

Marcio Rodrigues

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

689
citations

567281

15
h-index

642732

23
g-index

47
all docs

47
docs citations

47
times ranked

871
citing authors

#	ARTICLE	IF	CITATIONS
1	Huperzine A from <i>Huperzia serrata</i> : a review of its sources, chemistry, pharmacology and toxicology. <i>Phytochemistry Reviews</i> , 2016, 15, 51-85.	6.5	70
2	Liquid chromatographic assay based on microextraction by packed sorbent for therapeutic drug monitoring of carbamazepine, lamotrigine, oxcarbazepine, phenobarbital, phenytoin and the active metabolites carbamazepine-10,11-epoxide and licarbazepine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 971, 20-29.	2.3	51
3	A critical review of microextraction by packed sorbent as a sample preparation approach in drug bioanalysis. <i>Bioanalysis</i> , 2013, 5, 1409-1442.	1.5	44
4	Antioxidant Status, Antidiabetic Properties and Effects on Caco-2 Cells of Colored and Non-Colored Enriched Extracts of Sweet Cherry Fruits. <i>Nutrients</i> , 2018, 10, 1688.	4.1	36
5	Determination of lamotrigine in human plasma and saliva using microextraction by packed sorbent and high performance liquid chromatography with diode array detection: An innovative bioanalytical tool for therapeutic drug monitoring. <i>Microchemical Journal</i> , 2017, 130, 221-228.	4.5	35
6	Flavonoid compounds as reversing agents of the P-glycoprotein-mediated multidrug resistance: An in vitro evaluation with focus on antiepileptic drugs. <i>Food Research International</i> , 2018, 103, 110-120.	6.2	31
7	Strategies to Improve Drug Strength in Nasal Preparations for Brain Delivery of Low Aqueous Solubility Drugs. <i>Pharmaceutics</i> , 2022, 14, 588.	4.5	26
8	Nanoemulsions and thermosensitive nanoemulgels of phenytoin and fosphenytoin for intranasal administration: Formulation development and in vitro characterization. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 141, 105099.	4.0	22
9	First liquid chromatographic method for the simultaneous determination of amiodarone and desethylamiodarone in human plasma using microextraction by packed sorbent (MEPS) as sample preparation procedure. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 913-914, 90-97.	2.3	20
10	A Rapid HPLC Method for the Simultaneous Determination of Amiodarone and its Major Metabolite in Rat Plasma and Tissues: A Useful Tool for Pharmacokinetic Studies. <i>Journal of Chromatographic Science</i> , 2013, 51, 361-370.	1.4	19
11	Determination of catecholamines and endogenous related compounds in rat brain tissue exploring their native fluorescence and liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1049-1050, 51-59.	2.3	19
12	Herb-drug interaction of <i>Fucus vesiculosus</i> extract and amiodarone in rats: A potential risk for reduced bioavailability of amiodarone in clinical practice. <i>Food and Chemical Toxicology</i> , 2013, 52, 121-128.	3.6	16
13	Effects of <i>Paullinia cupana</i> extract on lamotrigine pharmacokinetics in rats: A herb-drug interaction on the gastrointestinal tract with potential clinical impact. <i>Food and Chemical Toxicology</i> , 2018, 115, 170-177.	3.6	16
14	Liquid chromatographic methods for determination of the new antiepileptic drugs stiripentol, retigabine, rufinamide and perampanel: A comprehensive and critical review. <i>Journal of Pharmaceutical Analysis</i> , 2021, 11, 405-421.	5.3	16
15	Solvent-Free Microwave Extraction of <i>Thymus mastichina</i> Essential Oil: Influence on Their Chemical Composition and on the Antioxidant and Antimicrobial Activities. <i>Pharmaceutics</i> , 2021, 14, 709.	3.8	16
16	Silymarin as a flavonoid-type P-glycoprotein inhibitor with impact on the pharmacokinetics of carbamazepine, oxcarbazepine and phenytoin in rats. <i>Drug and Chemical Toxicology</i> , 2021, 44, 458-469.	2.3	15
17	Intranasal fosphenytoin: The promise of phosphate esters in nose-to-brain delivery of poorly soluble drugs. <i>International Journal of Pharmaceutics</i> , 2021, 592, 120040.	5.2	15
18	<i>Thymus mastichina</i> : Composition and Biological Properties with a Focus on Antimicrobial Activity. <i>Pharmaceutics</i> , 2020, 13, 479.	3.8	14

