

Gilberto Alves

List of Publications by Year in descending order

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156
papers

4,049
citations

156536

32
h-index

175968

55
g-index

160
all docs

160
docs citations

160
times ranked

5950
citing authors

#	ARTICLE	IF	CITATIONS
1	Health Benefits of <i>Prunus avium</i> Plant Parts: An Unexplored Source Rich in Phenolic Compounds. <i>Food Reviews International</i> , 2022, 38, 118-146.	4.3	16
2	Essential and non-essential elements, and volatile organic compounds for the discrimination of twenty-three sweet cherry cultivars from Fundão, Portugal. <i>Food Chemistry</i> , 2022, 367, 130503.	4.2	10
3	Anti-Inflammatory and Antiproliferative Properties of Sweet Cherry Phenolic-Rich Extracts. <i>Molecules</i> , 2022, 27, 268.	1.7	10
4	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.	1.5	5
5	10 ¹² -Hydroxyestra-1,4-diene-3,17-dione as potential antiproliferative agent: in vitro biological evaluation and in silico studies. <i>Natural Product Research</i> , 2022, 36, 6459-6463.	1.0	0
6	Mineral Content and Volatile Profiling of <i>Prunus avium</i> L. (Sweet Cherry) By-Products from Fundão Region (Portugal). <i>Foods</i> , 2022, 11, 751.	1.9	7
7	Strategies to Improve Drug Strength in Nasal Preparations for Brain Delivery of Low Aqueous Solubility Drugs. <i>Pharmaceutics</i> , 2022, 14, 588.	2.0	26
8	Safety of Non-Steroidal Anti-Inflammatory Drugs in the Elderly: An Analysis of Published Literature and Reports Sent to the Portuguese Pharmacovigilance System. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3541.	1.2	7
9	Zimbro (<i>Juniperus communis</i> L.) as a Promising Source of Bioactive Compounds and Biomedical Activities: A Review on Recent Trends. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3197.	1.8	17
10	C-Ring Oxidized Estrone Acetate Derivatives: Assessment of Antiproliferative Activities and Docking Studies. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3579.	1.3	0
11	Effects of Functional Phenolics Dietary Supplementation on Athletes' Performance and Recovery: A Review. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4652.	1.8	14
12	Evaluation of Raw Cheese as a Novel Source of Biofertilizer with a High Level of Biosecurity for Blueberry. <i>Agronomy</i> , 2022, 12, 1150.	1.3	2
13	Cherries and Blueberries-Based Beverages: Functional Foods with Antidiabetic and Immune Booster Properties. <i>Molecules</i> , 2022, 27, 3294.	1.7	14
14	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.	1.1	2
15	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.	2.6	4
16	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.	2.0	8
17	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.	1.2	15
18	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.	2.4	16

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19	Is intranasal administration an opportunity for direct brain delivery of lacosamide?. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 157, 105632.	1.9	9
20	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.	2.6	15
21	Physical and phytochemical composition of 23 Portuguese sweet cherries as conditioned by variety (or genotype). <i>Food Chemistry</i> , 2021, 335, 127637.	4.2	46
22	Adverse drug reactions in elderly: a five-year review of spontaneous reports to the Portuguese pharmacovigilance system. <i>Expert Opinion on Drug Safety</i> , 2021, 20, 109-118.	1.0	9
23	A combo-strategy to improve brain delivery of antiepileptic drugs: Focus on BCRP and intranasal administration. <i>International Journal of Pharmaceutics</i> , 2021, 593, 120161.	2.6	15
24	Serotonin and Melatonin: Plant Sources, Analytical Methods, and Human Health Benefits. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 162-175.	0.6	8
25	Highlights on Steroidal Arylidene Derivatives as a Source of Pharmacologically Active Compounds: A Review. <i>Molecules</i> , 2021, 26, 2032.	1.7	9
26	Valorisation of <i>Prunus avium</i> L. By-Products: Phenolic Composition and Effect on Caco-2 Cells Viability. <i>Foods</i> , 2021, 10, 1185.	1.9	19
27	New Estrone Oxime Derivatives: Synthesis, Cytotoxic Evaluation and Docking Studies. <i>Molecules</i> , 2021, 26, 2687.	1.7	8
28	Dietary Effects of Anthocyanins in Human Health: A Comprehensive Review. <i>Pharmaceutics</i> , 2021, 14, 690.	1.7	93
29	Pharmacists'™ Role in Older Adults'™ Medication Regimen Complexity: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8824.	1.2	10
30	<i>Prunus avium</i> L. (Sweet Cherry) By-Products: A Source of Phenolic Compounds with Antioxidant and Anti-Hyperglycemic Properties'™ A Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8516.	1.3	16
31	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.	1.9	9
32	Consumption of Phenolic-Rich Food and Dietary Supplements as a Key Tool in SARS-CoV-19 Infection. <i>Foods</i> , 2021, 10, 2084.	1.9	7
33	Hepatoprotective Effects of Sweet Cherry Extracts (cv. Saco). <i>Foods</i> , 2021, 10, 2623.	1.9	9
34	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.	1.6	6
35	Potential Activity of <i>Abrantes</i> Pollen Extract: Biochemical and Cellular Model Studies. <i>Foods</i> , 2021, 10, 2804.	1.9	6
36	Encapsulated Escitalopram and Paroxetine Intranasal Co-Administration: In Vitro/In Vivo Evaluation. <i>Frontiers in Pharmacology</i> , 2021, 12, 751321.	1.6	8

