

Xu-Liang Cao

List of Publications by Year in descending order

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70
papers

2,899
citations

185998

28
h-index

168136

53
g-index

73
all docs

73
docs citations

73
times ranked

3544
citing authors

#	ARTICLE	IF	CITATIONS
1	Dietary Exposure of Canadians to Perfluorinated Carboxylates and Perfluorooctane Sulfonate via Consumption of Meat, Fish, Fast Foods, and Food Items Prepared in Their Packaging. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 3203-3210.	2.4	380
2	Phthalate Esters in Foods: Sources, Occurrence, and Analytical Methods. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2010, 9, 21-43.	5.9	318
3	Determination of phthalates and adipate in bottled water by headspace solid-phase microextraction and gas chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1178, 231-238.	1.8	172
4	Concentrations of bisphenol A in the composite food samples from the 2008 Canadian total diet study in Quebec City and dietary intake estimates. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2011, 28, 791-798.	1.1	160
5	Cohort Profile: The Maternal-Infant Research on Environmental Chemicals Research Platform. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 415-425.	0.8	146
6	Levels of Bisphenol A in Canned Soft Drink Products in Canadian Markets. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 1307-1311.	2.4	123
7	Migration of Bisphenol A from Polycarbonate Baby and Water Bottles into Water under Severe Conditions. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 6378-6381.	2.4	95
8	GC-MS analysis of bisphenol A in human placental and fetal liver samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 209-214.	1.2	84
9	Bisphenol A in human placental and fetal liver tissues collected from Greater Montreal area (Quebec) during 1998-2008. <i>Chemosphere</i> , 2012, 89, 505-511.	4.2	80
10	Levels of Bisphenol A in Canned Liquid Infant Formula Products in Canada and Dietary Intake Estimates. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7919-7924.	2.4	69
11	Bisphenol A in Canned Food Products from Canadian Markets. <i>Journal of Food Protection</i> , 2010, 73, 1085-1089.	0.8	68
12	Challenges and trends in the determination of selected chemical contaminants and allergens in food. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 139-162.	1.9	57
13	Thermal desorption efficiencies for different adsorbate/adsorbent systems typically used in air monitoring programmes. <i>Chemosphere</i> , 1993, 27, 695-705.	4.2	53
14	Determination of 2-butoxyethanol emissions from selected consumer products and its application in assessment of inhalation exposure associated with cleaning tasks. <i>Environment International</i> , 2001, 26, 589-597.	4.8	52
15	Build-up of artifacts on adsorbents during storage and its effect on passive sampling and gas chromatography-flame ionization detection of low concentrations of volatile organic compounds in air. <i>Journal of Chromatography A</i> , 1994, 688, 368-374.	1.8	50
16	Study of the Degradation by Ozone of Adsorbents and of Hydrocarbons Adsorbed during the Passive Sampling of Air. <i>Environmental Science & Technology</i> , 1994, 28, 757-762.	4.6	49
17	Sources of Low Concentrations of Bisphenol A in Canned Beverage Products. <i>Journal of Food Protection</i> , 2010, 73, 1548-1551.	0.8	47
18	Bisphenol A induces DSB-ATM-p53 signaling leading to cell cycle arrest, senescence, autophagy, stress response, and estrogen release in human fetal lung fibroblasts. <i>Archives of Toxicology</i> , 2018, 92, 1453-1469.	1.9	45

