Marcio Rodrigues

List of Publications by Year
in descending order

44	689	643344 15	721071 23
papers	citations	h-index	g-index

47	47	47	937
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sweet cherry phenolics revealed to be promising agents in inhibiting Pâ€glycoprotein activity and increasing cellular viability under oxidative stress conditions: in vitro and in silico study. Journal of Food Science, 2022, 87, 450-465.	1.5	5
2	Strategies to Improve Drug Strength in Nasal Preparations for Brain Delivery of Low Aqueous Solubility Drugs. Pharmaceutics, 2022, 14, 588.	2.0	26
3	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. Toxicology in Vitro, 2022, 82, 105389.	1.1	2
4	Intranasal delivery of lipid-based nanosystems as a promising approach for brain targeting of the new-generation antiepileptic drug perampanel. International Journal of Pharmaceutics, 2022, 622, 121853.	2.6	4
5	Self-Emulsifying Drug Delivery Systems: An Alternative Approach to Improve Brain Bioavailability of Poorly Water-Soluble Drugs through Intranasal Administration. Pharmaceutics, 2022, 14, 1487.	2.0	8
6	Silymarin as a flavonoid-type P-glycoprotein inhibitor with impact on the pharmacokinetics of carbamazepine, oxcarbazepine and phenytoin in rats. Drug and Chemical Toxicology, 2021, 44, 458-469.	1.2	15
7	Liquid chromatographic methods for determination of the new antiepileptic drugs stiripentol, retigabine, rufinamide and perampanel: A comprehensive and critical review. Journal of Pharmaceutical Analysis, 2021, 11, 405-421.	2.4	16
8	Intranasal fosphenytoin: The promise of phosphate esters in nose-to-brain delivery of poorly soluble drugs. International Journal of Pharmaceutics, 2021, 592, 120040.	2.6	15
9	Allergic rhinitis characterization in community pharmacy customers: a cross-sectional study. International Journal of Clinical Pharmacy, 2021, 43, 118-127.	1.0	2
10	Solvent-Free Microwave Extraction of Thymus mastichina Essential Oil: Influence on Their Chemical Composition and on the Antioxidant and Antimicrobial Activities. Pharmaceuticals, 2021, 14, 709.	1.7	16
11	Nose-to-brain delivery of phenytoin and its hydrophilic prodrug fosphenytoin combined in a microemulsion - formulation development and in vivo pharmacokinetics.. European Journal of Pharmaceutical Sciences, 2021, 164, 105918.	1.9	9
12	Potentially Inappropriate Medications and Potential Prescribing Omissions in Elderly Patients Receiving Post-Acute and Long-Term Care: Application of Screening Tool of Older Peopleâ€™s Prescriptions/Screening Tool to Alert to Right Treatment Criteria. Frontiers in Pharmacology, 2021, 12, 747523.	1.6	6
13	Safety evidence on the administration of Fucus vesiculosus L. (bladderwrack) extract and lamotrigine: data from pharmacokinetic studies in the rat. Drug and Chemical Toxicology, 2020, 43, 560-566.	1.2	3
14	Nanoemulsions and thermosensitive nanoemulgels of phenytoin and fosphenytoin for intranasal administration: Formulation development and in vitro characterization. European Journal of Pharmaceutical Sciences, 2020, 141, 105099.	1.9	22
15	Saltingâ€out assisted liquidâ€“liquid extraction method optimized by design of experiments for the simultaneous highâ€performance liquid chromatography analysis of perampanel and stiripentol in mouse matrices. Journal of Separation Science, 2020, 43, 4289-4304.	1.3	9
16	Thymus mastichina: Composition and Biological Properties with a Focus on Antimicrobial Activity. Pharmaceuticals, 2020, 13, 479.	1.7	14
17	Novel bioanalytical method for the quantification of rufinamide in mouse plasma and tissues using HPLC-UV: A tool to support pharmacokinetic studies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1124, 340-348.	1.2	9
18	Short-term effects of Garcinia cambogia extract on the pharmacokinetics of lamotrigine given as a single-dose in Wistar rats. Food and Chemical Toxicology, 2019, 128, 61-67.	1.8	7

