

# Guru Raghavendra Valicherla

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

656  
citations

567281

15  
h-index

580821

25  
g-index

33  
all docs

33  
docs citations

33  
times ranked

918  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formulation optimization of Docetaxel loaded self-emulsifying drug delivery system to enhance bioavailability and anti-tumor activity. <i>Scientific Reports</i> , 2016, 6, 26895.	3.3	78
2	Molecular Understanding of the Compaction Behavior of Indomethacin Polymorphs. <i>Molecular Pharmaceutics</i> , 2013, 10, 631-639.	4.6	75
3	Novel lipid based oral formulation of curcumin: Development and optimization by design of experiments approach. <i>International Journal of Pharmaceutics</i> , 2012, 436, 617-623.	5.2	52
4	Pancreastatin inhibitor activates AMPK pathway via GRP78 and ameliorates dexamethasone induced fatty liver disease in C57BL/6 mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 116, 108959.	5.6	35
5	Evaluation of anti-hypertensive activity of <i>Ulmus wallichiana</i> extract and fraction in SHR, DOCA-salt- and L-NAME-induced hypertensive rats. <i>Journal of Ethnopharmacology</i> , 2016, 193, 555-565.	4.1	33
6	LC-MS/MS method for the simultaneous quantification of luteolin, wedelolactone and apigenin in mice plasma using Hansen solubility parameters for liquid-liquid extraction: Application to pharmacokinetics of <i>Eclipta alba</i> chloroform fraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1081-1082, 76-86.	2.3	33
7	Discovery of pancreastatin inhibitor PSTi8 for the treatment of insulin resistance and diabetes: studies in rodent models of diabetes mellitus. <i>Scientific Reports</i> , 2018, 8, 8715.	3.3	30
8	Pancreastatin is an endogenous peptide that regulates glucose homeostasis. <i>Physiological Genomics</i> , 2013, 45, 1060-1071.	2.3	29
9	Phospholipid complexation of NM1L118RT+: way to a prudent therapeutic approach for beneficial outcomes in ischemic stroke in rats. <i>Drug Delivery</i> , 2016, 23, 3606-3618.	5.7	26
10	Cardioprotective Effect of <i>Ulmus wallichiana</i> Planchon in $\beta$ -Adrenergic Agonist Induced Cardiac Hypertrophy. <i>Frontiers in Pharmacology</i> , 2016, 7, 510.	3.5	25
11	Rutin phospholipid complexes confer neuro-protection in ischemic-stroke rats. <i>RSC Advances</i> , 2016, 6, 96445-96454.	3.6	22
12	P-gp modulatory acetyl-11-keto- $\beta$ -boswellic acid based nanoemulsified carrier system for augmented oral chemotherapy of docetaxel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 155, 276-286.	5.0	22
13	Pancreastatin inhibitor, PSTi8 ameliorates metabolic health by modulating AKT/GSK-3 $\beta$ and PKC $\delta$ /SREBP1c pathways in high fat diet induced insulin resistance in peri-/post-menopausal rats. <i>Peptides</i> , 2019, 120, 170147.	2.4	19
14	Pancreastatin inhibitor PSTi8 attenuates hyperinsulinemia induced obesity and inflammation mediated insulin resistance via MAPK/NOX3-JNK pathway. <i>European Journal of Pharmacology</i> , 2019, 864, 172723.	3.5	17
15	Investigation of the inhibition of eight major human cytochrome P450 isozymes by a probe substrate cocktail in vitro with emphasis on CYP2E1. <i>Xenobiotica</i> , 2019, 49, 1396-1402.	1.1	16
16	Approaches to minimize the effects of P-glycoprotein in drug transport: A review. <i>Drug Development Research</i> , 2022, 83, 825-841.	2.9	16
17	Pharmacokinetics and bioavailability assessment of Miltefosine in rats using high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1031, 123-130.	2.3	15
18	A Novel Benzocoumarin-Stilbene Hybrid as a DNA ligase I inhibitor with in vitro and in vivo anti-tumor activity in breast cancer models. <i>Scientific Reports</i> , 2017, 7, 10715.	3.3	13

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19	Elucidation of pharmacokinetics of novel DNA ligase I inhibitor, S012-1332 in rats: Integration of in vitro and in vivo findings. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 162, 205-214.	2.8	11
20	Elucidation of plasma protein binding, blood partitioning, permeability, CYP phenotyping and CYP inhibition studies of Withanone using validated UPLC method: An active constituent of neuroprotective herb Ashwagandha. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113819.	4.1	11
21	Drug delivery strategies for management of women's health issues in the upper genital tract. <i>Advanced Drug Delivery Reviews</i> , 2021, 177, 113955.	13.7	11
22	Determination of permeability, plasma protein binding, blood partitioning, pharmacokinetics and tissue distribution of Withanolide A in rats: A neuroprotective steroidal lactone. <i>Drug Development Research</i> , 2018, 79, 339-351.	2.9	10
23	Pancreastatin inhibitor PSTi8 protects the obesity associated skeletal muscle insulin resistance in diet induced streptozotocin-treated diabetic mice. <i>European Journal of Pharmacology</i> , 2020, 881, 173204.	3.5	10
24	Pharmacokinetics, dose proportionality and permeability of S002-333 and its enantiomers, a potent antithrombotic agent, in rabbits. <i>Xenobiotica</i> , 2015, 45, 1016-1023.	1.1	9
25	No effect on pharmacokinetics of tamoxifen and 4-hydroxytamoxifen by multiple doses of red clover capsule in rats. <i>Scientific Reports</i> , 2015, 5, 16126.	3.3	6
26	UDP-galactopyranose mutase, a potential drug target against human pathogenic nematode <i>Brugia malayi</i> . <i>Pathogens and Disease</i> , 2016, 74, ftw072.	2.0	6
27	Expression, Activity, and Regulation of Phosphorylating Enzymes in Tissues and Cells Relevant to HIV-1 Sexual Transmission. <i>AIDS Research and Human Retroviruses</i> , 2022, 38, 22-32.	1.1	6
28	Metabolic profiling of a novel antithrombotic compound, S002-333 and enantiomers: metabolic stability, species comparison and in vitro-in vivo extrapolation. <i>Biopharmaceutics and Drug Disposition</i> , 2016, 37, 185-199.	1.9	5
29	LC-ESI-MS/MS assay development and validation of a novel antidiabetic peptide PSTi8 in mice plasma using SPE: An application to pharmacokinetics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 113074.	2.8	5
30	Development and validation of LC-MS/MS method for quantification of novel PP2A $\beta$ -catenin signalling inhibitor, S011-2111 in mice plasma: Application to its preclinical pharmacokinetic studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1130-1131, 121829.	2.3	4
31	Evaluation of oral pharmacokinetics, in vitro metabolism, blood partitioning and plasma protein binding of novel antidiabetic agent, S009-0629 in rats. <i>Drug Development Research</i> , 2018, 79, 173-183.	2.9	3
32	Evaluation of the Pharmacokinetics of the Pancreastatin Inhibitor PSTi8 Peptide in Rats: Integration of In Vitro and In Vivo Findings. <i>Molecules</i> , 2022, 27, 339.	3.8	2
33	Investigating the Contribution of Drug-Metabolizing Enzymes in Drug-Drug Interactions of Dapivirine and Miconazole. <i>Pharmaceutics</i> , 2021, 13, 2193.	4.5	1