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19	Di-(2-ethylhexyl) adipate and 20 phthalates in composite food samples from the 2013 Canadian Total Diet Study. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1893-1901.	1.1	40
20	LC-MS/MS analysis of bisphenol S and five other bisphenols in total diet food samples. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1740-1747.	1.1	39
21	Seasonal variations in VOC emission rates from gorse (<i>Ulex europaeus</i>). Atmospheric Environment, 2001, 35, 917-927.	1.9	38
22	Bisphenol A Activates the Nrf1/2-Antioxidant Response Element Pathway in HEK 293 Cells. Chemical Research in Toxicology, 2013, 26, 498-506.	1.7	38
23	Determination of free and total bisphenol A in human milk samples from Canadian women using a sensitive and selective GC-MS method. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 120-125.	1.1	37
24	Canadian Total Diet Study in 1998: Pesticide levels in foods from Whitehorse, Yukon, Canada, and corresponding dietary intake estimates. Food Additives and Contaminants, 2004, 21, 232-250.	2.0	36
25	Evaluation of tenax-GR adsorbent for the passive sampling of volatile organic compounds at low concentrations. Atmospheric Environment Part A General Topics, 1993, 27, 1865-1872.	1.3	35
26	Bisphenol A in Baby Food Products in Glass Jars with Metal Lids from Canadian Markets. Journal of Agricultural and Food Chemistry, 2009, 57, 5345-5351.	2.4	32
27	Application of passive samplers to the monitoring of low concentration organic vapours in indoor and ambient air: A review. Environmental Technology (United Kingdom), 1991, 12, 1055-1062.	1.2	30
28	Survey of bisphenol A in bottled water products in Canada. Food Additives and Contaminants: Part B Surveillance, 2008, 1, 161-164.	1.3	30
29	A REVIEW RECENT DEVELOPMENT ON ANALYTICAL METHODS FOR DETERMINATION OF BISPENOL A IN FOOD AND BIOLOGICAL SAMPLES. Journal of Liquid Chromatography and Related Technologies, 2012, 35, 2795-2829.	0.5	27
30	Occurrence of Di-(2-Ethylhexyl) Adipate and Phthalate Plasticizers in Samples of Meat, Fish, and Cheese and Their Packaging Films. Journal of Food Protection, 2014, 77, 610-620.	0.8	27
31	Bisphenol A and Three Other Bisphenol Analogues in Canned Fish Products from the Canadian Market 2014. Journal of Food Protection, 2015, 78, 1402-1407.	0.8	26
32	Determination of Benzene in Soft Drinks and Other Beverages by Isotope Dilution Headspace Gas Chromatography/Mass Spectrometry. Journal of AOAC INTERNATIONAL, 2007, 90, 479-484.	0.7	24
33	Biogenic emissions of volatile organic compounds from gorse (<i>Ulex europaeus</i>): Diurnal emission fluxes at Kelling Heath, England. Journal of Geophysical Research, 1997, 102, 18903-18915.	3.3	23
34	Comparison of Vehicle Exhaust Emissions from Modified Diesel Fuels. Journal of the Air and Waste Management Association, 2003, 53, 67-76.	0.9	21
35	Solid phase extraction of large volume of water and beverage samples to improve detection limits for GC-MS analysis of bisphenol A and four other bisphenols. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 49-55.	1.1	20
36	Study of microporous carbons by gas chromatographic determination of heats of physisorption. Journal of Chromatography A, 1991, 555, 183-190.	1.8	19

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37	Trapping efficiencies of capillary cold traps for C2-C10 hydrocarbons. Journal of Chromatography A, 1992, 627, 219-226.	1.8	19
38	Passive sampling and gas chromatographic determination of low concentrations of reactive hydrocarbons in ambient air with reduction gas detector. Journal of Chromatography A, 1993, 648, 191-197.	1.8	19
39	Styrene in foods and dietary exposure estimates. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2045-2051.	1.1	18
40	Levels of Bisphenol A Diglycidyl Ether (BADGE) and Bisphenol F Diglycidyl Ether (BFDGE) in Canned Liquid Infant Formula Products in Canada and Dietary Intake Estimates. Journal of AOAC INTERNATIONAL, 2009, 92, 1780-1789.	0.7	17
41	The Canadian total diet study design: 1992-1999. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 477-490.	1.1	17
42	Detection methods for the analysis of biogenic non-methane hydrocarbons in air. Journal of Chromatography A, 1995, 710, 39-50.	1.8	16
43	Determination of Bisphenol A in Water by Isotope Dilution Headspace Solid-Phase Microextraction and Gas Chromatography/Mass Spectrometry Without Derivatization. Journal of AOAC INTERNATIONAL, 2008, 91, 622-629.	0.7	16
44	Background bisphenol A in experimental materials and its implication to low-dose in vitro study. Chemosphere, 2010, 81, 817-820.	4.2	13
45	Determination of specific retention volumes at 20°C for hydrocarbons on microporous carbons. Journal of Chromatography A, 1991, 586, 161-165.	1.8	12
46	Migration of Bisphenol A from Can Coatings to Liquid Infant Formula during Storage at Room Temperature. Journal of Food Protection, 2009, 72, 2571-2574.	0.8	12
47	Baseline levels of melamine in food items sold in Canada. I. Dairy products and soy-based dairy replacement products. Food Additives and Contaminants: Part B Surveillance, 2010, 3, 135-139.	1.3	12
48	Levels and temporal trend of bisphenol A in composite food samples from Canadian Total Diet Study 2008-2012. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2015, 32, 1-7.	1.1	12
49	Improved method for the determination of benzene in soft drinks at sub-ppb levels. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2008, 25, 401-405.	1.1	10
50	Di-(2-Ethylhexyl) Adipate in Selected Total Diet Food Composite Samples. Journal of Food Protection, 2013, 76, 1985-1988.	0.8	9
51	Evaluation of a small prototype passive sampler for airborne volatile organic compounds. Journal of Chromatography A, 1998, 802, 307-314.	1.8	8
52	Dioxins, furans and non-ortho-PCBs in Canadian total diet foods 1992-1999 and 1985-1988. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2013, 30, 491-505.	1.1	8
53	Bisphenol A exposure alters release of immune and developmental modulators and expression of estrogen receptors in human fetal lung fibroblasts. Journal of Environmental Sciences, 2016, 48, 11-23.	3.2	8
54	p-Cymene, a natural antioxidant, in Canadian total diet foods: occurrence and dietary exposures. Journal of the Science of Food and Agriculture, 2019, 99, 5606-5609.	1.7	8

