

Abhisheak Sharma

List of Publications by Year in descending order

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67
papers

1,999
citations

257101

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43
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docs citations

69
times ranked

2582
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.7	11
2	Characterization of Different Forms of Kava (<i>Piper methysticum</i>) Products by UPLC-MS/MS. <i>Planta Medica</i> , 2022, 88, 1348-1359.	0.7	5
3	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.	1.2	0
4	Clinical pharmacokinetics of kavalactones after oral dosing of standardized kava extract in healthy volunteers. <i>Journal of Ethnopharmacology</i> , 2022, 297, 115514.	2.0	4
5	Assessing the therapeutic potential and toxicity of <i>Mitragyna speciosa</i> in opioid use disorder. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 255-257.	1.5	23
6	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.	1.4	10
7	Exploring the Chemistry of Alkaloids from Malaysian <i>Mitragyna speciosa</i> (Kratom) and the Role of Oxindoles on Human Opioid Receptors. <i>Journal of Natural Products</i> , 2021, 84, 1034-1043.	1.5	45
8	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.	1.5	29
9	Oral Pharmacokinetics in Beagle Dogs of the Mitragynine Metabolite, 7-Hydroxymitragynine. <i>European Journal of Drug Metabolism and Pharmacokinetics</i> , 2021, 46, 459-463.	0.6	3
10	Pharmacokinetic and Biochemical Profiling of Sodium Dichloroacetate in Pregnant Ewes and Fetuses. <i>Drug Metabolism and Disposition</i> , 2021, 49, 451-458.	1.7	2
11	Acute morphine blocks spinal respiratory motor plasticity via long-latency mechanisms that require toll-like receptor 4 signalling. <i>Journal of Physiology</i> , 2021, 599, 3771-3797.	1.3	3
12	Activity of <i>Mitragyna speciosa</i> (Kratom) Alkaloids at Serotonin Receptors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13510-13523.	2.9	30
13	Highly Specific Sigma Receptor Ligands Exhibit Anti-Viral Properties in SARS-CoV-2 Infected Cells. <i>Pathogens</i> , 2021, 10, 1514.	1.2	12
14	Exploration of cytochrome P450 inhibition mediated drug-drug interaction potential of kratom alkaloids. <i>Toxicology Letters</i> , 2020, 319, 148-154.	0.4	36
15	Patterns and reasons for kratom (<i>Mitragyna speciosa</i>) use among current and former opioid poly-drug users. <i>Journal of Ethnopharmacology</i> , 2020, 249, 112462.	2.0	61
16	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.	1.4	14
17	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.	2.9	92
18	Lyophilized Kratom Tea as a Therapeutic Option for Opioid Dependence. <i>Drug and Alcohol Dependence</i> , 2020, 216, 108310.	1.6	40

