

Whocely Victor De Castro

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

410
citations

10
h-index

20
g-index

25
ext. papers

460
ext. citations

4
avg, IF

3.1
L-index

#	Paper	IF	Citations
23	Characterization, dissolution, and pharmacokinetics of different batches of efavirenz raw materials. <i>Drug Development and Industrial Pharmacy</i> , 2021 , 47, 725-734	3.6	0
22	Validation of a HPLC method for quantification of midazolam in rat plasma: Application during a Maytenus ilicifolia-drug interaction study. <i>Biomedical Chromatography</i> , 2021 , 35, e4999	1.7	
21	Dehydrobufotenin extracted from the Amazonian toad (Anura: Bufonidae) as a prototype molecule for the development of antiplasmodial drugs. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2021 , 27, e20200073	2.2	
20	Selective LC-MS/MS determination of citalopram enantiomers and application to a pharmacokinetic evaluation of generic and reference formulations. <i>Biomedical Chromatography</i> , 2021 , e5237	1.7	
19	Software for dose adjustment of antimicrobials. Implications for plasma concentrations and practical limitations. <i>Einstein (Sao Paulo, Brazil)</i> , 2020 , 18, eCE5858	1.2	
18	Evaluation of the Effects of Maytenus ilicifolia on the Activities of Cytochrome P450 3A and P-glycoprotein. <i>Current Drug Metabolism</i> , 2020 , 21, 281-290	3.5	2
17	Validated spectrophotometric method for quantification of total triterpenes in plant matrices. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020 , 28, 281-286	3.9	1
16	Systematic evaluation of the impact of solid-state polymorphism on the bioavailability of thalidomide. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 136, 104937	5.1	4
15	Improvement of antimalarial activity of a 3-alkylpyridine alkaloid analog by replacing the pyridine ring to a thiazole-containing heterocycle: Mode of action, mutagenicity profile, and Caco-2 cell-based permeability. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 138, 105015	5.1	7
14	Development of spectrophotometric method for iron determination in fortified wheat and maize flours. <i>Food Chemistry</i> , 2018 , 242, 205-210	8.5	20
13	Hollow mesoporous structured molecularly imprinted polymer as adsorbent in pipette-tip solid-phase extraction for the determination of antiretrovirals from plasma of HIV-infected patients. <i>Electrophoresis</i> , 2018 , 39, 2581-2589	3.6	6
12	Determining the optimal vancomycin daily dose for pediatrics: a meta-analysis. <i>European Journal of Clinical Pharmacology</i> , 2017 , 73, 1341-1353	2.8	10
11	Simultaneous Semimechanistic Population Analyses of Levofloxacin in Plasma, Lung, and Prostate To Describe the Influence of Efflux Transporters on Drug Distribution following Intravenous and Intratracheal Administration. <i>Antimicrobial Agents and Chemotherapy</i> , 2016 , 60, 946-54	5.9	7
10	Determination of fexofenadine in Hank's balanced salt solution by high-performance liquid chromatography with ultraviolet detection: application to Caco-2 cell permeability studies. <i>Biomedical Chromatography</i> , 2015 , 29, 537-44	1.7	4
9	Peritoneal dialysis and inflammation. <i>Clinica Chimica Acta</i> , 2014 , 430, 109-14	6.2	23
8	Effect of experimentally induced hypovolemia on ertapenem tissue distribution using microdialysis in rats. <i>European Journal of Pharmaceutical Sciences</i> , 2014 , 51, 45-50	5.1	5
7	Evaluation of the pharmacokinetics and ocular tolerance of a microemulsion containing tacrolimus. <i>Journal of Ocular Pharmacology and Therapeutics</i> , 2014 , 30, 59-65	2.6	11

6	Relative contributions of active mediated transport and passive diffusion of fluoroquinolones with various lipophilicities in a Calu-3 lung epithelial cell model. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 543-5	5.9	24
5	P-glycoprotein-mediated transport of moxifloxacin in a Calu-3 lung epithelial cell model. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 1457-62	5.9	50
4	Effect of grapefruit juice, naringin, naringenin, and bergamottin on the intestinal carrier-mediated transport of talinolol in rats. <i>Journal of Agricultural and Food Chemistry</i> , 2008 , 56, 4840-5	5.7	43
3	Polymethoxylated flavones and other phenolic derivatives from citrus in their inhibitory effects on P-glycoprotein-mediated transport of talinolol in Caco-2 cells. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 2563-8	5.7	27
2	Grapefruit juice-drug interactions: Grapefruit juice and its components inhibit P-glycoprotein (ABCB1) mediated transport of talinolol in Caco-2 cells. <i>Journal of Pharmaceutical Sciences</i> , 2007 , 96, 2808-17	3.9	73
1	Variation of flavonoids and furanocoumarins in grapefruit juices: a potential source of variability in grapefruit juice-drug interaction studies. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 249-55	5.7	93