

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 | 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 |
| 2 | Assessing arsenic in human toenail clippings using portable X-ray fluorescence. Applied Radiation and Isotopes, 2021, 167, 109491. | 1.5 | 11 |
| 3 | Portable X-ray fluorescence of zinc applied to human toenail clippings. Journal of Trace Elements in Medicine and Biology, 2020, 62, 126603. | 3.0 | 9 |
| 4 | Assessing zinc from a nail clipping using mono-energetic portable X-ray fluorescence. Applied Radiation and Isotopes, 2019, 145, 170-175. | 1.5 | 10 |
| 5 | Assessment of alternative methods for analyzing X-ray fluorescence spectra. Applied Radiation and Isotopes, 2019, 146, 133-138. | 1.5 | 3 |
| 6 | Feasibility of measuring zinc in human nails using portable x-ray fluorescence. Journal of Trace Elements in Medicine and Biology, 2018, 50, 609-614. | 3.0 | 16 |
| 7 | Portable x-ray fluorescence for the analysis of chromium in nail and nail clippings. Applied Radiation and Isotopes, 2017, 121, 91-95. | 1.5 | 18 |
| 8 | Assessing arsenic and selenium in a single nail clipping using portable X-ray fluorescence. Applied Radiation and Isotopes, 2017, 120, 1-6. | 1.5 | 18 |
| 9 | Portable x-ray fluorescence for assessing trace elements in rice and rice products: Comparison with inductively coupled plasma-mass spectrometry. Applied Radiation and Isotopes, 2015, 104, 217-223. | 1.5 | 19 |
| 10 | Soft tissue measurement of arsenic and selenium in an animal model using portable X-ray fluorescence. Radiation Physics and Chemistry, 2015, 116, 241-247. | 2.8 | 11 |
| 11 | Characterization of the depth distribution of Ca, Fe and Zn in skin samples, using synchrotron micro-x-ray fluorescence (SI ⁴ XRF) to help quantify in-vivo measurements of elements in the skin. Applied Radiation and Isotopes, 2013, 77, 68-75. | 1.5 | 26 |
| 12 | Simultaneous detection of As and Se in polyester resin skin phantoms. Applied Radiation and Isotopes, 2010, 68, 743-745. | 1.5 | 10 |
| 13 | Evidence for lead diagenesis in ancient bones of the Southern Andes. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 41-45. | 1.4 | 4 |
| 14 | Early experiences with the Mount Allison University four-detector X-ray fluorescence bone lead measurement system. Nuclear Instruments & Methods in Physics Research B, 2007, 263, 32-35. | 1.4 | 4 |
| 15 | Monte Carlo simulations of in vivo K-shell X-ray fluorescence bone lead measurement and implications for radiation dosimetry. Applied Radiation and Isotopes, 2006, 64, 1036-1042. | 1.5 | 3 |
| 16 | Effects of overlying soft tissue on X-ray fluorescence bone lead measurement uncertainty. Radiation Physics and Chemistry, 2006, 75, 1-6. | 2.8 | 7 |
| 17 | Effects of measurement distance and source activity on the precision of X-ray fluorescence measurements of lead in a bone phantom. Nuclear Instruments & Methods in Physics Research B, 2004, 217, 471-478. | 1.4 | 9 |
| 18 | Calibration and characterization of a digital X-ray fluorescence bone lead system. Applied Radiation and Isotopes, 2001, 55, 527-532. | 1.5 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Serum (plasma) lead, blood lead, and bone lead. , 1997, 32, 319-320. | | 2 |