

Suramyia Waidyanatha

List of Publications by Year in descending order

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87
papers

1,141
citations

471509

17
h-index

477307

29
g-index

89
all docs

89
docs citations

89
times ranked

1445
citing authors

#	ARTICLE	IF	CITATIONS
1	Validated Gas Chromatography $\hat{\text{e}}$ Mass Spectrometry (GC-MS) Method for Simultaneous Quantitation of Tris(4-Chlorophenyl)Methane and Tris(4-Chlorophenyl)Methanol in Rat Plasma and Fetus. <i>Analytical Letters</i> , 2022, 55, 539-554.	1.8	0
2	Development and Validation of an Ultraperformance Liquid Chromatography-Tandem Mass Spectrometry Method for Quantitation of Total 3,3 $\hat{\text{e}}$ ™,5-triiodo-L-Thyronine and 3,3 $\hat{\text{e}}$ ™,5,5 $\hat{\text{e}}$ ™-tetraiodo-L-Thyronine in Rodent Serum. <i>Analytical Letters</i> , 2022, 55, 796-811.	1.8	2
3	Working with the natural complexity: Selection and characterization of black cohosh root extract for use in toxicology testing. <i>Food and Chemical Toxicology</i> , 2022, 160, 112769.	3.6	3
4	Plasma concentrations of tris(1-chloro-2-propyl) phosphate and a metabolite bis(2-chloroisopropyl) 1-carboxyethyl phosphate in Sprague-Dawley rats and B6C3F1/N mice from a chronic study of tris(chloropropyl) phosphate via feed. <i>Toxicology Reports</i> , 2022, 9, 690-698.	3.3	2
5	Systemic exposure and urinary excretion of vanadium following perinatal subchronic exposure to vanadyl sulfate and sodium metavanadate via drinking water. <i>Toxicology Letters</i> , 2022, 360, 53-61.	0.8	3
6	Validation of Analytical Method for Determination of Thallium in Rodent Plasma and Tissues by Inductively Coupled Plasma $\hat{\text{e}}$ ™ Mass Spectrometry (ICP-MS). <i>Analytical Letters</i> , 2022, 55, 1269-1280.	1.8	4
7	Development and Validation of an Analytical Method to Quantitate Hydroxycitric Acid, the Key Constituent in <i>Garcinia cambogia</i> Extract, in Rodent Plasma and Fetus. <i>Analytical Letters</i> , 2022, 55, 1-16.	1.8	1
8	The common indoor air pollutant $\hat{\text{e}}$ -pinene is metabolised to a genotoxic metabolite $\hat{\text{e}}$ -pinene oxide. <i>Xenobiotica</i> , 2022, 52, 301-311.	1.1	3
9	The Tox21 10K Compound Library: Collaborative Chemistry Advancing Toxicology. <i>Chemical Research in Toxicology</i> , 2021, 34, 189-216.	3.3	145
10	Tolerability and age $\hat{\text{e}}$ dependent toxicokinetics following perinatal hydroxyurea treatment in Sprague Dawley rats. <i>Journal of Applied Toxicology</i> , 2021, 41, 1007-1020.	2.8	5
11	An investigation of systemic exposure to bisphenol AF during critical periods of development in the rat. <i>Toxicology and Applied Pharmacology</i> , 2021, 411, 115369.	2.8	2
12	Comparative toxicokinetics of bisphenol S and bisphenol AF in male rats and mice following repeated exposure via feed. <i>Xenobiotica</i> , 2021, 51, 210-221.	1.1	4
13	Development and Validation of an Analytical Method for Quantitation of Alpha-Pinene Oxide in Rodent Blood and Mammary Glands by GC $\hat{\text{e}}$ ™MS. <i>Journal of Analytical Toxicology</i> , 2021, , .	2.8	2
14	Internal dose of vanadium in rats following repeated exposure to vanadyl sulfate and sodium orthovanadate via drinking water. <i>Toxicology and Applied Pharmacology</i> , 2021, 412, 115395.	2.8	4
15	Oral deoxynivalenol toxicity in Harlan Sprague Dawley (Hsd:Sprague Dawley $\hat{\text{e}}$ ™ SD $\hat{\text{e}}$ ™) rat dams and their offspring. <i>Food and Chemical Toxicology</i> , 2021, 148, 111963.	3.6	3
16	Quantitation of Total Vanadium in Rodent Plasma and Urine by Inductively Coupled Plasma $\hat{\text{e}}$ ™ Mass Spectrometry (ICP-MS). <i>Analytical Letters</i> , 2021, 54, 2777-2788.	1.8	4
17	Disposition and metabolism of ethylene glycol 2-ethylhexyl ether in Sprague Dawley rats, B6C3F1/N mice, and <i>in vitro</i> in rat hepatocytes. <i>Xenobiotica</i> , 2021, 51, 1-14.	1.1	0
18	Toxicokinetic evaluation of the common indoor air pollutant, $\hat{\text{e}}$ -pinene, and its potential reactive metabolite, $\hat{\text{e}}$ -pinene oxide, following inhalation exposure in rodents. <i>Toxicology and Applied Pharmacology</i> , 2021, 418, 115496.	2.8	2

