

# Reshan A Fernando

## List of Publications by Year in descending order

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45  
papers

1,048  
citations

840776

11  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Hair Mercury Levels in U.S. Children and Women of Childbearing Age: Reference Range Data from NHANES 1999-2000. <i>Environmental Health Perspectives</i> , 2004, 112, 1165-1171.	6.0	309
2	DNA Damage in Nasal and Brain Tissues of Canines Exposed to Air Pollutants Is Associated with Evidence of Chronic Brain Inflammation and Neurodegeneration. <i>Toxicologic Pathology</i> , 2003, 31, 524-538.	1.8	281
3	Exposure to Hexavalent Chromium Resulted in Significantly Higher Tissue Chromium Burden Compared With Trivalent Chromium Following Similar Oral Doses to Male F344/N Rats and Female B6C3F1 Mice. <i>Toxicological Sciences</i> , 2010, 118, 368-379.	3.1	67
4	Development and application of a robust speciation method for determination of six arsenic compounds present in human urine.. <i>Environmental Health Perspectives</i> , 2003, 111, 293-296.	6.0	39
5	Selection of a suitable mobile phase for the speciation of four arsenic compounds in drinking water samples using ion-exchange chromatography coupled to inductively coupled plasma mass spectrometry. <i>Environment International</i> , 2002, 28, 277-283.	10.0	34
6	Determination of Metals in Composite Diet Samples by Inductively Coupled Plasma-Mass Spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , 2003, 86, 439-448.	1.5	34
7	Sample Preparation, Extraction Efficiency, and Determination of Six Arsenic Species Present in Food Composites. <i>Journal of Agricultural and Food Chemistry</i> , 2003, 51, 4180-4184.	5.2	28
8	Role of Autophagy in Cadmium-Induced Hepatotoxicity and Liver Diseases. <i>Journal of Toxicology</i> , 2021, 2021, 1-14.	3.0	27
9	Development, validation, and application of an ultra-performance liquid chromatography- sector field inductively coupled plasma mass spectrometry method for simultaneous determination of six organotin compounds in human serum. <i>Talanta</i> , 2015, 140, 115-121.	5.5	18
10	Continuum source atomic absorption spectrometry in an air-acetylene flame with improved detection limits. <i>Analytical Chemistry</i> , 1992, 64, 1556-1560.	6.5	16
11	Gestational Mercury Vapor Exposure and Diet Contribute to Mercury Accumulation in Neonatal Rats. <i>Environmental Health Perspectives</i> , 2006, 114, 735-739.	6.0	16
12	Determination of Silicone in Breast Tissue by Graphite Furnace Continuum Source Atomic Absorption Spectrometry. <i>Applied Spectroscopy</i> , 1993, 47, 1577-1579.	2.2	11
13	Trace Element Content of Senna Study Material and Selected Senna-Based Dietary Supplements as Determined by Inductively Coupled Plasma-Optical Emission Spectrometry and Inductively Coupled Plasma-Mass Spectrometry. <i>Communications in Soil Science and Plant Analysis</i> , 2004, 35, 835-851.	1.4	11
14	Determination of L-Ephedrine, Pseudoephedrine, and Caffeine in Rat Plasma by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2011, 35, 341-348.	2.8	11
15	Determination of Cadmium in Urine by Continuum Source Atomic Absorption Spectrometry. <i>Applied Spectroscopy</i> , 1993, 47, 1696-1699.	2.2	10
16	Development and Validation of a High- Throughput Method for the Determination of Titanium Dioxide in Rodent Lung and Lung-Associated Lymph Node Tissues. <i>Analytical Letters</i> , 2003, 36, 563-576.	1.8	10
17	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
18	Continuum-source graphite-furnace atomic absorption spectrometry with photodiode array detection. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1994, 49, 615-626.	2.9	8

