

Murali Subramanian

List of Publications by Year in descending order

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papers

445
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840776

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24
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citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of 2-Pyridinylindole-Based Dual Antagonists of Toll-like Receptors 7 and 8 (TLR7/8). ACS Medicinal Chemistry Letters, 2022, 13, 812-818.	2.8	5
2	Discovery of Potent and Orally Bioavailable Small Molecule Antagonists of Toll-like Receptors 7/8/9 (TLR7/8/9). ACS Medicinal Chemistry Letters, 2020, 11, 1751-1758.	2.8	24
3	(Carbonyl)oxyalkyl linker-based amino acid prodrugs of the HIV-1 protease inhibitor atazanavir that enhance oral bioavailability and plasma trough concentration. European Journal of Medicinal Chemistry, 2020, 207, 112749.	5.5	5
4	Design, Synthesis, and Pharmacokinetic Evaluation of Phosphate and Amino Acid Ester Prodrugs for Improving the Oral Bioavailability of the HIV-1 Protease Inhibitor Atazanavir. Journal of Medicinal Chemistry, 2019, 62, 3553-3574.	6.4	26
5	Identification of novel glutathione conjugates of terbinafine in liver microsomes and hepatocytes across species. Xenobiotica, 2019, 49, 1403-1413.	1.1	1
6	Coupling of an Acyl Migration Prodrug Strategy with Bio-activation To Improve Oral Delivery of the HIV-1 Protease Inhibitor Atazanavir. Journal of Medicinal Chemistry, 2018, 61, 4176-4188.	6.4	11
7	Offline derivatization LC-MS/MS method for simultaneous estimation of vanillin and vanillic acid in guinea pig plasma. Bioanalysis, 2018, 10, 131-142.	1.5	4
8	Use of Hybrid Capillary Tube Apparatus on 400 MHz NMR for Quantitation of Crucial Low-Quantity Metabolites Using aSICCO Signal. Drug Metabolism and Disposition, 2017, 45, 1215-1224.	3.3	0
9	Comprehensive evaluation of liver microsomal cytochrome P450 3A (CYP3A) inhibition: comparison of cynomolgus monkey and human. Xenobiotica, 2017, 47, 470-478.	1.1	3
10	Absolute quantification of imipramine and its metabolites <i>in vivo</i> utilizing calibrators from radiolabeled <i>in vitro</i> incubations. Bioanalysis, 2016, 8, 297-309.	1.5	2
11	Absorption and cleavage of enalapril, a carboxyl ester prodrug, in the rat intestine: <i>in vitro</i> , <i>in situ</i> intestinal perfusion and portal vein cannulation models. Biopharmaceutics and Drug Disposition, 2015, 36, 385-397.	1.9	14
12	Simultaneous and stereospecific analysis of warfarin oxidative metabolism using 2D LC/Q-TOF. Bioanalysis, 2015, 7, 2297-2309.	1.5	4
13	Expression and Characterization of Cynomolgus Monkey Cytochrome CYP3A4 in a Novel Human Embryonic Kidney Cell-Based Mammalian System. Drug Metabolism and Disposition, 2014, 42, 369-376.	3.3	6
14	Role of hepatic blood flow and metabolism in the pharmacokinetics of ten drugs in lean, aged and obese rats. Xenobiotica, 2014, 44, 1108-1116.	1.1	11
15	Characterization of Recombinantly Expressed Rat and Monkey Intestinal Alkaline Phosphatases: <i>In Vitro</i> Studies and <i>In Vivo</i> Correlations. Drug Metabolism and Disposition, 2013, 41, 1425-1432.	3.3	6
16	Effect of P450 oxidoreductase variants on the metabolism of model substrates mediated by CYP2C9.1, CYP2C9.2, and CYP2C9.3. Pharmacogenetics and Genomics, 2012, 22, 590-597.	1.5	39
17	CYP2C9-CYP3A4 Protein-Protein Interactions: Role of the Hydrophobic N Terminus. Drug Metabolism and Disposition, 2010, 38, 1003-1009.	3.3	51
18	CYP2D6-CYP2C9 Protein-Protein Interactions and Isoform-Selective Effects on Substrate Binding and Catalysis. Drug Metabolism and Disposition, 2009, 37, 1682-1689.	3.3	49

#	ARTICLE	IF	CITATIONS
19	High-Speed Simultaneous Determination of Nine Antiepileptic Drugs Using Liquid Chromatography-Mass Spectrometry. <i>Therapeutic Drug Monitoring</i> , 2008, 30, 347-356.	2.0	100
20	CYP2C9â€CYP3A4 proteinâ€protein interactions in a reconstituted expressed enzyme system. <i>FASEB Journal</i> , 2008, 22, 919.7.	0.5	0
21	Enhanced Transformation of TNT by Tobacco Plants Expressing a Bacterial Nitroreductase. <i>International Journal of Phytoremediation</i> , 2007, 9, 385-401.	3.1	52
22	TNT Phytotransformation Pathway Characteristics in Arabidopsis: Role of Aromatic Hydroxylamines. <i>Biotechnology Progress</i> , 2006, 22, 208-216.	2.6	29