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19	Phenolic benzotriazoles: a class comparison of toxicokinetics of ultraviolet-light absorbers in male rats. <i>Xenobiotica</i> , 2021, 51, 831-841.	1.1	2
20	Exploration of xenobiotic metabolism within cell lines used for Tox21 chemical screening. <i>Toxicology in Vitro</i> , 2021, 73, 105109.	2.4	10
21	Response to Letter to the Editor regarding "Comparison of phytochemical composition of Ginkgo biloba extracts using a combination of non-targeted and targeted analytical approaches". <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7627-7629.	3.7	0
22	Disposition and metabolism of sulfolane in Harlan Sprague Dawley rats and B6C3F1/N mice and in vitro in hepatocytes from rats, mice, and humans. <i>Xenobiotica</i> , 2020, 50, 442-453.	1.1	11
23	Metabolism and disposition of 2-hydroxy-4-methoxybenzophenone, a sunscreen ingredient, in Harlan Sprague Dawley rats and B6C3F1/N mice; a species and route comparison. <i>Xenobiotica</i> , 2020, 50, 689-704.	1.1	5
24	Toxicokinetics of perfluorohexanoic acid (PFHxA), perfluorooctanoic acid (PFOA) and perfluorodecanoic acid (PFDA) in male and female Hsd:Sprague dawley SD rats following intravenous or gavage administration. <i>Xenobiotica</i> , 2020, 50, 722-732.	1.1	31
25	Disposition and metabolism of N-butylbenzenesulfonamide in Sprague Dawley rats and B6C3F1/N mice and in vitro in hepatocytes from rats, mice, and humans. <i>Toxicology Letters</i> , 2020, 319, 225-236.	0.8	5
26	Hepatic Transcriptomic Patterns in the Neonatal Rat After Pentabromodiphenyl Ether Exposure. <i>Toxicologic Pathology</i> , 2020, 48, 338-349.	1.8	4
27	Disposition and metabolism of 2,2'-Dithiobisbenzanilide in rodents following intravenous and oral administration and dermal application. <i>Toxicology Reports</i> , 2020, 7, 883-892.	3.3	1
28	Butylparaben multigenerational reproductive assessment by continuous breeding in Hsd:Sprague Dawley SD rats following dietary exposure. <i>Reproductive Toxicology</i> , 2020, 96, 258-272.	2.9	10
29	Disposition and metabolism of 2,2'-dimorpholinodiethyl ether in sprague dawley rats and B6C3F1/N mice after oral, intravenous administration, and dermal application. <i>Xenobiotica</i> , 2020, 50, 1341-1351.	1.1	1
30	Single Nucleotide Resolution Analysis Reveals Pervasive, Long-Lasting DNA Methylation Changes by Developmental Exposure to a Mitochondrial Toxicant. <i>Cell Reports</i> , 2020, 32, 108131.	6.4	22
31	Comparison of phytochemical composition of Ginkgo biloba extracts using a combination of non-targeted and targeted analytical approaches. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6789-6809.	3.7	14
32	Qualitative and Quantitative Neuropathology Approaches Using Magnetic Resonance Microscopy (Diffusion Tensor Imaging) and Stereology in a Hexachlorophene Model of Myelinopathy in Sprague-Dawley Rats. <i>Toxicologic Pathology</i> , 2020, 48, 965-980.	1.8	4
33	Comparative toxicokinetics of bisphenol S in rats and mice following gavage administration. <i>Toxicology and Applied Pharmacology</i> , 2020, 406, 115207.	2.8	6
34	Postnatal Effects of Gestational and Lactational Gavage Exposure to Boric Acid in the Developing Sprague Dawley Rat. <i>Toxicological Sciences</i> , 2020, 176, 65-73.	3.1	6
35	Disposition and metabolism of antibacterial agent, triclocarban, in rodents; a species and route comparison. <i>Xenobiotica</i> , 2020, 50, 1469-1482.	1.1	2
36	Evaluation of 5-day In Vivo Rat Liver and Kidney With High-throughput Transcriptomics for Estimating Benchmark Doses of Apical Outcomes. <i>Toxicological Sciences</i> , 2020, 176, 343-354.	3.1	45