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37	Metagenomic and Culturomic Approaches for Blueberry Biofertilizer Design. , 2021, 3, .		1
38	Safety evidence on the administration of <i>Fucus vesiculosus</i> L. (bladderwrack) extract and lamotrigine: data from pharmacokinetic studies in the rat. Drug and Chemical Toxicology, 2020, 43, 560-566.	1.2	3
39	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
40	Repairing blood-CNS barriers: Future therapeutic approaches for neuropsychiatric disorders. Pharmacological Research, 2020, 162, 105226.	3.1	3
41	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. Journal of Separation Science, 2020, 43, 4289-4304.	1.3	9
42	Cystic fibrosis: Physiopathology and the latest pharmacological treatments. Pharmacological Research, 2020, 162, 105267.	3.1	12
43	Clinical pharmacists' interventions in the management of type 2 diabetes mellitus: a systematic review. Pharmacy Practice, 2020, 18, 2000.	0.8	13
44	Thymus mastichina: Composition and Biological Properties with a Focus on Antimicrobial Activity. Pharmaceuticals, 2020, 13, 479.	1.7	14
45	Multitarget protection of <i>Pterospartum tridentatum</i> phenolic extracts against a wide range of free radical species, antidiabetic activity and effects on human colon carcinoma (Caco-2) cells. Journal of Food Science, 2020, 85, 4377-4388.	1.5	10
46	<p>Medication Evaluation in Portuguese Elderly Patients According to Beers, STOPP/START Criteria and EU(7)-PIM List - An Exploratory Study</p>. Patient Preference and Adherence, 2020, Volume 14, 795-802.	0.8	15
47	Pre-Clinical Assessment of the Nose-to-Brain Delivery of Zonisamide After Intranasal Administration. Pharmaceutical Research, 2020, 37, 74.	1.7	13
48	Timing in drug absorption and disposition: The past, present, and future of chronopharmacokinetics. British Journal of Pharmacology, 2020, 177, 2215-2239.	2.7	46
49	Development, validation and application of a new HPLC-DAD method for simultaneous quantification of apixaban, dabigatran, edoxaban and rivaroxaban in human plasma. Journal of Pharmaceutical and Biomedical Analysis, 2020, 181, 113109.	1.4	41
50	Authentication of honeys from Caramulo region (Portugal): Pollen spectrum, physicochemical characteristics, mineral content, and phenolic profile. Journal of Food Science, 2020, 85, 374-385.	1.5	5
51	Characterization of a Parkinson's disease rat model using an upgraded paraquat exposure paradigm. European Journal of Neuroscience, 2020, 52, 3242-3255.	1.2	20
52	Nose-to-brain Delivery of Natural Compounds for the Treatment of Central Nervous System Disorders. Current Pharmaceutical Design, 2020, 26, 594-619.	0.9	17
53	$\Delta^{9,11}$ -Estrone derivatives as potential antiproliferative agents: synthesis, in vitro biological evaluation and docking studies. , 2020, 23, 201-217.		3
54	Real-world clinical characterization of subjects with depression treated with antidepressant drugs focused on (non-)genetic factors, pharmacokinetics, and clinical outcomes: GnG-PK/PD-AD study.. Experimental and Clinical Psychopharmacology, 2020, 28, 202-215.	1.3	2

