

# Sheelendra Singh

## List of Publications by Year in descending order

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54  
papers

1,411  
citations

331670

21  
h-index

345221

36  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytochrome P450 isoforms contribution, plasma protein binding, toxicokinetics of enniatin A in rats and in vivo clearance prediction in humans. <i>Food and Chemical Toxicology</i> , 2022, 164, 112988.	3.6	4
2	Label-free plasma proteomics for the identification of the putative biomarkers of oral squamous cell carcinoma. <i>Journal of Proteomics</i> , 2022, 259, 104541.	2.4	10
3	Plasma protein binding, metabolism, reaction phenotyping and toxicokinetic studies of fenarimol after oral and intravenous administration in rats. <i>Xenobiotica</i> , 2021, 51, 72-81.	1.1	4
4	Occurrence of Alternariol and Alternariolmonomethyl ether in edible oils: Their thermal stability and intake assessment in state of Uttar Pradesh, India. <i>Journal of Food Science</i> , 2021, 86, 1124-1131.	3.1	3
5	Determination of Bisphenol Analogues in Infant Formula Products from India and Evaluating the Health Risk in Infants Associated with Their Exposure. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3932-3941.	5.2	19
6	Investigating the glucuronidation and sulfation pathways contribution and disposition kinetics of Bisphenol S and its metabolites using LC-MS/MS-based nonenzymatic hydrolysis method. <i>Chemosphere</i> , 2021, 273, 129624.	8.2	8
7	Plausible drug interaction between cyclophosphamide and voriconazole via inhibition of CYP2B6. <i>Drug Metabolism and Pharmacokinetics</i> , 2021, 39, 100396.	2.2	5
8	Iron nanoparticles decorated hierarchical carbon fiber forest for the magnetic solid-phase extraction of multi-pesticide residues from water samples. <i>Chemosphere</i> , 2021, 282, 131058.	8.2	17
9	Efficient antileishmanial activity of amphotericin B and piperine entrapped in enteric coated guar gum nanoparticles. <i>Drug Delivery and Translational Research</i> , 2021, 11, 118-130.	5.8	34
10	Candle soot derived carbon nanoparticles: An assessment of cellular and progressive toxicity using <i>Drosophila melanogaster</i> model. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2020, 228, 108646.	2.6	22
11	Carbon nanomaterials integrated molecularly imprinted polymers for biological sample analysis: A critical review. <i>Materials Chemistry and Physics</i> , 2020, 239, 121966.	4.0	71
12	Bioavailability, tissue distribution and excretion studies of a potential anti-osteoporotic agent, medicarpin, in female rats using validated LC-MS/MS method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 180, 112978.	2.8	5
13	CVD grown carbon nanofibers: an efficient DSPE sorbent for cleanup of multi-class pesticide residue in high fat and low water commodities by QuEChERS using GC-ECD. <i>Mikrochimica Acta</i> , 2020, 187, 490.	5.0	13
14	Effective elimination of endocrine disrupting bisphenol A and S from drinking water using phenolic resin-based activated carbon fiber: Adsorption, thermodynamic and kinetic studies. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 14, 100316.	2.9	16
15	Recent Advances in Micro-extraction Based Analytical Approaches for Pesticides Analysis in Environmental Samples. <i>Energy, Environment, and Sustainability</i> , 2020, , 281-318.	1.0	4
16	Recent advancement of carbon nanomaterials engrained molecular imprinted polymer for environmental matrix. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 27, e00092.	10.3	42
17	Cerium oxide-catalyzed chemical vapor deposition grown carbon nanofibers for electrochemical detection of Pb(II) and Cu(II). <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103250.	6.7	38
18	LC-ESI-MS/MS method for the simultaneous determination of isoformononetin, daidzein, and equol in rat plasma: Application to a preclinical pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1129, 121776.	2.3	15

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19	Development and Validation of the Ultra Performance Liquid Chromatography-Tandem Mass Spectrometer Method for Quantification of Methylencyclopropylglycine in Litchi Fruits Using the Standard Addition Method. <i>Food Analytical Methods</i> , 2019, 12, 2086-2093.	2.6	1
20	Methylencyclopropyl glycine, not pesticide exposure as the primary etiological factor underlying hypoglycemic encephalopathy in Muzaffarpur, India. <i>Toxicology Letters</i> , 2019, 301, 34-41.	0.8	11
21	Candle soot derived carbon nanoparticles: Assessment of physico-chemical properties, cytotoxicity and genotoxicity. <i>Chemosphere</i> , 2019, 214, 130-135.	8.2	23
22	Inexpensive, effective novel activated carbon fibers for sample cleanup: application to multipesticide residue analysis in food commodities using a QuEChERS method. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 2241-2251.	3.7	30
23	Species differences between rat and human in vitro metabolite profile, in vivo predicted clearance, CYP450 inhibition and CYP450 isoforms that metabolize benzanthrone: Implications in risk assessment. <i>Food and Chemical Toxicology</i> , 2018, 111, 94-101.	3.6	14
24	Presence of Zearalenone in Cereal Grains and Its Exposure Risk Assessment in Indian Population. <i>Journal of Food Science</i> , 2018, 83, 3126-3133.	3.1	26
25	Waste candle soot derived nitrogen doped carbon dots based fluorescent sensor probe: An efficient and inexpensive route to determine Hg(II) and Fe(III) from water. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 5561-5569.	6.7	53
26	Simultaneous determination of multiclass pesticide residues in human plasma using a mini QuEChERS method. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3757-3765.	3.7	35
27	Bioanalysis of antitubercular drugs using liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 134, 295-309.	2.8	8
28	Validation of a Rapid and Sensitive UPLC-MS-MS Method Coupled with Protein Precipitation for the Simultaneous Determination of Seven Pyrethroids in 100 $\mu$ L of Rat Plasma by Using Ammonium Adduct as Precursor Ion. <i>Journal of Analytical Toxicology</i> , 2016, 40, 213-221.	2.8	12
29	Development and validation of an LC-MS/MS method for simultaneous determination of piperazine and 97, the active metabolite of CDRI 97, in rat plasma and its application in interaction study. <i>Drug Testing and Analysis</i> , 2016, 8, 221-227.	2.6	4
30	Assessment of pharmacokinetic compatibility of short acting CDRI candidate trioxane derivative, 99, with long acting prescription antimalarials, lumefantrine and piperazine. <i>Scientific Reports</i> , 2015, 5, 17264.	3.3	3
31	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
32	Absorption and cleavage of enalapril, a carboxyl ester prodrug, in the rat intestine: in vitro, in situ intestinal perfusion and portal vein cannulation models. <i>Biopharmaceutics and Drug Disposition</i> , 2015, 36, 385-397.	1.9	14
33	Simultaneous determination of centchroman and tamoxifen along with their metabolites in rat plasma using LC-MS/MS. <i>Bioanalysis</i> , 2015, 7, 967-979.	1.5	18
34	Trans-Blood Brain Barrier Delivery of Dopamine-Loaded Nanoparticles Reverses Functional Deficits in Parkinsonian Rats. <i>ACS Nano</i> , 2015, 9, 4850-4871.	14.6	191
35	In vivo prediction of CYP-mediated metabolic interaction potential of formononetin and biochanin A using in vitro human and rat CYP450 inhibition data. <i>Toxicology Letters</i> , 2015, 239, 1-8.	0.8	46
36	Investigation of the Functional Role of P-Glycoprotein in Limiting the Oral Bioavailability of Lumefantrine. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 489-494.	3.2	45

