Fuyu Guan

List of Publications by Year in descending order

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25 papers	588 citations	840585 11 h-index	610775 24 g-index
26 all docs	26 docs citations	26 times ranked	522 citing authors

#	Article	IF	Citations
1	Detection, quantification and confirmation of anabolic steroids in equine plasma by liquid chromatography and tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2005, 829, 56-68.	1.2	86
2	LCâ^'MS/MS Method for Confirmation of Recombinant Human Erythropoietin and Darbepoetin Î± in Equine Plasma. Analytical Chemistry, 2007, 79, 4627-4635.	3.2	82
3	Collision-induced dissociation pathways of anabolic steroids by electrospray ionization tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 2006, 17, 477-489.	1.2	75
4	Differentiation and Identification of Recombinant Human Erythropoietin and Darbepoetin Alfa in Equine Plasma by LCâ^'MS/MS for Doping Control. Analytical Chemistry, 2008, 80, 3811-3817.	3.2	59
5	Sensitive liquid chromatographic/tandem mass spectrometric method for the determination of beclomethasone dipropionate and its metabolites in equine plasma and urine. Journal of Mass Spectrometry, 2003, 38, 823-838.	0.7	47
6	Highâ€‰throughput UHPLCâ€“MS/MS method for the detection, quantification and identification of fiftyâ€‰five anabolic and androgenic steroids in equine plasma. Journal of Mass Spectrometry, 2010, 45, 1270-1279.	0.7	36
7	Quantification of clenbuterol in equine plasma, urine and tissue by liquid chromatography coupled on-line with quadrupole time-of-flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2002, 16, 1642-1651.	0.7	34
8	Confirmatory Analysis of Continuous Erythropoietin Receptor Activator and Erythropoietin Analogues in Equine Plasma by LCâ^'MS for Doping Control. Analytical Chemistry, 2010, 82, 9074-9081.	3.2	29
9	Detection, quantification, and identification of dermorphin in equine plasma and urine by LCâ€“MS/MS for doping control. Analytical and Bioanalytical Chemistry, 2013, 405, 4707-4717.	1.9	18
10	Comprehensive solid-phase extraction of multitudinous bioactive peptides from equine plasma and urine for doping detection. Analytica Chimica Acta, 2017, 985, 79-90.	2.6	17
11	Confirmation and Quantification of Hemoglobin-Based Oxygen Carriers in Equine and Human Plasma by Hyphenated Liquid Chromatography Tandem Mass Spectrometry. Analytical Chemistry, 2004, 76, 5127-5135.	3.2	16
12	Correlation of product ion profiles with molecular structures of androgenic and anabolic steroids in ESI MS/MS. Journal of Mass Spectrometry, 2010, 45, 1261-1269.	0.7	11
13	Validated LCâ€“MS-MS Method for Simultaneous Analysis of 17 Barbiturates in Horse Plasma for Doping Control. Journal of Analytical Toxicology, 2017, 41, 431-440.	1.7	9
14	A comprehensive approach to detecting multitudinous bioactive peptides in equine plasma and urine using hydrophilic interaction liquid chromatography coupled to high resolution mass spectrometry. Drug Testing and Analysis, 2019, 11, 1308-1325.	1.6	9
15	Identification of exvivo catabolites of peptides with doping potential in equine plasma by HILICâ€HRMS. Drug Testing and Analysis, 2020, 12, 771-784.	1.6	9
16	Sequence Elucidation of an Unknown Cyclic Peptide of High Doping Potential by ETD and CID Tandem Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2011, 22, 718-730.	1.2	8
17	Detection and confirmation of Î±-cobratoxin in equine plasma by solid-phase extraction and liquid chromatography coupled to mass spectrometry. Journal of Chromatography A, 2018, 1533, 38-48.	1.8	8
18	Unique Tryptic Peptides Specific for Bovine and Human Hemoglobin in the Detection and Confirmation of Hemoglobin-Based Oxygen Carriers. Analytical Chemistry, 2004, 76, 5118-5126.	3.2	6

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19	Simultaneous Determination of Testosterone and Testosterone Enanthate in Equine Plasma by UHPLC-MS-MS. Chromatographia, 2010, 72, 1097-1106.	0.7	6
20	Novel Algorithms for Comprehensive Untargeted Detection of Doping Agents in Biological Samples. Analytical Chemistry, 2021, 93, 7746-7753.	3.2	6
21	Ex vivo spontaneous generation of 19-norandrostenedione and nandrolone detected in equine plasma and urine. Journal of Steroid Biochemistry and Molecular Biology, 2012, 128, 1-11.	1.2	5
22	Use of high resolution/accurate mass full scan/data-dependent acquisition for targeted/non-targeted screening in equine doping control. Analytical Methods, 2021, 13, 1565-1575.	1.3	5
23	Confirmatory analysis of etanercept in equine plasma by LCâ€MS for doping control. Drug Testing and Analysis, 2017, 9, 1421-1431.	1.6	4
24	Highâ€throughput doping control analysis of 28 amphetamineâ€type stimulants in equine plasma using hydrophilic interaction liquid chromatographyâ€“tandem mass spectrometry. Drug Testing and Analysis, 2019, 11, 441-454.	1.6	1
25	Identification of sample donor by 24-plex short tandem repeat in a post-race equine plasma containing dexamethasone. SpringerPlus, 2014, 3, 94.	1.2	0