

David Eb Fleming

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

322
citations

933447

10
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

255
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of the δ -Aminolevulinatase Polymorphism on the Accumulation of Lead in Bone and Blood in Lead Smelter Workers. <i>Environmental Research</i> , 1998, 77, 49-61.	7.5	80
2	The O'Flaherty Model of Lead Kinetics: An Evaluation Using Data from a Lead Smelter Population. <i>Toxicology and Applied Pharmacology</i> , 1999, 161, 100-109.	2.8	39
3	Characterization of the depth distribution of Ca, Fe and Zn in skin samples, using synchrotron micro-x-ray fluorescence (Si ²⁴ XRF) to help quantify in-vivo measurements of elements in the skin. <i>Applied Radiation and Isotopes</i> , 2013, 77, 68-75.	1.5	26
4	Calibration and characterization of a digital X-ray fluorescence bone lead system. <i>Applied Radiation and Isotopes</i> , 2001, 55, 527-532.	1.5	21
5	Portable x-ray fluorescence for assessing trace elements in rice and rice products: Comparison with inductively coupled plasma-mass spectrometry. <i>Applied Radiation and Isotopes</i> , 2015, 104, 217-223.	1.5	19
6	Portable x-ray fluorescence for the analysis of chromium in nail and nail clippings. <i>Applied Radiation and Isotopes</i> , 2017, 121, 91-95.	1.5	18
7	Assessing arsenic and selenium in a single nail clipping using portable X-ray fluorescence. <i>Applied Radiation and Isotopes</i> , 2017, 120, 1-6.	1.5	18
8	Feasibility of measuring zinc in human nails using portable x-ray fluorescence. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 50, 609-614.	3.0	16
9	Soft tissue measurement of arsenic and selenium in an animal model using portable X-ray fluorescence. <i>Radiation Physics and Chemistry</i> , 2015, 116, 241-247.	2.8	11
10	Assessing arsenic in human toenail clippings using portable X-ray fluorescence. <i>Applied Radiation and Isotopes</i> , 2021, 167, 109491.	1.5	11
11	Simultaneous detection of As and Se in polyester resin skin phantoms. <i>Applied Radiation and Isotopes</i> , 2010, 68, 743-745.	1.5	10
12	Assessing zinc from a nail clipping using mono-energetic portable X-ray fluorescence. <i>Applied Radiation and Isotopes</i> , 2019, 145, 170-175.	1.5	10
13	Effects of measurement distance and source activity on the precision of X-ray fluorescence measurements of lead in a bone phantom. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2004, 217, 471-478.	1.4	9
14	Portable X-ray fluorescence of zinc applied to human toenail clippings. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020, 62, 126603.	3.0	9
15	Effects of overlying soft tissue on X-ray fluorescence bone lead measurement uncertainty. <i>Radiation Physics and Chemistry</i> , 2006, 75, 1-6.	2.8	7
16	Evidence for lead diagenesis in ancient bones of the Southern Andes. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 263, 41-45.	1.4	4
17	Early experiences with the Mount Allison University four-detector X-ray fluorescence bone lead measurement system. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 263, 32-35.	1.4	4
18	Monte Carlo simulations of in vivo K-shell X-ray fluorescence bone lead measurement and implications for radiation dosimetry. <i>Applied Radiation and Isotopes</i> , 2006, 64, 1036-1042.	1.5	3

#	ARTICLE	IF	CITATIONS
19	Assessment of alternative methods for analyzing X-ray fluorescence spectra. Applied Radiation and Isotopes, 2019, 146, 133-138.	1.5	3
20	Serum (plasma) lead, blood lead, and bone lead. , 1997, 32, 319-320.		2
21	Investigating methods of normalization for X-ray fluorescence measurements of zinc in nail clippings using the TOPAS Monte Carlo code. Applied Radiation and Isotopes, 2022, 182, 110151.	1.5	2