

W Clay Davis

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

624
citations

623734

14
h-index

713466

21
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22
all docs

22
docs citations

22
times ranked

564
citing authors

#	ARTICLE	IF	CITATIONS
1	An Atmospheric Pressure Glow Discharge Optical Emission Source for the Direct Sampling of Liquid Media. <i>Analytical Chemistry</i> , 2001, 73, 2903-2910.	6.5	144
2	An atmospheric pressure glow discharge optical emission source for the direct sampling of liquid media. <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 931-937.	3.0	100
3	An accurate and sensitive method for the determination of methylmercury in biological specimens using GC-ICP-MS with solid phase microextraction. <i>Journal of Analytical Atomic Spectrometry</i> , 2004, 19, 1546.	3.0	47
4	Reference materials for MS-based untargeted metabolomics and lipidomics: a review by the metabolomics quality assurance and quality control consortium (mQACC). <i>Metabolomics</i> , 2022, 18, 24.	3.0	43
5	Simultaneous determination of inorganic mercury, methylmercury, and total mercury concentrations in cryogenic fresh-frozen and freeze-dried biological reference materials. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 389, 787-798.	3.7	37
6	Development of a Common Procedure for the Determination of Methylmercury, Ethylmercury, and Inorganic Mercury in Human Whole Blood, Hair, and Urine by Triple Spike Species-Specific Isotope Dilution Mass Spectrometry. <i>Analytical Chemistry</i> , 2017, 89, 6731-6739.	6.5	33
7	Methods for the separation and quantification of arsenic species in SRM 2669: arsenic species in frozen human urine. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 3041-3050.	3.7	23
8	Certification of methylmercury content in two fresh-frozen reference materials: SRM 1947 Lake Michigan fish tissue and SRM 1974b organics in mussel tissue (<i>Mytilus edulis</i>). <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 2335-2341.	3.7	21
9	Influence of mercury and selenium chemistries on the progression of cardiomyopathy in pygmy sperm whales, <i>Kogia breviceps</i> . <i>Chemosphere</i> , 2012, 89, 556-562.	8.2	20
10	Development of a kelp powder (<i>Thallus laminariae</i>) Standard Reference Material. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 1265-1278.	3.7	18
11	Investigation of the role of hollow cathode (vaporization) temperature on the performance of particle beam-hollow cathode atomic emission spectrometry (PB-HC-AES). <i>Journal of Analytical Atomic Spectrometry</i> , 2001, 16, 115-121.	3.0	17
12	Development of a new liquid chromatography method for the separation and speciation of organic and inorganic selenium compounds via particle beam-hollow cathode glow discharge-optical emission spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 99-103.	3.0	17
13	Consideration and influence of complexed forms of mercury species on the reactivity patterns determined by speciated isotope dilution model approaches: A case for natural biological reference materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2008, 23, 385-396.	3.0	17
14	Detection and characterization of selenoproteins by tandem mass spectrometry assisted by laser ablation inductively coupled plasma mass spectrometry: application to human plasma selenoproteins. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 383-394.	3.0	15
15	Particle beam glow discharge mass spectrometry: spectral characteristics of nucleobases. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1749-1758.	1.5	14
16	Simultaneous Mass Bias and Fractionation Corrections Utilizing Isotopic Solid Standards and Laser Ablation ICPMS. <i>Analytical Chemistry</i> , 2005, 77, 6389-6395.	6.5	14
17	A human urine standard reference material for accurate assessment of arsenic exposure. <i>Analytical Methods</i> , 2011, 3, 1107.	2.7	13
18	Measurements of methylmercury, ethylmercury, and inorganic mercury species in a whole blood standard reference material: SRM 955câ€”Toxic Elements in Caprine Blood. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 431-435.	3.0	10

#	ARTICLE	IF	CITATIONS
19	Use of SolâGels as Solid Matrixes for Simultaneous Multielement Determination by Radio Frequency Glow Discharge Optical Emission Spectrometry:â Determinations of Suspended Particulate Matter. Analytical Chemistry, 2003, 75, 2243-2250.	6.5	9
20	Certification of total arsenic in blood and urine standard reference materials by radiochemical neutron activation analysis and inductively coupled plasma-mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2014, 299, 1555-1563.	1.5	9
21	Characterization of a human liver reference material fit for proteomics applications. Scientific Data, 2019, 6, 324.	5.3	3