

# Marc Cherlet

## List of Publications by Year in descending order

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32  
papers

1,048  
citations

394421

19  
h-index

477307

29  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative multi-residue analysis of tetracyclines and their 4-epimers in pig tissues by high-performance liquid chromatography combined with positive-ion electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2003, 492, 199-213.	5.4	129
2	Increased productivity of recombinant tissular plasminogen activator (t-PA) by butyrate and shift of temperature: a cell cycle phases analysis. <i>Cytotechnology</i> , 2001, 36, 71-83.	1.6	106
3	Quantitative Analysis of Amoxicillin and Its Major Metabolites in Animal Tissues by Liquid Chromatography Combined with Electrospray Ionization Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2002, 74, 1393-1401.	6.5	78
4	Rapid method for the quantification of amoxicillin and its major metabolites in pig tissues by liquid chromatography-tandem mass spectrometry with emphasis on stability issues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 861, 108-116.	2.3	66
5	Measurement of intracellular pH in cultured cells by flow cytometry with BCECF-AM. <i>Journal of Biotechnology</i> , 1996, 46, 187-195.	3.8	50
6	Determination of gentamicin in swine and calf tissues by high-performance liquid chromatography combined with electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2000, 35, 1342-1350.	1.6	48
7	Quantitative analysis of oxytetracycline and its 4-epimer in calf tissues by high-performance liquid chromatography combined with positive electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2003, 128, 871.	3.5	45
8	Quantitative determination of dexamethasone in bovine milk by liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 805, 57-65.	2.3	45
9	Quantitation of tylosin in swine tissues by liquid chromatography combined with electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2002, 473, 167-175.	5.4	38
10	Evaluation and establishing the performance of different screening tests for tetracycline residues in animal tissues. <i>Food Additives and Contaminants</i> , 2004, 21, 145-153.	2.0	36
11	Quantitative determination of dihydrostreptomycin in bovine tissues and milk by liquid chromatography- electrospray ionization-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 647-656.	1.6	33
12	Stimulation of monoclonal antibody production of hybridoma cells by butyrate: evaluation of a feeding strategy and characterization of cell behaviour. , 2000, 32, 17-29.		32
13	Determination of ivermectin B1a in animal plasma by liquid chromatography combined with electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 840-847.	1.6	31
14	Antipyretic effect of oral sodium salicylate after an intravenous E. coli LPS injection in broiler chickens. <i>British Poultry Science</i> , 2005, 46, 137-143.	1.7	31
15	Two structural domains as a general fold of the toxic fragment of the Bacillus thuringiensis delta-endotoxins. <i>FEBS Journal</i> , 1991, 195, 631-635.	0.2	29
16	Cov-MS: A Community-Based Template Assay for Mass-Spectrometry-Based Protein Detection in SARS-CoV-2 Patients. <i>Jacs Au</i> , 2021, 1, 750-765.	7.9	29
17	Quantitative analysis of levamisole in porcine tissues by high-performance liquid chromatography combined with atmospheric pressure chemical ionization mass spectrometry. <i>Biomedical Applications</i> , 2000, 742, 283-293.	1.7	25
18	Quantitative determination of dexamethasone in bovine plasma and tissues by liquid chromatography-atmospheric pressure chemical ionization-tandem mass spectrometry to monitor residue depletion kinetics. <i>Analytica Chimica Acta</i> , 2005, 529, 361-369.	5.4	25

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19	Liquid chromatographic determination of levamisole in animal plasma: ultraviolet versus tandem mass spectrometric detection. <i>Analytica Chimica Acta</i> , 2003, 483, 215-224.	5.4	23
20	Control of the keto-enol tautomerism of chlortetracycline for its straightforward quantitation in pig tissues by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1133, 135-141.	3.7	23
21	Hybridoma cell behaviour in continuous culture under hyperosmotic stress. , 1999, 29, 71-84.		19
22	Determination of clindamycin in animal plasma by high-performance liquid chromatography combined with electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 848-853.	1.6	19
23	A new training method for hybrid models of bioprocesses. <i>Bioprocess and Biosystems Engineering</i> , 1999, 21, 423.	0.5	16
24	Quantitative determination of chlortetracycline content in animal plasma at controlled keto-enol tautomerism by liquid chromatography/electrospray ionization-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1102, 116-124.	3.7	15
25	A general artificial neural network for the modelization of culture kinetics of different CHO strains. <i>Cytotechnology</i> , 2001, 36, 55-60.	1.6	13
26	Pharmacokinetics of oral transmucosal and intramuscular dexmedetomidine combined with buprenorphine in cats. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 203-208.	1.3	13
27	Quantitative analysis of diclazuril in animal plasma by liquid chromatography/electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1463-1469.	1.5	12
28	Development and Validation of a Methodology for Intracellular pH Measurements of Hybridoma Cells under Bioreactor Culture Conditions. <i>Biotechnology Progress</i> , 1999, 15, 630-639.	2.6	8
29	Intracellular pH Monitoring as a Tool for the Study of Hybridoma Cell Behavior in Batch and Continuous Bioreactor Cultures. <i>Biotechnology Progress</i> , 1998, 14, 626-638.	2.6	7
30	Description of Plasma Penicillin G Concentrations after Intramuscular Injection in Double-Muscle Cows to Optimize the Timing of Antibiotherapy for Caesarean Section. <i>Veterinary Sciences</i> , 2021, 8, 67.	1.7	2
31	Population Pharmacokinetics of Intravenous Amoxicillin Combined With Clavulanic Acid in Healthy and Critically Ill Dogs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 770202.	2.2	2
32	Quantitative analysis of an anti-viral immune escape compound ML-7 in feline plasma using ultra performance liquid chromatography/electrospray ionization mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 905, 118-126.	2.3	0