

Marie-Agnès Popot

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

401
citations

758635

12
h-index

794141

19
g-index

28
all docs

28
docs citations

28
times ranked

398
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of benchtop exactive high resolution and high mass accuracy orbitrap mass spectrometer for screening in horse doping control. <i>Analytica Chimica Acta</i> , 2011, 700, 126-136.	2.6	53
2	Generation and processing of urinary and plasmatic metabolomic fingerprints to reveal an illegal administration of recombinant equine growth hormone from LC-HRMS measurements. <i>Metabolomics</i> , 2011, 7, 84-93.	1.4	39
3	Detection of Recombinant Epoetin and Darbeпоetin Alpha after Subcutaneous Administration in the Horse. <i>Journal of Analytical Toxicology</i> , 2005, 29, 835-837.	1.7	33
4	Detection of secondary biomarker of met-eGH as a strategy to screen for somatotropin misuse in horseracing. <i>Analyst, The</i> , 2008, 133, 270-276.	1.7	30
5	Monitoring the endogenous steroid profile disruption in urine and blood upon nandrolone administration: An efficient and innovative strategy to screen for nandrolone abuse in entire male horses. <i>Drug Testing and Analysis</i> , 2014, 6, 376-388.	1.6	27
6	A new analytical method based on anti-EPO monolith column and LC-FAIMS-MS/MS for the detection of rHuEPOs in horse plasma and urine samples. <i>Analyst, The</i> , 2012, 137, 2445.	1.7	21
7	Blood cells RNA biomarkers as a first long-term detection strategy for EPO abuse in horseracing. <i>Drug Testing and Analysis</i> , 2010, 2, 339-345.	1.6	19
8	Identification of <i>Cobratoxin</i> in Equine Plasma by LC-MS/MS for Doping Control. <i>Analytical Chemistry</i> , 2013, 85, 5219-5225.	3.2	16
9	HPLC/ESI-MSn method for non-amino bisphosphonates: Application to the detection of tiludronate in equine plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 958, 108-116.	1.2	15
10	Detection of recombinant human EPO administered to horses using MAIA lateral flow isoform test. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 1619-1628.	1.9	14
11	Spurious urine excretion drug profile in the horse due to bedding contamination and drug recycling: the case of meclofenamic acid. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 179-184.	0.6	13
12	Liquid chromatography – high resolution mass spectrometry-based metabolomic approach for the detection of Continuous Erythropoiesis Receptor Activator effects in horse doping control. <i>Journal of Chromatography A</i> , 2017, 1521, 90-99.	1.8	13
13	Two complementary methods to control gonadotropin-releasing hormone vaccination (Improvac®) misuse in horseracing: Enzyme-linked immunosorbent assay test in plasma and steroidomics in urine. <i>Drug Testing and Analysis</i> , 2017, 9, 1432-1440.	1.6	12
14	Interlaboratory trial for the measurement of total cobalt in equine urine and plasma by ICP-MS. <i>Drug Testing and Analysis</i> , 2017, 9, 1400-1406.	1.6	12
15	MetIDfyR: An Open-Source R Package to Decipher Small-Molecule Drug Metabolism through High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 13155-13162.	3.2	11
16	Doping control in horses: housing conditions and oral recycling of flunixin by ingestion of contaminated straw. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2011, 34, 612-614.	0.6	9
17	Pharmacokinetics of tiludronate in horses: A field population study. <i>Equine Veterinary Journal</i> , 2018, 50, 488-492.	0.9	8
18	Screening and confirmatory analysis of recombinant human erythropoietin for racing camels' doping control. <i>Drug Testing and Analysis</i> , 2020, 12, 763-770.	1.6	8

#	ARTICLE	IF	CITATIONS
19	From a non-targeted metabolomics approach to a targeted biomarkers strategy to highlight testosterone abuse in equine. Illustration of a methodological transfer between platforms and laboratories. <i>Drug Testing and Analysis</i> , 2022, 14, 864-878.	1.6	8
20	RNA sample preparation applied to gene expression profiling for the horse biological passport. <i>Drug Testing and Analysis</i> , 2017, 9, 1448-1455.	1.6	7
21	Tracking main environmental factors masking a minor steroidal doping effect using metabolomic analysis of horse urine by liquid chromatography-high-resolution mass spectrometry. <i>European Journal of Mass Spectrometry</i> , 2019, 25, 339-353.	0.5	7
22	miRNAs detection in equine plasma by quantitative polymerase chain reaction for doping control: Assessment of blood sampling and study of eca-miR-144 as potential erythropoiesis stimulating agent biomarker. <i>Drug Testing and Analysis</i> , 2021, , .	1.6	7
23	Use of split-free nano-liquid chromatography-mass spectrometry/high resolution mass spectrometry interface to improve the detection of <i>icobratoxin</i> in equine plasma for doping control. <i>Drug Testing and Analysis</i> , 2018, 10, 880-885.	1.6	5
24	An innovative derivatization-free IC-MS/MS method for the detection of bisphosphonates in horse plasma. <i>Drug Testing and Analysis</i> , 2020, 12, 1452-1461.	1.6	5
25	Development of a Standardized Microflow LC Gradient to Enable Sensitive and Long-Term Detection of Synthetic Anabolic-Androgenic Steroids for High-Throughput Doping Controls. <i>Analytical Chemistry</i> , 2021, 93, 15590-15596.	3.2	5
26	Comprehensive characterization of the peroxisome proliferator activated receptor agonist GW501516 for horse doping control analysis. <i>Drug Testing and Analysis</i> , 2021, 13, 1191-1202.	1.6	2
27	Long-term detection of clodronate in equine plasma by liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2021, 13, 1527-1534.	1.6	2
28	LC-HRMS/MS study of the prodrug ciclesonide and its active metabolite desisobutyryl-ciclesonide in plasma after an inhalative administration to horses for doping control purposes. <i>Drug Testing and Analysis</i> , 2021, , .	1.6	0