

Shyam H Kamble

List of Publications by Year in descending order

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22
papers

471
citations

840776

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h-index

752698

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22
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22
docs citations

22
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276
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the Adrenergic and Opioid Binding Affinities, Metabolic Stability, Plasma Protein Binding Properties, and Functional Effects of Selected Indole-Based Kratom Alkaloids. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 433-439.	6.4	92
2	Metabolite profiling and identification of enzymes responsible for the metabolism of mitragynine, the major alkaloid of <i>Mitragyna speciosa</i> (kratom). <i>Xenobiotica</i> , 2019, 49, 1279-1288.	1.1	70
3	Simultaneous quantification of ten key Kratom alkaloids in <i>Mitragyna speciosa</i> leaf extracts and commercial products by ultra-performance liquid chromatography-tandem mass spectrometry. <i>Drug Testing and Analysis</i> , 2019, 11, 1162-1171.	2.6	62
4	Exploration of cytochrome P450 inhibition mediated drug-drug interaction potential of kratom alkaloids. <i>Toxicology Letters</i> , 2020, 319, 148-154.	0.8	36
5	Metabolism of a Kratom Alkaloid Metabolite in Human Plasma Increases Its Opioid Potency and Efficacy. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1063-1068.	4.9	36
6	Activity of <i>Mitragyna speciosa</i> (Kratom) Alkaloids at Serotonin Receptors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13510-13523.	6.4	30
7	Pharmacokinetics of Eleven Kratom Alkaloids Following an Oral Dose of Either Traditional or Commercial Kratom Products in Rats. <i>Journal of Natural Products</i> , 2021, 84, 1104-1112.	3.0	29
8	Pharmacokinetics and Safety of Mitragynine in Beagle Dogs. <i>Planta Medica</i> , 2020, 86, 1278-1285.	1.3	19
9	Bioanalytical method development and validation of corynantheidine, a kratom alkaloid, using UPLC-MS/MS, and its application to preclinical pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113019.	2.8	14
10	Adolescent nicotine and tobacco smoke exposure enhances nicotine self-administration in female rats. <i>Neuropharmacology</i> , 2020, 176, 108243.	4.1	14
11	In Vitro Antioxidant and Anti-Glycation Activity of Resveratrol and Its Novel Triester with Trolox. <i>Antioxidants</i> , 2021, 10, 12.	5.1	13
12	The Lack of Contribution of 7-Hydroxymitragynine to the Antinociceptive Effects of Mitragynine in Mice: A Pharmacokinetic and Pharmacodynamic Study. <i>Drug Metabolism and Disposition</i> , 2022, 50, 158-167.	3.3	11
13	Preclinical pharmacokinetic study of speciociliatine, a kratom alkaloid, in rats using an UPLC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 194, 113778.	2.8	10
14	Regulatory sampling of industrial hemp plant samples (<i>Cannabis sativa</i> L.) using UPLC-MS/MS method for detection and quantification of twelve cannabinoids. <i>Journal of Cannabis Research</i> , 2020, 2, 42.	3.2	8
15	Effect of water miscible organic solvents on p-nitrophenol hydroxylase (CYP2E1) activity in rat liver microsomes. <i>Indian Journal of Pharmaceutical Sciences</i> , 2015, 77, 283.	1.0	7
16	Exploring 1-adamantanamine as an alternative amine moiety for metabolically labile azepane ring in newly synthesized benzo[d]thiazol-2(3H)one 5f receptor ligands. <i>Medicinal Chemistry Research</i> , 2020, 29, 1697-1706.	2.4	6
17	Bioanalytical method development and pharmacokinetics of MCI-92, a sigma-1 receptor ligand. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113610.	2.8	5
18	Effect of water-miscible organic solvents on CYP450-mediated metoprolol and imipramine metabolism in rat liver microsomes. <i>Indian Journal of Pharmaceutical Sciences</i> , 2015, 77, 382.	1.0	5

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19	Oral Pharmacokinetics in Beagle Dogs of the Mitragynine Metabolite, 7-Hydroxymitragynine. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 459-463.	1.6	3
20	Identification of novel glutathione conjugates of terbinafine in liver microsomes and hepatocytes across species. <i>Xenobiotica</i> , 2019, 49, 1403-1413.	1.1	1
21	Bioanalytical method development and validation of MES207, a neuropeptide FF receptor antagonist, and its application in preclinical pharmacokinetics. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1134-1135, 121875.	2.3	0
22	UPLC-MS/MS method for the quantification of MCI-77, a novel sigma-1 receptor ligand, and its application to pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1196, 123187.	2.3	0