

Fuyu Guan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

588
citations

840776

11
h-index

610901

24
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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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 829, 56-68.	2.3	86
2	LC-MS/MS Method for Confirmation of Recombinant Human Erythropoietin and Darbepoetin $\hat{\pm}$ in Equine Plasma. <i>Analytical Chemistry</i> , 2007, 79, 4627-4635.	6.5	82
3	Collision-induced dissociation pathways of anabolic steroids by electrospray ionization tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 477-489.	2.8	75
4	Differentiation and Identification of Recombinant Human Erythropoietin and Darbepoetin Alfa in Equine Plasma by LC-MS/MS for Doping Control. <i>Analytical Chemistry</i> , 2008, 80, 3811-3817.	6.5	59
5	Sensitive liquid chromatographic/tandem mass spectrometric method for the determination of beclomethasone dipropionate and its metabolites in equine plasma and urine. <i>Journal of Mass Spectrometry</i> , 2003, 38, 823-838.	1.6	47
6	High-throughput UHPLC-MS/MS method for the detection, quantification and identification of fifty-five anabolic and androgenic steroids in equine plasma. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1270-1279.	1.6	36
7	Quantification of clenbuterol in equine plasma, urine and tissue by liquid chromatography coupled on-line with quadrupole time-of-flight mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1642-1651.	1.5	34
8	Confirmatory Analysis of Continuous Erythropoietin Receptor Activator and Erythropoietin Analogues in Equine Plasma by LC-MS for Doping Control. <i>Analytical Chemistry</i> , 2010, 82, 9074-9081.	6.5	29
9	Detection, quantification, and identification of dermorphin in equine plasma and urine by LC-MS/MS for doping control. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4707-4717.	3.7	18
10	Comprehensive solid-phase extraction of multitudinous bioactive peptides from equine plasma and urine for doping detection. <i>Analytica Chimica Acta</i> , 2017, 985, 79-90.	5.4	17
11	Confirmation and Quantification of Hemoglobin-Based Oxygen Carriers in Equine and Human Plasma by Hyphenated Liquid Chromatography Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2004, 76, 5127-5135.	6.5	16
12	Correlation of product ion profiles with molecular structures of androgenic and anabolic steroids in ESI MS/MS. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1261-1269.	1.6	11
13	Validated LC-MS-MS Method for Simultaneous Analysis of 17 Barbiturates in Horse Plasma for Doping Control. <i>Journal of Analytical Toxicology</i> , 2017, 41, 431-440.	2.8	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. <i>Drug Testing and Analysis</i> , 2019, 11, 1308-1325.	2.6	9
15	Identification of <i>ex vivo</i> catabolites of peptides with doping potential in equine plasma by HILIC-HRMS. <i>Drug Testing and Analysis</i> , 2020, 12, 771-784.	2.6	9
16	Sequence Elucidation of an Unknown Cyclic Peptide of High Doping Potential by ETD and CID Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 718-730.	2.8	8
17	Detection and confirmation of $\hat{\pm}$ -cobratoxin in equine plasma by solid-phase extraction and liquid chromatography coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2018, 1533, 38-48.	3.7	8
18	Unique Tryptic Peptides Specific for Bovine and Human Hemoglobin in the Detection and Confirmation of Hemoglobin-Based Oxygen Carriers. <i>Analytical Chemistry</i> , 2004, 76, 5118-5126.	6.5	6

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19	Simultaneous Determination of Testosterone and Testosterone Enanthate in Equine Plasma by UHPLC-MS-MS. <i>Chromatographia</i> , 2010, 72, 1097-1106.	1.3	6
20	Novel Algorithms for Comprehensive Untargeted Detection of Doping Agents in Biological Samples. <i>Analytical Chemistry</i> , 2021, 93, 7746-7753.	6.5	6
21	Ex vivo spontaneous generation of 19-norandrostenedione and nandrolone detected in equine plasma and urine. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 128, 1-11.	2.5	5
22	Use of high resolution/accurate mass full scan/data-dependent acquisition for targeted/non-targeted screening in equine doping control. <i>Analytical Methods</i> , 2021, 13, 1565-1575.	2.7	5
23	Confirmatory analysis of etanercept in equine plasma by LC-MS for doping control. <i>Drug Testing and Analysis</i> , 2017, 9, 1421-1431.	2.6	4
24	High-throughput doping control analysis of 28 amphetamine-type stimulants in equine plasma using hydrophilic interaction liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2019, 11, 441-454.	2.6	1
25	Identification of sample donor by 24-plex short tandem repeat in a post-race equine plasma containing dexamethasone. <i>SpringerPlus</i> , 2014, 3, 94.	1.2	0