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55	Pharmacogenetics and therapeutic drug monitoring of fluoxetine in a real-world setting: A PK/PD analysis of the influence of (non-)genetic factors.. <i>Experimental and Clinical Psychopharmacology</i> , 2020, 28, 589-600.	1.3	10
56	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.	1.2	9
57	Nose-to-brain delivery of levetiracetam after intranasal administration to mice. <i>International Journal of Pharmaceutics</i> , 2019, 564, 329-339.	2.6	40
58	ABC transporters in drug-resistant epilepsy: mechanisms of upregulation and therapeutic approaches. <i>Pharmacological Research</i> , 2019, 144, 357-376.	3.1	49
59	Liquid chromatographic methods for the determination of direct oral anticoagulant drugs in biological samples: A critical review. <i>Analytica Chimica Acta</i> , 2019, 1076, 18-31.	2.6	24
60	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.	1.8	7
61	Exploring the phenolic profile, antioxidant, antidiabetic and anti-hemolytic potential of <i>Prunus avium</i> vegetal parts. <i>Food Research International</i> , 2019, 116, 600-610.	2.9	44
62	Synthesis, in vitro evaluation and QSAR modelling of potential antitumoral 3,4-dihydropyrimidin-2-(1H)-thiones. <i>Arabian Journal of Chemistry</i> , 2019, 12, 5086-5102.	2.3	12
63	In vitro assessment of the interactions of dopamine β -hydroxylase inhibitors with human P-glycoprotein and Breast Cancer Resistance Protein. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 35-40.	1.9	9
64	An easy-to-use liquid chromatography method with fluorescence detection for the simultaneous determination of five neuroactive amino acids in different regions of rat brain. <i>Journal of Pharmacological and Toxicological Methods</i> , 2018, 91, 72-79.	0.3	9
65	First HPLC method for the simultaneous quantification of levetiracetam, zonisamide, lamotrigine, pentylentetrazole and pilocarpine in rat plasma and brain. <i>Analytical Methods</i> , 2018, 10, 515-525.	1.3	7
66	Development and validation of an HPLC-FLD technique for colistin quantification and its plasma monitoring in hospitalized patients. <i>Analytical Methods</i> , 2018, 10, 389-396.	1.3	7
67	Development and full validation of an innovative HPLC-diode array detection technique to simultaneously quantify lacosamide, levetiracetam and zonisamide in human plasma. <i>Bioanalysis</i> , 2018, 10, 541-557.	0.6	17
68	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.	1.8	16
69	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.	2.9	31
70	In vitro screening of dual flavonoid combinations for reversing P-glycoprotein-mediated multidrug resistance: Focus on antiepileptic drugs. <i>Food and Chemical Toxicology</i> , 2018, 111, 84-93.	1.8	15
71	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.	1.7	36
72	Considerations and Pitfalls in Selecting the Drug Vehicles for Evaluation of New Drug Candidates: Focus on in vivo Pharmacotoxicological Assays Based on the Rotarod Performance Test. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 110-118.	0.9	10

