

# Henrique M G Pereira

## List of Publications by Year in descending order

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44  
papers

518  
citations

759055

12  
h-index

713332

21  
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44  
docs citations

44  
times ranked

662  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zebrafish ( <i>Danio rerio</i> ): A valuable tool for predicting the metabolism of xenobiotics in humans?. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 212, 34-46.	1.3	83
2	Phenolic compounds from <i>Viscum album</i> tinctures enhanced antitumor activity in melanoma murine cancer cells. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 311-322.	1.2	52
3	Is zebrafish ( <i>Danio rerio</i> ) a tool for human-like metabolism study?. <i>Drug Testing and Analysis</i> , 2017, 9, 1685-1694.	1.6	31
4	Doping control analysis at the Rio 2016 Olympic and Paralympic Games. <i>Drug Testing and Analysis</i> , 2017, 9, 1658-1672.	1.6	26
5	Zebrafish ( <i>Danio rerio</i> ) water tank model for the investigation of drug metabolism: Progress, outlook, and challenges. <i>Drug Testing and Analysis</i> , 2018, 10, 1657-1669.	1.6	24
6	Optimization of an online heart-cutting multidimensional gas chromatography clean-up step for isotopic ratio mass spectrometry and simultaneous quadrupole mass spectrometry measurements of endogenous anabolic steroid in urine. <i>Drug Testing and Analysis</i> , 2016, 8, 1204-1211.	1.6	22
7	Microencapsulated Brazil nut ( <i>Bertholletia excelsa</i> ) cake extract powder as an added-value functional food ingredient. <i>LWT - Food Science and Technology</i> , 2019, 116, 108495.	2.5	22
8	Analysis of synthetic 19-norsteroids trenbolone, tetrahydrogestrinone and gestrinone by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2007, 1150, 215-225.	1.8	20
9	Multidimensional Separations of Intact Phase II Steroid Metabolites Utilizing LC-ION Mobility-HRMS. <i>Analytical Chemistry</i> , 2021, 93, 10990-10998.	3.2	18
10	In vitro and in vivo antiplasmodial activity of novel quinoline derivative compounds by molecular hybridization. <i>European Journal of Medicinal Chemistry</i> , 2021, 215, 113271.	2.6	17
11	Stimulant Doping Agents Used in Brazil: Prevalence, Detectability, Analytical Implications, and Challenges. <i>Substance Use and Misuse</i> , 2014, 49, 1098-1114.	0.7	15
12	Thermodynamic-based retention time predictions of endogenous steroids in comprehensive two-dimensional gas chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 4091-4099.	1.9	15
13	Pharmacokinetic study of xylazine in a zebrafish water tank, a human-like surrogate, by liquid chromatography Q-Orbitrap mass spectrometry. <i>Forensic Toxicology</i> , 2020, 38, 108-121.	1.4	13
14	Identification of sympathomimetic alkylamine agents in urine using liquid chromatography-mass spectrometry and comparison of derivatization methods for confirmation analyses by gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1298, 76-85.	1.8	12
15	Gene doping and genomic science in sports: where are we?. <i>Bioanalysis</i> , 2020, 12, 801-811.	0.6	12
16	Controle de dopagem de anabolizantes: o perfil esteroidal e suas regulações. <i>Revista Brasileira De Medicina Do Esporte</i> , 2003, 9, 15-24.	0.1	11
17	Improvements in steroid screening in doping control with special emphasis to GC-MS analytical conditions and method validation. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 382-392.	0.6	11
18	Incidental Clostebol Contamination in Athletes after Sexual Intercourse. <i>Clinical Chemistry</i> , 2004, 50, 456-457.	1.5	10

