

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 | 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 |
| 2 | 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 |
| 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. <i>Toxicology in Vitro</i> , 2022, 82, 105389. | 2.4 | 2 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Salting-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 |
| 16 | <i>Thymus mastichina</i> : Composition and Biological Properties with a Focus on Antimicrobial Activity. <i>Pharmaceutics</i> , 2020, 13, 479. | 3.8 | 14 |
| 17 | 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 |
| 18 | Short-term effects of <i>Garcinia cambogia</i> 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Effects of Paullinia cupana 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Evaluation of the effects of Citrus aurantium (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 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Huperzine A from Huperzia serrata: a review of its sources, chemistry, pharmacology and toxicology. <i>Phytochemistry Reviews</i> , 2016, 15, 51-85. | 6.5 | 70 |
| 29 | A Rapid and Sensitive HPLC with 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 |
| 30 | 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 |
| 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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1035, 67-75. | 2.3 | 13 |
| 32 | HPLC with 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 |
| 33 | 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 |
| 34 | First MEPS/HPLC assay for the simultaneous determination of venlafaxine and <i>o</i> -desmethylvenlafaxine in human plasma. <i>Bioanalysis</i> , 2014, 6, 3025-3038. | 1.5 | 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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 971, 20-29. | 2.3 | 51 |
| 36 | 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 |

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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. <i>Journal of Chromatographic Science</i> , 2013, 51, 361-370. | 1.4 | 19 |
| 38 | Investigating herbâ€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 |
| 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. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 913-914, 90-97. | 2.3 | 20 |
| 40 | Herbâ€drug interaction of Fucus vesiculosus 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 |
| 41 | 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 |
| 42 | Herb-Drug Interaction of <i>Paullinia cupana</i> (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 |
| 43 | 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 |
| 44 | Editorial: Intranasal Delivery of Central Nervous System Active Drugs: Opportunities and Challenges. <i>Frontiers in Pharmacology</i> , 0, 13, . | 3.5 | 0 |