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37	Dried blood spots in bioanalysis of antimalarials: relevance and challenges in quantitative assessment of antimalarial drugs. <i>Bioanalysis</i> , 2013, 5, 2171-2186.	1.5	30
38	Utility of noninvasive biomatrices in pharmacokinetic studies. <i>Biomedical Chromatography</i> , 2013, 27, 1354-1366.	1.7	41
39	Characterization of Recombinantly Expressed Rat and Monkey Intestinal Alkaline Phosphatases: In Vitro Studies and In Vivo Correlations. <i>Drug Metabolism and Disposition</i> , 2013, 41, 1425-1432.	3.3	6
40	Isoformononetin, a methoxydaidzein present in medicinal plants, reverses bone loss in osteopenic rats and exerts bone anabolic action by preventing osteoblast apoptosis. <i>Phytomedicine</i> , 2013, 20, 470-480.	5.3	30
41	Reduced Bioavailability of Tamoxifen and its Metabolite 4-Hydroxytamoxifen After Oral Administration with Biochanin A (an Isoflavone) in Rats. <i>Phytotherapy Research</i> , 2012, 26, 303-307.	5.8	22
42	Gender differences in pharmacokinetics of lumefantrine and its metabolite desbutyl-lumefantrine in rats. <i>Biopharmaceutics and Drug Disposition</i> , 2012, 33, 229-234.	1.9	14
43	PAMPA permeability, plasma protein binding, blood partition, pharmacokinetics and metabolism of formononetin, a methoxylated isoflavone. <i>Food and Chemical Toxicology</i> , 2011, 49, 1056-1062.	3.6	31
44	Liquid chromatography-mass spectrometry method for the quantification of tamoxifen and its metabolite 4-hydroxytamoxifen in rat plasma: Application to interaction study with biochanin A (an isoflavone) in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2845-2851.	2.3	15
45	Quantitation of Lumefantrine in Biological Matrices. <i>Current Pharmaceutical Analysis</i> , 2011, 7, 42-46.	0.6	2
46	Permeability determination and pharmacokinetic study of nobiletin in rat plasma and brain by validated high-performance liquid chromatography method. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 82, 1206-1214.	2.2	63
47	Intravenous pharmacokinetics and oral bioavailability of biochanin A in female rats. <i>Medicinal Chemistry Research</i> , 2011, 20, 1627-1631.	2.4	12
48	Differential effects of formononetin and cladrin on osteoblast function, peak bone mass achievement and bioavailability in rats. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 318-327.	4.2	69
49	Prediction of human absorption of a trioxane antimalarial drug (CDRI 99/411) using an in-house validated in situ single-pass intestinal perfusion model. <i>Arzneimittelforschung</i> , 2011, 61, 532-537.	0.4	6
50	Quantitative determination of formononetin and its metabolite in rat plasma after intravenous bolus administration by HPLC coupled with tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 391-397.	2.3	23
51	A novel flavonoid, 6-C- $\beta$ -D-glucopyranosyl-(2S,3S)-(+)-3,4,5,7-tetrahydroxyflavanone, isolated from <i>Ulmus wallichiana</i> Planchon mitigates ovariectomy-induced osteoporosis in rats. <i>Menopause</i> , 2010, 17, 577-586.	2.0	21
52	Determination of lumefantrine in rat plasma by liquid-liquid extraction using LC-MS/MS with electrospray ionization: Assay development, validation and application to a pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 1133-1139.	2.3	39
53	Development and validation of a rapid, sensitive liquid chromatography-tandem mass spectrometry method using electrospray ionization for quantitation of centchroman in rat plasma and its application to preclinical pharmacokinetic study. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 876, 1-7.	2.3	16
54	Gugulipid, an extract of <i>Commiphora whightii</i> with lipid-lowering properties, has protective effects against streptozotocin-induced memory deficits in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2007, 86, 797-805.	2.9	101