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19	Analysis of exemestane and 17 $\beta$ -hydroxyexemestane in human urine by gas chromatography/mass spectrometry: development and validation of a method using MO-TMS derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3297-3302.	0.7	10
20	A pilot study of non-targeted screening for stimulant misuse using high-resolution mass spectrometry. <i>Forensic Toxicology</i> , 2019, 37, 465-473.	1.4	9
21	Development of a sensitive and fast method for detection of catecholamines and metabolites by HRMS. <i>Microchemical Journal</i> , 2019, 150, 104173.	2.3	8
22	Comprehensive Zebrafish Water Tank Experiment for Metabolic Studies of Testolactone. <i>Zebrafish</i> , 2020, 17, 104-111.	0.5	7
23	Tetrahydrogestrinone analysis and designer steroids revisited. <i>Bioanalysis</i> , 2009, 1, 1475-1489.	0.6	6
24	Implementation and Performance of the Gas Chromatography/Combustion/Isotope Ratio Mass Spectrometry-Based Method for the Confirmatory Analysis of Endogenous Anabolic Steroids during the Rio de Janeiro Olympic and Paralympic Games 2016. <i>Analytical Chemistry</i> , 2019, 91, 11747-11756.	3.2	6
25	Metabolism of synthetic cathinones through the zebrafish water tank model: a promising tool for forensic toxicology laboratories. <i>Forensic Toxicology</i> , 2021, 39, 73-88.	1.4	6
26	UHPLC-HRMS/MS on untargeted metabolomics: a case study with <i>Copaifera</i> (Fabaceae). <i>RSC Advances</i> , 2021, 11, 25096-25103.	1.7	6
27	DNA Typing: An Accessory Evidence in Doping Control. <i>Journal of Forensic Sciences</i> , 2005, 50, 1-6.	0.9	6
28	Quantitative approach to glucocorticosteroids analysis in human urine using LC-MS/MS. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2065-2074.	0.6	5
29	Development of a liquid chromatography Q Exactive high resolution mass spectrometry method by the Box-Behnken design for the investigation of sibutramine urinary metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1125, 121726.	1.2	5
30	Phytochemistry by design: a case study of the chemical composition of <i>Ocotea guianensis</i> optimized extracts focused on untargeted metabolomics analysis. <i>RSC Advances</i> , 2020, 10, 3459-3471.	1.7	5
31	Análise de glicocorticosteróides por CG-EM: uma nova abordagem de derivatiza�o para o controle de dopagem no esporte. <i>Quimica Nova</i> , 2002, 25, 1096-1102.	0.3	3
32	Detection of ESAs in equine urine and blood by SAR�PAGE. <i>Drug Testing and Analysis</i> , 2019, 11, 772-781.	1.6	3
33	Variable Data Independent Acquisition and Data Mining Exploring Feature-Based Molecular Networking Analysis for Untargeted Screening of Synthetic Cannabinoids in Oral Fluid. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2417-2424.	1.2	3
34	Synthesis and Antitrypanosomal Profile of Novel Hydrazonoyl Derivatives. <i>Medicinal Chemistry</i> , 2020, 16, 487-494.	0.7	3
35	Chemophenetic study of <i>Ocotea canaliculata</i> (Lauraceae) by UHPLC�HRMS and GNPS. <i>Natural Product Research</i> , 2020, , 1-5.	1.0	2
36	A high throughput approach for determination of dermorphin in human urine using liquid chromatography�mass spectrometry for doping control purposes. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4593.	0.7	2

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37	Chemosystematic evaluation of Amazonian freshwater sponges. <i>Natural Product Research</i> , 2021, 35, 4192-4196.	1.0	2
38	Chiral Analysis of Amphetamine and Methamphetamine in Urine by Liquid Chromatography-Tandem Mass Spectrometry Applying Mosher Derivatization. <i>Chromatographia</i> , 2021, 84, 47-52.	0.7	2
39	Metabolic study of cafestol using in silico approach, zebrafish water tank experiments and liquid chromatography high-resolution mass spectrometry analyses. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1186, 123028.	1.2	2
40	Is zebrafish ( <i>Danio rerio</i> ) water tank model applicable for the assessment of glucocorticoids metabolism? The budesonide assessment. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122826.	1.2	1
41	Study of endogenous profile of hCG in male Brazilian athletes. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 528-531.	0.6	1
42	A simple quinoline salt derivative is active in vitro against <i>Plasmodium falciparum</i> asexual blood stages and inhibits the development of cerebral malaria in murine model. <i>Chemico-Biological Interactions</i> , 2022, 355, 109848.	1.7	1
43	Urinary Excretion Profile of Luteinizing Hormone in Brazilian Athletes. <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	0
44	Doping Control Laboratory performance during Rio 2016 Olympic Games: An inside professional overview. <i>Journal of Human Sport and Exercise</i> , 2018, 13, .	0.2	0