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37	Comparative toxicokinetics of Trans-resveratrol and its major metabolites in Harlan Sprague Dawley rats and B6C3F1/N mice following oral and intravenous administration. <i>Toxicology and Applied Pharmacology</i> , 2020, 394, 114962.	2.8	11
38	Short-term perinatal toxicity study in sprague Dawley rats with the plasticizer and emerging contaminant N-Butylbenzenesulfonamide. <i>Toxicology Letters</i> , 2020, 330, 159-166.	0.8	4
39	Multigenerational reproductive assessment of 4-methylimidazole administered in the diet to Hsd:Sprague Dawley SD rats. <i>Reproductive Toxicology</i> , 2020, 98, 13-28.	2.9	5
40	Toxicokinetics of the plasticizer, N-butylbenzenesulfonamide, in plasma and brain following oral exposure in rodents: Route, species, and sex comparison. <i>Toxicology Reports</i> , 2020, 7, 711-722.	3.3	2
41	A strategy for test article selection and phytochemical characterization of Echinacea purpurea extract for safety testing. <i>Food and Chemical Toxicology</i> , 2020, 137, 111125.	3.6	23
42	Toxicokinetics and bioavailability of sulfolane, a ground water contaminant, following oral and intravenous administration in rodents: A dose, species, and sex comparison. <i>Toxicology and Applied Pharmacology</i> , 2019, 379, 114690.	2.8	6
43	Evaluating Sufficient Similarity of Botanical Dietary Supplements: Combining Chemical and In Vitro Biological Data. <i>Toxicological Sciences</i> , 2019, 172, 316-329.	3.1	15
44	Systemic exposure to Ginkgo biloba extract in male F344/NCrl rats: Relevance to humans. <i>Food and Chemical Toxicology</i> , 2019, 131, 110586.	3.6	8
45	Toxicokinetics and bioavailability of bisphenol AF following oral administration in rodents: A dose, species, and sex comparison. <i>Toxicology and Applied Pharmacology</i> , 2019, 373, 39-47.	2.8	10
46	Disposition of <i>trans</i> -(4-chlorophenyl)methanol and <i>trans</i> -(4-chlorophenyl)methane in male and female Harlan Sprague Dawley rats and B6C3F1/N mice following oral and intravenous administration. <i>Xenobiotica</i> , 2019, 49, 484-494.	1.1	1
47	Black cohosh extracts and powders induce micronuclei, a biomarker of genetic damage, in human cells. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 416-426.	2.2	9
48	Disposition of β -N-methylamino-L-alanine (L-BMAA), a neurotoxin, in rodents following a single or repeated oral exposure. <i>Toxicology and Applied Pharmacology</i> , 2018, 339, 151-160.	2.8	13
49	Clarification and lessons learned for reporting studies with hydrates. Citation: Roberts et al., 2016. <i>Toxicology Reports</i> 3: 531-538. <i>Toxicology Reports</i> , 2018, 5, 207-208.	3.3	2
50	Embryo-fetal development studies with the dietary supplement vinpocetine in the rat and rabbit. <i>Birth Defects Research</i> , 2018, 110, 883-896.	1.5	8
51	Disposition of [14 C]hydroquinone in Harlan Sprague-Dawley rats and B6C3F1/N mice: species and route comparison. <i>Xenobiotica</i> , 2018, 48, 1128-1141.	1.1	6
52	Metabolism and disposition of 2-ethylhexyl-p-methoxycinnamate following oral gavage and dermal exposure in Harlan Sprague Dawley rats and B6C3F1/N mice and in hepatocytes <i>in vitro</i> .	1.1	7
53	Systemic exposure of vinpocetine in pregnant Sprague Dawley rats following repeated oral exposure: An investigation of fetal transfer. <i>Toxicology and Applied Pharmacology</i> , 2018, 338, 83-92.	2.8	5
54	Mutational analysis of pentabrominated diphenyl-induced hepatocellular tumors in rats and mice, tissue levels of PBDE congeners in rats and mice, and AhR genotyping of Wistar Han rats. <i>Data in Brief</i> , 2018, 21, 2125-2128.	1.0	4