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73	Sweet Cherry Phenolic Compounds: Identification, Characterization, and Health Benefits. <i>Studies in Natural Products Chemistry</i> , 2018, , 31-78.	0.8	25
74	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.	1.8	3
75	In vitro and in vivo experimental models employed in the discovery and development of antiepileptic drugs for pharmaco-resistant epilepsy. <i>Epilepsy Research</i> , 2018, 146, 63-86.	0.8	33
76	Steroidal Oximes: Useful Compounds with Antitumor Activities. <i>Current Medicinal Chemistry</i> , 2018, 25, 660-686.	1.2	28
77	Relevance of Breast Cancer Resistance Protein to Brain Distribution and Central Acting Drugs: A Pharmacokinetic Perspective. <i>Current Drug Metabolism</i> , 2018, 19, 1021-1041.	0.7	7
78	Drug-Induced Epistaxis: An Often-Neglected Adverse Effect. <i>Current Drug Safety</i> , 2018, 13, 74-83.	0.3	3
79	Simultaneous Quantification of Antidepressants and Metabolites in Urine and Plasma Samples by GC-MS for Therapeutic Drug Monitoring. <i>Chromatographia</i> , 2017, 80, 301-328.	0.7	19
80	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.	1.2	19
81	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.	1.8	12
82	Pharmacokinetics of opicapone, a third-generation COMT inhibitor, after single and multiple oral administration: A comparative study in the rat. <i>Toxicology and Applied Pharmacology</i> , 2017, 323, 9-15.	1.3	5
83	Early preclinical evaluation of dihydropyrimidin(thi)ones as potential anticonvulsant drug candidates. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 102, 264-274.	1.9	17
84	Screening of pharmacokinetic properties of fifty dihydropyrimidin(thi)one derivatives using a combo of in vitro and in silico assays. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 334-346.	1.9	9
85	Elucidation of the Impact of P-glycoprotein and Breast Cancer Resistance Protein on the Brain Distribution of Catechol-O-Methyltransferase Inhibitors. <i>Drug Metabolism and Disposition</i> , 2017, 45, 1282-1291.	1.7	19
86	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.	1.3	8
87	A single- and multiple-dose study to investigate the pharmacokinetics and pharmacodynamics of opicapone, a novel COMT inhibitor, in rat. <i>Neuropharmacology</i> , 2017, 125, 146-155.	2.0	6
88	Intranasal Delivery of Topically-Acting Levofloxacin to Rats: a Proof-of-Concept Pharmacokinetic Study. <i>Pharmaceutical Research</i> , 2017, 34, 2260-2269.	1.7	5
89	Therapeutic Drug Monitoring of Fluoxetine, Norfluoxetine and Paroxetine: A New Tool Based on Microextraction by Packed Sorbent Coupled to Liquid Chromatography. <i>Journal of Analytical Toxicology</i> , 2017, 41, 631-638.	1.7	20
90	Intranasal delivery of ciprofloxacin to rats: A topical approach using a thermoreversible in situ gel. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 30-37.	1.9	18

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91	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.	2.3	35
92	Recent Highlights on Molecular Hybrids Potentially Useful in Central Nervous System Disorders. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 486-517.	1.1	24
93	Huperzine A from <i>Huperzia serrata</i> : a review of its sources, chemistry, pharmacology and toxicology. <i>Phytochemistry Reviews</i> , 2016, 15, 51-85.	3.1	70
94	Can the CEIBA Cocktail Designed for Human Cytochrome P450 Enzymes be Used in the Rat for Drug Interaction Studies?. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2016, 19, 520.	0.9	7
95	Pharmacist Interventions in the Management of Type 2 Diabetes Mellitus: A Systematic Review of Randomized Controlled Trials. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2016, 22, 493-515.	0.5	108
96	Development of a liquid chromatography assay for the determination of opicapone and BIA 1079 in rat matrices. <i>Biomedical Chromatography</i> , 2016, 30, 312-322.	0.8	6
97	Histamine induces microglia activation and dopaminergic neuronal toxicity via H1 receptor activation. <i>Journal of Neuroinflammation</i> , 2016, 13, 137.	3.1	76
98	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.	0.7	5
99	Development and application of an ex vivo fosphenytoin nasal bioconversion/permeability evaluation method. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 89, 61-72.	1.9	12
100	<i>Gastrodia elata</i> and epilepsy: Rationale and therapeutic potential. <i>Phytomedicine</i> , 2016, 23, 1511-1526.	2.3	54
101	Effects of <i>Hypericum perforatum</i> hydroalcoholic extract, hypericin, and hyperforin on cytotoxicity and CYP3A4 mRNA expression in hepatic cell lines: a comparative study. <i>Medicinal Chemistry Research</i> , 2016, 25, 2999-3010.	1.1	6
102	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.	1.2	13
103	Potential antitumoral 3,4-dihydropyrimidin-2-(1H)-ones: synthesis, in vitro biological evaluation and QSAR studies. <i>RSC Advances</i> , 2016, 6, 84943-84958.	1.7	21
104	Effects of <i>Hypericum perforatum</i> extract and its main bioactive compounds on the cytotoxicity and expression of CYP1A2 and CYP2D6 in hepatic cells. <i>Life Sciences</i> , 2016, 144, 30-36.	2.0	14
105	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.	0.7	8
106	A new PAMPA model using an in-house brain lipid extract for screening the blood-brain barrier permeability of drug candidates. <i>International Journal of Pharmaceutics</i> , 2016, 501, 102-111.	2.6	41
107	Pharmacokinetics of opicapone, a novel catechol-O-methyltransferase inhibitor, in the Wistar rat. <i>Parkinsonism and Related Disorders</i> , 2016, 22, e184.	1.1	1
108	Drug-metabolizing Enzymes and Efflux Transporters in Nasal Epithelium: Influence on the Bioavailability of Intranasally Administered Drugs. <i>Current Drug Metabolism</i> , 2016, 17, 628-647.	0.7	39