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55	Gas chromatographic determination of volatile alkenes with on-column bromination and electron-capture detection. <i>Journal of Chromatography A</i> , 1995, 690, 187-195.	1.8	7
56	Occurrence of 13 volatile organic compounds in foods from the Canadian total diet study. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016, 33, 1-10.	1.1	7
57	The Sampling and Analysis of Volatile Organic Compounds in the Atmosphere. , 1999, , 119-157.		7
58	Monitoring method for airborne glymes and its application in fuel exhaust emission measurement. <i>Chemosphere</i> , 2001, 45, 911-917.	4.2	6
59	Headspace Solid-Phase Microextraction with Gas Chromatographyâ€“Mass Spectrometry Determination of Naphthalene in the Composite Food Samples from the 2011 Canadian Total Diet Study in Ottawa. <i>Journal of Food Protection</i> , 2012, 75, 2163-2171.	0.8	6
60	Determination of reactive hydrocarbons by capillary gas chromatography with the reduction gas detector. <i>Journal of Chromatography A</i> , 1994, 679, 115-121.	1.8	5
61	Study of the responses of a gas chromatographyâ€“reduction gas detector system to gaseous hydrocarbons under different conditions. <i>Analytica Chimica Acta</i> , 1995, 300, 193-200.	2.6	5
62	Baseline levels of melamine in food items sold in Canada. II. Egg, soy, vegetable, fish and shrimp products. <i>Food Additives and Contaminants: Part B Surveillance</i> , 2010, 3, 140-147.	1.3	5
63	GC-MS Analysis of Phthalates and Di-(2-thylhexyl) Adipate in Canadian Human Milk for Exposure Assessment of Infant Population. <i>Journal of AOAC INTERNATIONAL</i> , 2021, 104, 98-102.	0.7	5
64	An isotope dilution headspace method with gas chromatographyâ€“mass spectrometry for determination of propylene oxide in food. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 482-486.	1.1	4
65	Letter to the Editor regarding â€œComparison of two derivatization-based methods for solid-phase microextraction-gas chromatography-mass spectrometric determination of bisphenol A, bisphenol S, and biphenol migrated from food cansâ€• <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 287-288.	1.9	4
66	Aniline in vegetable and fruit samples from the Canadian total diet study. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2009, 26, 808-813.	1.1	3
67	Occurrence of toluene in Canadian total diet foods and its significance to overall human exposure. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 110-117.	1.1	3
68	Bisphenol S in individual and composite meat and meat products and implication for its sources. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2022, 39, 572-579.	1.1	3
69	An Exposure System for the Calibration of Passive Samplers to Volatile Organic Compounds at Low (ppbv) Concentrations. <i>Journal of the Air and Waste Management Association</i> , 1994, 44, 1299-1302.	0.6	2
70	Canadian Total Diet Study Experiences. , 2013, , 233-243.		0