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55	Response to the letter to the editor for embryo-fetal development studies with the dietary supplement vinpocetine in the rat and rabbit. Birth Defects Research, 2018, 110, 1374-1375.	1.5	1
56	Follow that botanical: Challenges and recommendations for assessing absorption, distribution, metabolism and excretion of botanical dietary supplements. Food and Chemical Toxicology, 2018, 121, 194-202.	3.6	14
57	Disposition and metabolism of the bisphenol analogue, bisphenol S, in Harlan Sprague Dawley rats and B6C3F1/N mice and in vitro in hepatocytes from rats, mice, and humans. Toxicology and Applied Pharmacology, 2018, 351, 32-45.	2.8	21
58	Reduced Disc Shedding and Phagocytosis of Photoreceptor Outer Segment Contributes to Kava Kava Extract-induced Retinal Degeneration in F344/N Rats. Toxicologic Pathology, 2018, 46, 564-573.	1.8	4
59	How similar is similar enough? A sufficient similarity case study with Ginkgo biloba extract. Food and Chemical Toxicology, 2018, 118, 328-339.	3.6	32
60	Getting to the Root of the Matter: Challenges and Recommendations for Assessing the Safety of Botanical Dietary Supplements. Clinical Pharmacology and Therapeutics, 2018, 104, 429-431.	4.7	12
61	From the Cover: Three-Dimensional (3D) HepaRG Spheroid Model With Physiologically Relevant Xenobiotic Metabolism Competence and Hepatocyte Functionality for Liver Toxicity Screening. Toxicological Sciences, 2017, 159, 124-136.	3.1	85
62	A Black Cohosh Extract Causes Hematologic and Biochemical Changes Consistent with a Functional Cobalamin Deficiency in Female B6C3F1/N Mice. Toxicologic Pathology, 2017, 45, 614-623.	1.8	8
63	Characterization of Zinc Carbonate Basic as a Source of Zinc in a Rodent Study Investigating the Effects of Dietary Deficiency or Excess. Analytical Letters, 2017, 50, 2447-2464.	1.8	5
64	Evaluation of 4-methylcyclohexanemethanol (MCHM) in a combined irritancy and Local Lymph Node Assay (LLNA) in mice. Food and Chemical Toxicology, 2017, 105, 99-105.	3.6	0
65	Evaluation of the respiratory tract toxicity of ortho-phthalaldehyde, a proposed alternative for the chemical disinfectant glutaraldehyde. Inhalation Toxicology, 2017, 29, 414-427.	1.6	10
66	Characterization of aqueous formulations of tetra- and pentavalent forms of vanadium in support of test article selection in toxicology studies. Environmental Science and Pollution Research, 2017, 24, 405-416.	5.3	20
67	Simultaneous Quantitation of 2-Hydroxy-4-Methoxybenzophenone, a Sunscreen Ingredient, and its Metabolites in Harlan Sprague Dawley Rat Plasma Following Perinatal Dietary Exposure. Journal of Analytical Toxicology, 2017, 41, 744-754.	2.8	10
68	Exposure to butyl paraben during gestation and lactation in Hsd:Sprague dawley SD rats via dosed feed. Toxicology Reports, 2016, 3, 774-783.	3.3	8
69	14-day toxicity studies of tetravalent and pentavalent vanadium compounds in Harlan Sprague Dawley rats and B6C3F1/N mice via drinking water exposure. Toxicology Reports, 2016, 3, 531-538.	3.3	18
70	Dermal Exposure to Cumene Hydroperoxide. Toxicologic Pathology, 2016, 44, 749-762.	1.8	9
71	Disposition of bisphenol AF, a bisphenol A analogue, in hepatocytes in vitro and in male and female Harlan Sprague-Dawley rats and B6C3F1/N mice following oral and intravenous administration. Xenobiotica, 2015, 45, 811-819.	1.1	21
72	Systemic uptake, albumin and hemoglobin binding of [14C]2,3-butanedione administered by intratracheal instillation in male Harlan Sprague Dawley rats and oropharyngeal aspiration in male B6C3F1/N mice. Chemico-Biological Interactions, 2015, 227, 112-119.	4.0	12