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109	2.1 Pharmacokinetics and Bioanalysis to Improve Drug Development. , 2015, , 62-118.		0
110	Clinical drug-drug interactions: focus on venlafaxine. Drug Metabolism and Personalized Therapy, 2015, 30, 3-17.	0.3	14
111	Direct nose-to-brain delivery of lamotrigine following intranasal administration to mice. International Journal of Pharmaceutics, 2015, 490, 39-46.	2.6	56
112	Flavonoid compounds as reversal agents of the P-glycoprotein-mediated multidrug resistance: biology, chemistry and pharmacology. Phytochemistry Reviews, 2015, 14, 233-272.	3.1	38
113	Histopathological and in vivo evidence of regucalcin as a protective molecule in mammary gland carcinogenesis. Experimental Cell Research, 2015, 330, 325-335.	1.2	12
114	Herb-drug Pharmacokinetic Interaction between Carica Papaya Extract and Amiodarone in Rats. Journal of Pharmacy and Pharmaceutical Sciences, 2014, 17, 302.	0.9	10
115	First MEPS/HPLC assay for the simultaneous determination of venlafaxine and <i>O</i> -desmethylvenlafaxine in human plasma. Bioanalysis, 2014, 6, 3025-3038.	0.6	10
116	Venlafaxine pharmacokinetics focused on drug metabolism and potential biomarkers. Drug Metabolism and Drug Interactions, 2014, 29, 129-141.	0.3	34
117	Chiral chromatographic resolution of antiepileptic drugs and their metabolites: a challenge from the optimization to the application. Biomedical Chromatography, 2014, 28, 27-58.	0.8	33
118	Blood-brain barrier models and their relevance for a successful development of CNS drug delivery systems: A review. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 409-432.	2.0	222
119	Intranasal delivery of systemic-acting drugs: Small-molecules and biomacromolecules. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 88, 8-27.	2.0	149
120	Intranasal administration of carbamazepine to mice: A direct delivery pathway for brain targeting. European Journal of Pharmaceutical Sciences, 2014, 60, 32-39.	1.9	76
121	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
122	HepaRG cell line as an in vitro model for screening drug-drug interactions mediated by metabolic induction: Amiodarone used as a model substance. Toxicology in Vitro, 2014, 28, 1531-1535.	1.1	11
123	Third and Fourth Generation Fluoroquinolone Antibacterials: A Systematic Review of Safety and Toxicity Profiles. Current Drug Safety, 2014, 9, 89-105.	0.3	46
124	First liquid chromatography method for the simultaneous determination of levofloxacin, pazufloxacin, gatifloxacin, moxifloxacin and trovafloxacin in human plasma. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 930, 104-111.	1.2	34
125	Pharmacokinetics, brain distribution and plasma protein binding of carbamazepine and nine derivatives: New set of data for predictive in silico ADME models. Epilepsy Research, 2013, 107, 37-50.	0.8	30
126	Nose as a Route for Drug Delivery. , 2013, , 191-215.		2

