Kathleen L Caldwell

List of Publications by Year
in descending order

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24 papers	1,622 citations	430874 18 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	2379 citing authors

#	Article	IF	Citations
1	Comparison of Nicotine and Toxicant Exposure in Users of Electronic Cigarettes and Combustible Cigarettes. JAMA Network Open, 2018, 1, e185937.	5.9	361
2	Levels of urinary total and speciated arsenic in the US population: National Health and Nutrition Examination Survey 2003â€“2004. Journal of Exposure Science and Environmental Epidemiology, 2009, 19, 59-68.	3.9	163
3	Iodine Status in Pregnant Women in the National Children's Study and in U.S. Women (15â€“44 Years), National Health and Nutrition Examination Survey 2005â€“2010. Thyroid, 2013, 23, 927-937.	4.5	148
4	Urinary Iodine Concentration: United States National Health and Nutrition Examination Survey 2001â€“2002. Thyroid, 2005, 15, 692-699.	4.5	145
5	Use of Inductively Coupled Plasma Mass Spectrometry to Measure Urinary Iodine in NHANES 2000: Comparison with Previous Method. Clinical Chemistry, 2003, 49, 1019-1021.	3.2	84
6	Total blood mercury concentrations in the U.S. population: 1999-2006. International Journal of Hygiene and Environmental Health, 2009, 212, 588-598.	4.3	83
7	Association of acute toxic encephalopathy with litchi consumption in an outbreak in Muzaffarpur, India, 2014: a case-control study. The Lancet Global Health, 2017, 5, e458-e466.	6.3	83
8	Analysis of whole human blood for Pb, Cd, Hg, Se, and Mn by ICP-DRC-MS for biomonitoring and acute exposures. Talanta, 2017, 162, 114-122.	5.5	77
9	Total and methyl mercury in whole blood measured for the first time in the U.S. population: NHANES 2011â€“2012. Environmental Research, 2014, 134, 257-264.	7.5	76
10	Dietary Sources of Methylated Arsenic Species in Urine of the United States Population, NHANES 2003â€“2010. PLoS ONE, 2014, 9, e108098.	2.5	53
11	Measurement Challenges at Low Blood Lead Levels. Pediatrics, 2017, 140, .	2.1	53
12	Determination of seven arsenic compounds in urine by HPLC-ICP-DRC-MS: a CDC population biomonitoring method. Analytical and Bioanalytical Chemistry, 2009, 393, 939-947.	3.7	51
13	EQUIP: a worldwide program to ensure the quality of urinary iodine procedures. Accreditation and Quality Assurance, 2005, 10, 356-361.	0.8	47
14	Iodine Status and Consumption of Key Iodine Sources in the U.S. Population with Special Attention to Reproductive Age Women. Nutrients, 2018, 10, 874.	4.1	31
15	Measurement of mercury species in human blood using triple spike isotope dilution with SPME-GC-ICP-DRC-MS. Analytical and Bioanalytical Chemistry, 2014, 406, 5039-5047.	3.7	26
16	Intakes of Dairy Products and Dietary Supplements Are Positively Associated with Iodine Status among U.S. Children1,2. Journal of Nutrition, 2013, 143, 1155-1160.	2.9	24
17	Monitoring the Iodine Status of Pregnant Women in the United States. Thyroid, 2013, 23, 520-521.	4.5	20
18	Blood mercury levels among fish consumers residing in areas with high environmental burden. Chemosphere, 2012, 86, 967-971.	8.2	14

#	Article	IF	Citations
19	A human urine standard reference material for accurate assessment of arsenic exposure. Analytical Methods, 2011, 3, 1107.	2.7	13
20	Plasma and Urine Dimercaptopropanesulfonate Concentrations after Dermal Application of Transdermal DMPS (TD-DMPS). Journal of Medical Toxicology, 2013, 9, 9-15.	1.5	12
21	Biomonitoring method for the analysis of chromium and cobalt in human whole blood using inductively coupled plasma-kinetic energy discrimination-mass spectrometry (ICP-KED-MS). Analytical Methods, 2017, 9, 3464-3476.	2.7	10
22	LAMP: A CDC Program to Ensure the Quality of Blood-Lead Laboratory Measurements. Journal of Public Health Management and Practice, 2019, 25, S23-S30.	1.4	10
23	Analytical Considerations in the Clinical Laboratory Assessment of Metals. Journal of Medical Toxicology, 2014, 10, 232-239.	1.5	9
24	Trace Metals Screening Process of Devices Used for the Collection, Analysis, and Storage of Biological Specimens. Atomic Spectroscopy, 2018, 39, 219-228.	1.2	6