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19	First HPLC method for the simultaneous quantification of levetiracetam, zonisamide, lamotrigine, pentylenetetrazole and pilocarpine in rat plasma and brain. Analytical Methods, 2018, 10, 515-525.	1.3	7
20	Effects of Paullinia cupana extract on lamotrigine pharmacokinetics in rats: A herb-drug interaction on the gastrointestinal tract with potential clinical impact. Food and Chemical Toxicology, 2018, 115, 170-177.	1.8	16
21	Flavonoid compounds as reversing agents of the P-glycoprotein-mediated multidrug resistance: An in vitro evaluation with focus on antiepileptic drugs. Food Research International, 2018, 103, 110-120.	2.9	31
22	Antioxidant Status, Antidiabetic Properties and Effects on Caco-2 Cells of Colored and Non-Colored Enriched Extracts of Sweet Cherry Fruits. Nutrients, 2018, 10, 1688.	1.7	36
23	Evaluation of the effects of Citrus aurantium (bitter orange) extract on lamotrigine pharmacokinetics: Insights from in vivo studies in rats. Food and Chemical Toxicology, 2018, 121, 166-172.	1.8	3
24	Determination of catecholamines and endogenous related compounds in rat brain tissue exploring their native fluorescence and liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2017, 1049-1050, 51-59.	1.2	19
25	Influence of the dual combination of silymarin and (-)-epigallocatechin gallate, natural dietary flavonoids, on the pharmacokinetics of oxcarbazepine in rats. Food and Chemical Toxicology, 2017, 106, 446-454.	1.8	12
26	A novel HPLC method for the determination of zonisamide in human plasma using microextraction by packed sorbent optimised by experimental design. Analytical Methods, 2017, 9, 5910-5919.	1.3	8
27	Determination of lamotrigine in human plasma and saliva using microextraction by packed sorbent and high performance liquid chromatographyâ€“diode array detection: An innovative bioanalytical tool for therapeutic drug monitoring. Microchemical Journal, 2017, 130, 221-228.	2.3	35
28	Huperzine A from Huperzia serrata: a review of its sources, chemistry, pharmacology and toxicology. Phytochemistry Reviews, 2016, 15, 51-85.	3.1	70
29	A Rapid and Sensitive HPLCâ€“DAD Assay to Quantify Lamotrigine, Phenytoin and Its Main Metabolite in Samples of Cultured HepaRG Cells. Journal of Chromatographic Science, 2016, 54, 1352-1358.	0.7	5
30	Development and application of an ex vivo fosphenytoin nasal bioconversion/permeability evaluation method. European Journal of Pharmaceutical Sciences, 2016, 89, 61-72.	1.9	12
31	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1035, 67-75.	1.2	13
32	HPLCâ€“DAD Method for the Quantification of Carbamazepine, Oxcarbazepine and their Active Metabolites in HepaRG Cell Culture Samples. Chromatographia, 2016, 79, 581-590.	0.7	8
33	Herb-drug Pharmacokinetic Interaction between Carica Papaya Extract and Amiodarone in Rats. Journal of Pharmacy and Pharmaceutical Sciences, 2014, 17, 302.	0.9	10
34	First MEPS/HPLC assay for the simultaneous determination of venlafaxine and O-desmethylvenlafaxine in human plasma. Bioanalysis, 2014, 6, 3025-3038.	0.6	10
35	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 971, 20-29.	1.2	51
36	HepaRG cell line as an in vitro model for screening drugâ€“drug interactions mediated by metabolic induction: Amiodarone used as a model substance. Toxicology in Vitro, 2014, 28, 1531-1535.	1.1	11

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37	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. Journal of Chromatographic Science, 2013, 51, 361-370.	0.7	19
38	Investigating herbâ€“drug interactions: The effect of Citrus aurantium fruit extract on the pharmacokinetics of amiodarone in rats. Food and Chemical Toxicology, 2013, 60, 153-159.	1.8	13
39	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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 913-914, 90-97.	1.2	20
40	Herbâ€“drug interaction of Fucus vesiculosus extract and amiodarone in rats: A potential risk for reduced bioavailability of amiodarone in clinical practice. Food and Chemical Toxicology, 2013, 52, 121-128.	1.8	16
41	A critical review of microextraction by packed sorbent as a sample preparation approach in drug bioanalysis. Bioanalysis, 2013, 5, 1409-1442.	0.6	44
42	Herb-Drug Interaction ofPaullinia cupana(Guarana) Seed Extract on the Pharmacokinetics of Amiodarone in Rats. Evidence-based Complementary and Alternative Medicine, 2012, 2012, 1-10.	0.5	12
43	Usefulness of factor II and factor X as therapeutic markers in patients under chronic warfarin therapy. Biomedicine and Pharmacotherapy, 2010, 64, 130-132.	2.5	13
44	Editorial: Intranasal Delivery of Central Nervous System Active Drugs: Opportunities and Challenges. Frontiers in Pharmacology, 0, 13, .	1.6	0