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127	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.	0.7	19
128	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.	1.8	13
129	First HPLC-UV method for rapid and simultaneous quantification of phenobarbital, primidone, phenytoin, carbamazepine, carbamazepine-10,11-epoxide, 10,11-trans-dihydroxy-10,11-dihydrocarbamazepine, lamotrigine, oxcarbazepine and licarbazepine in human plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 925, 1-9.	1.2	66
130	An HPLC-DAD method for the simultaneous quantification of opicapone (BIA 9-1067) and its active metabolite in human plasma. <i>Analyst</i> , The, 2013, 138, 2463.	1.7	9
131	Liquid chromatographic methods for the quantification of catecholamines and their metabolites in several biological samples—A review. <i>Analytica Chimica Acta</i> , 2013, 768, 12-34.	2.6	149
132	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.	1.2	20
133	Herb-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.	1.8	16
134	A critical review of microextraction by packed sorbent as a sample preparation approach in drug bioanalysis. <i>Bioanalysis</i> , 2013, 5, 1409-1442.	0.6	44
135	A chiral liquid chromatography method for the simultaneous determination of oxcarbazepine, eslicarbazepine, carbamazepine and other new chemical derivatives BIA 2024, BIA 059 and BIA 265, in mouse plasma and brain. <i>Biomedical Chromatography</i> , 2012, 26, 384-392.	0.8	15
136	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.	0.5	12
137	Bioanalytical chromatographic methods for the determination of catechol-O-methyltransferase inhibitors in rodents and human samples: A review. <i>Analytica Chimica Acta</i> , 2012, 710, 17-32.	2.6	32
138	Analytical methods for determination of new fluoroquinolones in biological matrices and pharmaceutical formulations by liquid chromatography: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 93-129.	1.9	69
139	Evaluation of the permeability and P-glycoprotein efflux of carbamazepine and several derivatives across mouse small intestine by the Ussing chamber technique. <i>Epilepsia</i> , 2012, 53, 529-538.	2.6	45
140	Bioanalysis of small-molecule drugs in nasal and paranasal tissues and secretions: Current status and perspectives. <i>Open Chemistry</i> , 2012, 10, 686-702.	1.0	0
141	Optimization of a Parallel Artificial Membrane Permeability Assay for the Fast and Simultaneous Prediction of Human Intestinal Absorption and Plasma Protein Binding of Drug Candidates: Application to Dibenz[b,f]azepine-5-Carboxamide Derivatives. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 530-540.	1.6	33
142	A chiral HPLC-UV method for the quantification of dibenz[b,f]azepine-5-carboxamide derivatives in mouse plasma and brain tissue: Eslicarbazepine acetate, carbamazepine and main metabolites. <i>Journal of Separation Science</i> , 2011, 34, 1391-1401.	1.3	15
143	Development and validation of a fast isocratic liquid chromatography method for the simultaneous determination of norfloxacin, lomefloxacin and ciprofloxacin in human plasma. <i>Biomedical Chromatography</i> , 2011, 25, 535-541.	0.8	19
144	In vitro and In vivo Relevance of the P-glycoprotein Probe Substrates in Drug Discovery and Development: Focus on Rhodamine 123, Digoxin and Talinolol. <i>Journal of Bioequivalence & Bioavailability</i> , 2011, 01, .	0.1	18

#	ARTICLE	IF	CITATIONS
145	Enantioselective Assay for Therapeutic Drug Monitoring of Eslicarbazepine Acetate: No Interference With Carbamazepine and Its Metabolites. <i>Therapeutic Drug Monitoring</i> , 2010, 32, 512-516.	1.0	11
146	Development and validation of an HPLC-UV method for the simultaneous quantification of carbamazepine, oxcarbazepine, eslicarbazepine acetate and their main metabolites in human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1605-1615.	1.9	56
147	Binding of licarbazepine enantiomers to mouse and human plasma proteins. <i>Biopharmaceutics and Drug Disposition</i> , 2010, 31, 362-366.	1.1	10
148	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.	2.5	13
149	Intranasal Drug Delivery: How, Why and What for?. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2009, 12, 288.	0.9	427
150	The maximal electroshock seizure (MES) model in the preclinical assessment of potential new antiepileptic drugs. <i>Methods and Findings in Experimental and Clinical Pharmacology</i> , 2009, 31, 101.	0.8	144
151	Stereoselective disposition of <i>S</i> - and <i>R</i> -licarbazepine in mice. <i>Chirality</i> , 2008, 20, 796-804.	1.3	18
152	Disposition of eslicarbazepine acetate in the mouse after oral administration. <i>Fundamental and Clinical Pharmacology</i> , 2008, 22, 529-536.	1.0	12
153	P.1.c.016 Metabolic profile of eslicarbazepine acetate in mice and the role of liver in the systemic drug exposure. <i>European Neuropsychopharmacology</i> , 2008, 18, S229.	0.3	0
154	Enantioselective HPLC-UV method for determination of eslicarbazepine acetate (BIA 2-093) and its metabolites in human plasma. <i>Biomedical Chromatography</i> , 2007, 21, 1127-1134.	0.8	32
155	Simultaneous and enantioselective liquid chromatographic determination of eslicarbazepine acetate, <i>S</i> -licarbazepine, <i>R</i> -licarbazepine and oxcarbazepine in mouse tissue samples using ultraviolet detection. <i>Analytica Chimica Acta</i> , 2007, 596, 132-140.	2.6	29
156	Editorial: Intranasal Delivery of Central Nervous System Active Drugs: Opportunities and Challenges. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	0