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19	DEVELOPMENT AND VALIDATION OF A METHOD FOR THE DETERMINATION OF MERCURY IN SMALL RAT BRAIN TISSUE SAMPLES BY COLD VAPOR ATOMIC FLUORESCENCE SPECTROMETRY. <i>Analytical Letters</i> , 2002, 35, 1505-1517.	1.8	7
20	Validation and Application of a Method for the Determination of Total Chromium in Rat Tissues by Inductively Coupled Plasma Mass Spectrometry. <i>Archives of Environmental Contamination and Toxicology</i> , 2010, 58, 883-891.	4.1	7
21	Blood lead levels in North Carolina painters. <i>Human and Experimental Toxicology</i> , 1995, 14, 456-461.	2.2	6
22	Determination of Lovastatin Hydroxy Acid in Female B6C3F1 Mouse Serum. <i>Journal of Analytical Toxicology</i> , 2008, 32, 248-252.	2.8	6
23	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
24	Comparative toxicokinetics of bisphenol S in rats and mice following gavage administration. <i>Toxicology and Applied Pharmacology</i> , 2020, 406, 115207.	2.8	6
25	Validation of a Method for the Determination of Total Chromium in Rat Feces by Inductively Coupled Plasma Optical Emission Spectrometry. <i>Analytical Letters</i> , 2009, 42, 2729-2746.	1.8	5
26	Characterization of Zinc Carbonate Basic as a Source of Zinc in a Rodent Study Investigating the Effects of Dietary Deficiency or Excess. <i>Analytical Letters</i> , 2017, 50, 2447-2464.	1.8	5
27	Development and Validation of an Analytical Method for Quantitation of Sulfolane in Rat and Mouse Plasma by GC-MS. <i>Journal of Analytical Toxicology</i> , 2019, 43, 477-481.	2.8	5
28	Tolerability and age-dependent toxicokinetics following perinatal hydroxyurea treatment in Sprague Dawley rats. <i>Journal of Applied Toxicology</i> , 2021, 41, 1007-1020.	2.8	5
29	Development of a method for the determination of ultra-trace level mercury in adipose tissue by cold vapour atomic fluorescence spectrometry. <i>Journal of Automated Methods and Management in Chemistry</i> , 2000, 22, 103-108.	0.5	4
30	Characterization of an assortment of commercially available multiwalled carbon nanotubes. <i>Mikrochimica Acta</i> , 2014, 181, 171-179.	5.0	4
31	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
32	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
33	Quantitation of Total Vanadium in Rodent Plasma and Urine by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS). <i>Analytical Letters</i> , 2021, 54, 2777-2788.	1.8	4
34	Validation of Analytical Method for Determination of Thallium in Rodent Plasma and Tissues by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS). <i>Analytical Letters</i> , 2022, 55, 1269-1280.	1.8	4
35	Development and Validation of an Analytical Method for Quantitation of Monobutylphthalate, a Metabolite of Di-n-Butylphthalate, in Rat Plasma, Amniotic Fluid, Fetuses and Pups by UPLC-MS/MS. <i>Journal of Analytical Toxicology</i> , 2020, 44, 370-377.	2.8	3
36	Comparison of sulfolane effects in Sprague Dawley rats, B6C3F1/N mice, and Hartley guinea pigs after 28 days of exposure via oral gavage. <i>Toxicology Reports</i> , 2021, 8, 581-591.	3.3	3

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37	Development and Validation of an Analytical Method for Quantitation of Bisphenol S in Rodent Plasma, Amniotic Fluid and Fetuses by UPLC-MS-MS. Journal of Analytical Toxicology, 2021, , .	2.8	3
38	Development and Validation of an Analytical Method for Quantitation of Alpha-Pinene in Rodent Blood and Mammary Gland by Headspace GC-MS. Journal of Analytical Toxicology, 2020, , .	2.8	3
39	Systemic exposure and urinary excretion of vanadium following perinatal subchronic exposure to vanadyl sulfate and sodium metavanadate via drinking water. Toxicology Letters, 2022, 360, 53-61.	0.8	3
40	The common indoor air pollutant $\alpha$ -pinene is metabolised to a genotoxic metabolite $\alpha$ -pinene oxide. Xenobiotica, 2022, 52, 301-311.	1.1	3
41	Development and Optimization of a Procedure for the Determination of Indium-Tin Oxide Particle Size and Concentration in Cellular Media. Analytical Letters, 2014, 47, 1614-1625.	1.8	2
42	Development and Validation of an Analytical Method for Quantitation of Alpha-Pinene Oxide in Rodent Blood and Mammary Glands by GC-MS. Journal of Analytical Toxicology, 2021, , .	2.8	2
43	Toxicokinetic evaluation of the common indoor air pollutant, $\alpha$ -pinene, and its potential reactive metabolite, $\alpha$ -pinene oxide, following inhalation exposure in rodents. Toxicology and Applied Pharmacology, 2021, 418, 115496.	2.8	2
44	Development of an Analytical Method for Quantitation of 2,2-Dimorpholinodiethyl Ether (DMDEE) in Rat Plasma, Amniotic Fluid and Fetal Homogenate by UPLC-MS-MS for Determination of Gestational and Lactational Transfer in Rats. Journal of Analytical Toxicology, 2020, 45, 1036-1041.	2.8	1
45	Development of an Analytical Method for Quantitation of Deoxynivalenol by UPLC-MS-MS: A Preliminary Assessment of Gestational and Lactational Transfer in Rats. Journal of Analytical Toxicology, 2021, 45, 566-572.	2.8	1