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19	Usefulness of factor II and factor X as therapeutic markers in patients under chronic warfarin therapy. <i>Biomedicine and Pharmacotherapy</i> , 2010, 64, 130-132.	5.6	13
20	Investigating herb-drug interactions: The effect of Citrus aurantium fruit extract on the pharmacokinetics of amiodarone in rats. <i>Food and Chemical Toxicology</i> , 2013, 60, 153-159.	3.6	13
21	An easy-to-use liquid chromatography assay for the analysis of lamotrigine in rat plasma and brain samples using microextraction by packed sorbent: Application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1035, 67-75.	2.3	13
22	Herb-Drug Interaction of Paullinia cupana (Guarana) Seed Extract on the Pharmacokinetics of Amiodarone in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2012, 2012, 1-10.	1.2	12
23	Development and application of an ex vivo fosphenytoin nasal bioconversion/permeability evaluation method. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 61-72.	4.0	12
24	Influence of the dual combination of silymarin and (-)-epigallocatechin gallate, natural dietary flavonoids, on the pharmacokinetics of oxcarbazepine in rats. <i>Food and Chemical Toxicology</i> , 2017, 106, 446-454.	3.6	12
25	HepaRG cell line as an in vitro model for screening drug-drug interactions mediated by metabolic induction: Amiodarone used as a model substance. <i>Toxicology in Vitro</i> , 2014, 28, 1531-1535.	2.4	11
26	Herb-drug Pharmacokinetic Interaction between Carica Papaya Extract and Amiodarone in Rats. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2014, 17, 302.	2.1	10
27	First MEPS/HPLC assay for the simultaneous determination of venlafaxine and O-desmethylvenlafaxine in human plasma. <i>Bioanalysis</i> , 2014, 6, 3025-3038.	1.5	10
28	Novel bioanalytical method for the quantification of rufinamide in mouse plasma and tissues using HPLC-UV: A tool to support pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1124, 340-348.	2.3	9
29	Salting-out assisted liquid-liquid extraction method optimized by design of experiments for the simultaneous high-performance liquid chromatography analysis of perampanel and stiripentol in mouse matrices. <i>Journal of Separation Science</i> , 2020, 43, 4289-4304.	2.5	9
30	Nose-to-brain delivery of phenytoin and its hydrophilic prodrug fosphenytoin combined in a microemulsion - formulation development and in vivo pharmacokinetics. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 164, 105918.	4.0	9
31	HPLC-DAD Method for the Quantification of Carbamazepine, Oxcarbazepine and their Active Metabolites in HepaRG Cell Culture Samples. <i>Chromatographia</i> , 2016, 79, 581-590.	1.3	8
32	A novel HPLC method for the determination of zonisamide in human plasma using microextraction by packed sorbent optimised by experimental design. <i>Analytical Methods</i> , 2017, 9, 5910-5919.	2.7	8
33	Self-Emulsifying Drug Delivery Systems: An Alternative Approach to Improve Brain Bioavailability of Poorly Water-Soluble Drugs through Intranasal Administration. <i>Pharmaceutics</i> , 2022, 14, 1487.	4.5	8
34	First HPLC method for the simultaneous quantification of levetiracetam, zonisamide, lamotrigine, pentylenetetrazole and pilocarpine in rat plasma and brain. <i>Analytical Methods</i> , 2018, 10, 515-525.	2.7	7
35	Short-term effects of Garcinia cambogia extract on the pharmacokinetics of lamotrigine given as a single-dose in Wistar rats. <i>Food and Chemical Toxicology</i> , 2019, 128, 61-67.	3.6	7
36	Potentially Inappropriate Medications and Potential Prescribing Omissions in Elderly Patients Receiving Post-Acute and Long-Term Care: Application of Screening Tool of Older People's Prescriptions/Screening Tool to Alert to Right Treatment Criteria. <i>Frontiers in Pharmacology</i> , 2021, 12, 747523.	3.5	6

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37	A Rapid and Sensitive HPLC-DAD Assay to Quantify Lamotrigine, Phenytoin and Its Main Metabolite in Samples of Cultured HepaRG Cells. <i>Journal of Chromatographic Science</i> , 2016, 54, 1352-1358.	1.4	5
38	Sweet cherry phenolics revealed to be promising agents in inhibiting P-glycoprotein activity and increasing cellular viability under oxidative stress conditions: in vitro and in silico study. <i>Journal of Food Science</i> , 2022, 87, 450-465.	3.1	5
39	Intranasal delivery of lipid-based nanosystems as a promising approach for brain targeting of the new-generation antiepileptic drug perampanel. <i>International Journal of Pharmaceutics</i> , 2022, 622, 121853.	5.2	4
40	Evaluation of the effects of <i>Citrus aurantium</i> (bitter orange) extract on lamotrigine pharmacokinetics: Insights from in vivo studies in rats. <i>Food and Chemical Toxicology</i> , 2018, 121, 166-172.	3.6	3
41	Safety evidence on the administration of <i>Fucus vesiculosus</i> L. (bladderwrack) extract and lamotrigine: data from pharmacokinetic studies in the rat. <i>Drug and Chemical Toxicology</i> , 2020, 43, 560-566.	2.3	3
42	Allergic rhinitis characterization in community pharmacy customers: a cross-sectional study. <i>International Journal of Clinical Pharmacy</i> , 2021, 43, 118-127.	2.1	2
43	Study of the metabolic stability profiles of perampanel, rufinamide and stiripentol and prediction of drug interactions using HepaRG cells as an in vitro human model. <i>Toxicology in Vitro</i> , 2022, 82, 105389.	2.4	2
44	Editorial: Intranasal Delivery of Central Nervous System Active Drugs: Opportunities and Challenges. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	0