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19	Preliminary examination of mitragynine and 7-hydroxymitragynine synthesis in response to production environment and postharvest techniques of <i>Mitragyna speciosa</i> . <i>Acta Horticulturae</i> , 2020, , 89-96.	0.1	3
20	Pharmacokinetics and Safety of Mitragynine in Beagle Dogs. <i>Planta Medica</i> , 2020, 86, 1278-1285.	0.7	19
21	Discovery of a Highly Selective Sigma-2 Receptor Ligand, 1-(4-(6,7-Dimethoxy-3,4-dihydroisoquinolin-2(1H-yl)butyl)-3-methyl-1H-benzo[d]imidazol-2(3H)-one (CM398), with Drug-Like Properties and Antinociceptive Effects In Vivo. <i>AAPS Journal</i> , 2020, 22, 94.	2.2	33
22	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.	2.5	36
23	Adolescent nicotine and tobacco smoke exposure enhances nicotine self-administration in female rats. <i>Neuropharmacology</i> , 2020, 176, 108243.	2.0	14
24	Bioanalytical method development and pharmacokinetics of MCI-92, a sigma-1 receptor ligand. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113610.	1.4	5
25	Evaluation of the rewarding effects of mitragynine and 7-hydroxymitragynine in an intracranial self-stimulation procedure in male and female rats. <i>Drug and Alcohol Dependence</i> , 2020, 215, 108235.	1.6	19
26	Effects of Nutrient Fertility on Growth and Alkaloidal Content in <i>Mitragyna speciosa</i> (Kratom). <i>Frontiers in Plant Science</i> , 2020, 11, 597696.	1.7	17
27	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.	1.5	8
28	Exploring 1-adamantanamine as an alternative amine moiety for metabolically labile azepane ring in newly synthesized benzo[d]thiazol-2(3H)one σ_1 receptor ligands. <i>Medicinal Chemistry Research</i> , 2020, 29, 1697-1706.	1.1	6
29	Potential Contribution of 7-Hydroxymitragynine, a Metabolite of the Primary Kratom (<i>Mitragyna</i>) Tj ETQq1 1 0.784314 rgBT /Overl 1-1.	0.2	5
30	Potential biochemical mechanisms of the dual sigma-1 and dopamine transporter ligand CM699. <i>FASEB Journal</i> , 2020, 34, 1-1.	0.2	0
31	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.	1.6	62
32	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.	1.2	0
33	A selective BCL-XL PROTAC degrader achieves safe and potent antitumor activity. <i>Nature Medicine</i> , 2019, 25, 1938-1947.	15.2	348
34	Improved chemotherapy against breast cancer through immunotherapeutic activity of fucoidan decorated electrostatically assembled nanoparticles bearing doxorubicin. <i>International Journal of Biological Macromolecules</i> , 2019, 122, 1100-1114.	3.6	51
35	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.	0.5	70
36	Comparative Pharmacokinetics of Mitragynine after Oral Administration of <i>Mitragyna speciosa</i> (Kratom) Leaf Extracts in Rats. <i>Planta Medica</i> , 2019, 85, 340-346.	0.7	36

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37	A novel proteotoxic combination therapy for EGFR+ and HER2+ cancers. <i>Oncogene</i> , 2019, 38, 4264-4282.	2.6	8
38	A pharmacokinetic comparison of homodimer ARB-92 and heterodimer ARB-89: novel, potent antimalarial candidates derived from 7Î²-hydroxyartemisinin. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 585-593.	2.7	6
39	A stable isotope dilution tandem mass spectrometry method of major kavalactones and its applications. <i>PLoS ONE</i> , 2018, 13, e0197940.	1.1	15
40	Ameliorative potential of ferulic acid in vincristine-induced painful neuropathy in rats: An evidence of behavioral and biochemical examination. <i>Nutritional Neuroscience</i> , 2017, 20, 60-70.	1.5	52
41	Doxorubicin Hydrochloride Loaded Zymosan-Polyethylenimine Biopolymeric Nanoparticles for Dual α -Chemoimmunotherapeutic TM Intervention in Breast Cancer. <i>Pharmaceutical Research</i> , 2017, 34, 1857-1871.	1.7	13
42	Simultaneous LC-MS-MS Determination of Lopinavir and Rifaximin in Human Plasma. <i>Journal of Chromatographic Science</i> , 2017, 55, 617-624.	0.7	4
43	Quantification of highly selective sigma-1 receptor antagonist CM304 using liquid chromatography tandem mass spectrometry and its application to a pre-clinical pharmacokinetic study. <i>Drug Testing and Analysis</i> , 2017, 9, 1236-1242.	1.6	10
44	Model based population PK-PD analysis of furosemide for BP lowering effect: A comparative study in primary and secondary hypertension. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 253-261.	1.9	0
45	Effect of arteether and pyrimethamine coadministration on the pharmacokinetic and pharmacodynamic profile of ormeloxifene. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2017, 390, 971-976.	1.4	0
46	Preclinical pharmacokinetics and ADME characterization of a novel anticancer chalcone, cardamonin. <i>Drug Testing and Analysis</i> , 2017, 9, 1124-1136.	1.6	25
47	A combination of complexation and self-nanoemulsifying drug delivery system for enhancing oral bioavailability and anticancer efficacy of curcumin. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 847-861.	0.9	62
48	Insights into the pharmacokinetic properties of antitubercular drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2016, 12, 765-778.	1.5	3
49	PK-PD interaction study of angiotensin II antagonist, losartan, with selective estrogen receptor modulator, centchroman. <i>International Journal of Pharmacokinetics</i> , 2016, 1, 17-23.	0.5	1
50	Suspected Adulteration of Commercial Kratom Products with 7-Hydroxymitragynine. <i>Journal of Medical Toxicology</i> , 2016, 12, 341-349.	0.8	93
51	A mechanistic investigation of the bioavailability enhancing potential of lysergol, a novel bioenhancer, using curcumin. <i>RSC Advances</i> , 2016, 6, 58933-58942.	1.7	9
52	Identification of a diverse indole-2-carboxamides as a potent antileishmanial chemotypes. <i>European Journal of Medicinal Chemistry</i> , 2016, 110, 237-245.	2.6	19
53	Identification of gallic acid based glycoconjugates as a novel tubulin polymerization inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1338-1358.	1.5	25
54	Role of enterohepatic recirculation in drug disposition: cooperation and complications. <i>Drug Metabolism Reviews</i> , 2016, 48, 281-327.	1.5	45

