of sub-ppb levels of basic drugs in equine plasma by liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2007, 1156, 271-279.	1.8	34
3	High-throughput screening of corticosteroids and basic drugs in horse urine by liquid chromatography-tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 825, 47-56.	1.2	33
4	Analyses of quaternary ammonium drugs in horse urine by capillary electrophoresis - mass spectrometry. Electrophoresis, 2001, 22, 2201-2209.	1.3	32
5	Doping control analysis of seven bioactive peptides in horse plasma by liquid chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2013, 405, 2595-2606.	1.9	31
6	Screening of drugs in equine plasma using automated on-line solid-phase extraction coupled with liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2010, 1217, 3289-3296.	1.8	28
7	Metabolic studies of mesterolone in horses. Analytica Chimica Acta, 2007, 596, 149-155.	2.6	26
8	Screening of over 100 drugs in horse urine using automated on-line solid-phase extraction coupled to liquid chromatography-high resolution mass spectrometry for doping control. Journal of Chromatography A, 2017, 1490, 89-101.	1.8	20
9	Unusual observations during steroid analysis. Rapid Communications in Mass Spectrometry, 2008, 22, 682-686.	0.7	19
10	A bottom-up approach in estimating the measurement uncertainty and other important considerations for quantitative analyses in drug testing for horses. Journal of Chromatography A, 2007, 1163, 237-246.	1.8	17
11	Metabolic study of androsta-1,4,6-triene-3,17-dione in horses using liquid chromatography/high resolution mass spectrometry. Journal of Steroid Biochemistry and Molecular Biology, 2015, 152, 142-154.	1.2	16
12	In vitro and in vivo studies of androstâ€4â€eneâ€3,6,17â€trione in horses by gas chromatographyâ€“mass spectrometry. Biomedical Chromatography, 2010, 24, 744-751.	0.8	15
13	Metabolic studies of formestane in horses. Drug Testing and Analysis, 2013, 5, 412-419.	1.6	12
14	Doping control analysis of anabolic steroids in equine urine by gas chromatographyâ€tandem mass spectrometry. Drug Testing and Analysis, 2017, 9, 1320-1327.	1.6	10
15	Detection of bioactive peptides including gonadotrophinâ€releasing factors (GnRHs) in horse urine using ultraâ€high performance liquid chromatographyâ€“high resolution mass spectrometry (UHPLC/HRMS). Drug Testing and Analysis, 2020, 12, 1274-1286.	1.6	10
16	Metabolic studies of 1â€testosterone in horses. Drug Testing and Analysis, 2013, 5, 81-88.	1.6	8
17	Doping control analysis of GW1516 in equine plasma using liquid chromatography/electrospray ionization Qâ€Exactive highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2020, 34, e8920.	0.7	8
18	Comprehensive metabolic study of nicotine in equine plasma and urine using liquid chromatography/high-resolution mass spectrometry for the identification of unique biomarkers for doping control. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1190, 123100.	1.2	8

#	Article	IF	Citations
19	Detection and longitudinal distribution of GW1516 and its metabolites in equine hair for doping control using liquid chromatography/highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2021, 35, e9050.	0.7	7
20	Metabolic study of GW1516 in equine urine using liquid chromatography/electrospray ionization Qâ€Exactive highâ€resolution mass spectrometry for doping control. Rapid Communications in Mass Spectrometry, 2021, 35, e9028.	0.7	7
21	Longâ€term monitoring of IOX4 in horse hair and its longitudinal distribution with segmental analysis using liquid chromatography/electrospray ionization Q Exactive highâ€resolution mass spectrometry for the purpose of doping control. Drug Testing and Analysis, 2022, 14, 1244-1254.	1.6	7
22	Doping control analysis of lithium in horse urine and plasma by inductively coupled plasma mass spectrometry. Drug Testing and Analysis, 2017, 9, 1407-1411.	1.6	6
23	Comprehensive metabolic study of IOX4 in equine urine and plasma using liquid chromatography/electrospray ionization Q Exactive highâ€resolution mass spectrometer for the purpose of doping control. Drug Testing and Analysis, 2022, 14, 233-251.	1.6	6
24	Identification of potential biomarkers in urine and plasma after consumption of tobacco product in horses. Drug Testing and Analysis, 2022, 14, 902-914.	1.6	5
25	Identification of recombinant human relaxinâ€2 in equine plasma by liquid chromatographyâ€high resolution mass spectrometry. Drug Testing and Analysis, 2013, 5, 627-633.	1.6	4
26	In vitro metabolism studies of desoxyâ€methyltestosterone (DMT) and its five analogues, and in vivo metabolism of desoxyâ€vinyltestosterone (DVT) in horses. Journal of Mass Spectrometry, 2015, 50, 994-1005.	0.7	4
27	A highâ€throughput and broadâ€spectrum screening method for analysing over 120 drugs in horse urine using liquid chromatographyâ€“highâ€resolution mass spectrometry. Drug Testing and Analysis, 2020, 12, 900-917.	1.6	4
28	Establishment of a postâ€race biomarkers database and application of pathway analysis to identify potential biomarkers in postâ€race equine plasma. Drug Testing and Analysis, 2022, 14, 915-928.	1.6	4
29	Identification of porcine relaxin in plasma by liquid chromatographyâ€high resolution mass spectrometry. Drug Testing and Analysis, 2017, 9, 1412-1420.	1.6	3
30	Administration study of recombinant human relaxinâ€2 in horse for doping control purpose. Drug Testing and Analysis, 2020, 12, 361-370.	1.6	2
31	Interconversion of ephedrine and pseudoephedrine during chemical derivatization. Drug Testing and Analysis, 2012, 4, 1028-1033.	1.6	1