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73	Disposition of fragrance ingredient [¹⁴ C]1-(1,2,3,4,5,6,7,8-octahydro-2,3,8,8-tetramethyl-2-naphthalenyl)ethanone in male Fisher rats following oral administration and dermal application. <i>Xenobiotica</i> , 2014, 44, 749-756.	1.1	0
74	Formation of Epichlorohydrin, a Known Rodent Carcinogen, Following Oral Administration of 1,3-Dichloro-2-propanol in Rats. <i>Chemical Research in Toxicology</i> , 2014, 27, 1787-1795.	3.3	11
75	Metabolism and disposition of [14C]dimethylamine borane in male Harlan Sprague Dawley rats following gavage administration, intravenous administration and dermal application. <i>Xenobiotica</i> , 2014, 44, 36-47.	1.1	1
76	Toxicokinetics of $\hat{1}\pm$ -thujone following intravenous and gavage administration of $\hat{1}\pm$ -thujone or $\hat{1}\pm$ - and $\hat{2}$ -thujone mixture in male and female F344/N rats and B6C3F1 mice. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 216-228.	2.8	18
77	Metabolism and disposition of [14C]n-butyl-p-hydroxybenzoate in male and female Harlan Sprague Dawley rats following oral administration and dermal application. <i>Xenobiotica</i> , 2013, 43, 169-181.	1.1	9
78	Metabolism and disposition of 2-methoxy-4-nitroaniline in male and female Harlan Sprague Dawley rats and B6C3F ₁ /N mice. <i>Xenobiotica</i> , 2012, 42, 1213-1224.	1.1	1
79	Hemoglobin and albumin adducts of naphthalene-1,2-oxide, 1,2-naphthoquinone and 1,4-naphthoquinone in Swiss Webster mice. <i>Chemico-Biological Interactions</i> , 2008, 172, 105-114.	4.0	20
80	Investigation of cysteinyl protein adducts of benzene diolepoxide. <i>Chemico-Biological Interactions</i> , 2005, 153-154, 261-266.	4.0	6
81	Characterization and Quantification of Cysteinyl Adducts of Benzene Diol Epoxide. <i>Chemical Research in Toxicology</i> , 2005, 18, 1178-1185.	3.3	8
82	Rapid determination of six urinary benzene metabolites in occupationally exposed and unexposed subjects. <i>Analytical Biochemistry</i> , 2004, 327, 184-199.	2.4	88
83	Measurement of hemoglobin and albumin adducts of naphthalene-1,2-oxide, 1,2-naphthoquinone and 1,4-naphthoquinone after administration of naphthalene to F344 rats. <i>Chemico-Biological Interactions</i> , 2002, 141, 189-210.	4.0	61
84	Albumin adducts of benzene oxide and 1,4-benzoquinone as measures of human benzene metabolism. <i>Cancer Research</i> , 2002, 62, 1330-7.	0.9	64
85	Measurement of styrene-7,8-oxide and other oxidation products of styrene in air. <i>Journal of Environmental Monitoring</i> , 2000, 2, 111-117.	2.1	9
86	Formation of Hemoglobin and Albumin Adducts of Benzene Oxide in Mouse, Rat, and Human Blood. <i>Chemical Research in Toxicology</i> , 1998, 11, 302-310.	3.3	44
87	Quantitation of Phenolic Benzotriazole Class Compounds in Plasma by Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS). <i>Analytical Letters</i> , 0, , 1-15.	1.8	0