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55	LC-coupled ESI MS for quantification of miltefosine in human and hamster plasma. <i>Bioanalysis</i> , 2016, 8, 533-545.	0.6	7
56	Identification of \hat{I}^2 -Amino alcohol grafted 1,4,5 trisubstituted 1,2,3-triazoles as potent antimalarial agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 187-198.	2.6	29
57	Rapid quantitative analysis of ormeloxifene and its active metabolite, 7-desmethyl ormeloxifene, in rat plasma using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 997, 7-15.	1.2	4
58	Gender-related pharmacokinetics and bioavailability of a novel anticancer chalcone, cardamonin, in rats determined by liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 986-987, 23-30.	1.2	14
59	Novel, potent, orally bioavailable and selective mycobacterial ATP synthase inhibitors that demonstrated activity against both replicating and non-replicating <i>M. tuberculosis</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 742-752.	1.4	45
60	HPLC-MS-MS Method Development and Validation of Antileishmanial Agent, S010-0269, in Hamster Serum. <i>Journal of Chromatographic Science</i> , 2015, 53, 1542-1548.	0.7	3
61	Coadministration of HMG-CoA reductase inhibitors, atorvastatin and rosuvastatin, does not affect contraceptive efficacy of centchroman. <i>European Journal of Contraception and Reproductive Health Care</i> , 2015, 20, 231-235.	0.6	0
62	Preclinical Evaluation of DMA, a Bisbenzimidazole, as Radioprotector: Toxicity, Pharmacokinetics, and Biodistribution Studies in Balb/c Mice. <i>Molecular Pharmacology</i> , 2015, 88, 768-778.	1.0	9
63	Dried blood spots: Concepts, present status, and future perspectives in bioanalysis. <i>Drug Testing and Analysis</i> , 2014, 6, 399-414.	1.6	124
64	Novel pre-clinical methodologies for pharmacokinetic drug-drug interaction studies: spotlight on \hat{a} -humanized-animal models. <i>Drug Metabolism Reviews</i> , 2014, 46, 475-493.	1.5	28
65	Identification of Novel Phenyl Butenonyl C-Glycosides with Ureidyl and Sulfonamidyl Moieties as Antimalarial Agents. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 878-883.	1.3	13
66	Discovery of a New Class of Natural Product-Inspired Quinazolinone Hybrid as Potent Antileishmanial agents. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4374-4392.	2.9	120
67	Synthesis and bioevaluation of novel 4-aminoquinoline-tetrazole derivatives as potent antimalarial agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 69-81.	2.6	61