

# Roberto Cesareo

## List of Publications by Year in descending order

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168  
papers

2,839  
citations

159585

30  
h-index

243625

44  
g-index

169  
all docs

169  
docs citations

169  
times ranked

2031  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thin thickness gilding determined by X-rays ratios from EDXRF spectra. X-Ray Spectrometry, 2022, 51, 170-177.	1.4	1
2	Analysis of twelve wooden spear throwers covered with gilded copper from the Moche tomb of the Lady of Cao. Journal of Physics: Conference Series, 2022, 2204, 012102.	0.4	0
3	Combining X-ray Fluorescence and Monte Carlo Simulation Methods to Differentiate between Tumbaga and Gold-Alloy or Gildings. Materials, 2022, 15, 4452.	2.9	3
4	Analytical studies on pre-Columbian gold and silver from the North of Peru. Rendiconti Lincei, 2020, 31, 473-484.	2.2	8
5	Transmission of X and $\beta$ -rays to differentiate tumbaga from gold and gilded copper. Microchemical Journal, 2020, 155, 104720.	4.5	5
6	Analysis of precious metals from the tomb of the 'Lady of Cao' by X-ray microtomography and digital radiography. X-Ray Spectrometry, 2019, 48, 499-504.	1.4	3
7	Efficacy of radiofrequency ablation in autonomous functioning thyroid nodules. A systematic review and meta-analysis. Reviews in Endocrine and Metabolic Disorders, 2019, 20, 37-44.	5.7	48
8	Gold, gildings, and tumbaga from the Moche tomb of the Lady of Cao: An EDXRF test for the internal ratio method. X-Ray Spectrometry, 2019, 48, 202-207.	1.4	15
9	Cardiovascular Autonomic Neuropathy as a New Complication of Postsurgical Chronic Hypoparathyroidism. Journal of Bone and Mineral Research, 2019, 34, 475-481.	2.8	11
10	Study on Brazilian 18th century imperial carriage using x-ray nondestructive techniques. Radiation Physics and Chemistry, 2019, 154, 74-78.	2.8	13
11	Nodule size as predictive factor of efficacy of radiofrequency ablation in treating autonomously functioning thyroid nodules. International Journal of Hyperthermia, 2018, 34, 617-623.	2.5	58
12	Structural analysis of jewelry from the Moche tomb of the 'lady of Cao' by X-ray digital radiography. Journal of Instrumentation, 2018, 13, C04029-C04029.	1.2	4
13	Raman Spectroscopy Applied to Parathyroid Tissues: A New Diagnostic Tool to Discriminate Normal Tissue from Adenoma. Analytical Chemistry, 2018, 90, 847-854.	6.5	30
14	X-Ray Digital Radiography to Study Gold-Silver Nose Decorations from the Moche Tomb of the Lady of Cao. Journal of Nondestructive Evaluation, 2018, 37, 1.	2.4	5
15	Italian Association of Clinical Endocrinologists (AME) and Italian Chapter of the American Association of Clinical Endocrinologists (AACE) Position Statement: Clinical Management of Vitamin D Deficiency in Adults. Nutrients, 2018, 10, 546.	4.1	103
16	Non-invasive in-situ analysis of a wreath of gold leaves from the National Archaeological Museum of Taranto, Italy. Measurement: Journal of the International Measurement Confederation, 2018, 126, 164-167.	5.0	8
17	First results on the use of a EDXRF scanner for 3D imaging of paintings. Acta IMEKO (2012), 2018, 7, 8.	0.7	4
18	Irisin as a regulator of bone and glucose metabolism. Minerva Endocrinology, 2018, 43, 489-500.	1.1	16

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19	Synchrotron-based XRD from rat bone of different age groups. <i>Materials Science and Engineering C</i> , 2017, 74, 207-218.	7.3	16
20	EDXRF analysis of gold jewelry from the Archaeological Museum of Taranto, Italy. <i>X-Ray Spectrometry</i> , 2017, 46, 421-426.	1.4	14
21	A comparison of laser with radiofrequency ablation for the treatment of benign thyroid nodules: a propensity score matching analysis. <i>International Journal of Hyperthermia</i> , 2017, 33, 1-9.	2.5	59
22	Radiofrequency ablation for the management of thyroid nodules: A critical appraisal of the literature. <i>Clinical Endocrinology</i> , 2017, 87, 639-648.	2.4	45
23	Efficacy and safety of a single radiofrequency ablation of solid benign non-functioning thyroid nodules. <i>Archives of Endocrinology and Metabolism</i> , 2017, 61, 173-179.	0.6	28
24	Thickness Measurement of $V_2O_5$ Nanometric Thin Films Using a Portable XRF. <i>Journal of Spectroscopy</i> , 2016, 2016, 1-7.	1.3	8
25	Analysis of the spectacular gold and silver from the Moche tomb "Señora de Cao". <i>X-Ray Spectrometry</i> , 2016, 45, 138-154.	1.4	33
26	Thickness determination of gold layer on pre-Columbian objects and a gilding frame, combining pXRF and PLS regression. <i>X-Ray Spectrometry</i> , 2016, 45, 344-351.	1.4	25
27	Synchrotron-based crystal structure, associated morphology of snail and bivalve shells by X-ray diffraction. <i>Radiation Physics and Chemistry</i> , 2016, 127, 155-164.	2.8	4
28	Italian association of clinical endocrinologists (AME) position statement: drug therapy of osteoporosis. <i>Journal of Endocrinological Investigation</i> , 2016, 39, 807-834.	3.3	38
29	A Rare and Severe Complication Following Thyroid Fine Needle Aspiration: Retropharyngeal Cellulitis. <i>International Journal of Endocrinology and Metabolism</i> , 2016, 14, e39174.	1.0	6
30	The structure of two-layered objects reconstructed using EDXRF analysis and internal X-ray ratios. <i>X-Ray Spectrometry</i> , 2015, 44, 233-238.	1.4	24
31	Effects of alendronate and vitamin D in patients with normocalcemic primary hyperparathyroidism. <i>Osteoporosis International</i> , 2015, 26, 1295-1302.	3.1	56
32	Prospective Study of Effectiveness of Ultrasound-Guided Radiofrequency Ablation Versus Control Group in Patients Affected by Benign Thyroid Nodules. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, 460-466.	3.6	126
33	Synchrotron-based phase-contrast images of zebrafish and its anatomical structures. <i>EPJ Applied Physics</i> , 2014, 67, 20701.	0.7	0
34	Thickness and composition of gold and silver alloys determined by combining EDXRF-analysis and transmission measurements. <i>X-Ray Spectrometry</i> , 2014, 43, 312-315.	1.4	14
35	Multilayered artifacts in the pre-Columbian metallurgy from the North of Peru. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 889-903.	2.3	23
36	Analysis of Pre-Columbian objects from Cupisnique, one of the oldest culture from Peru, using a portable X-ray fluorescence equipment. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 1065-1067.	2.3	9

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37	A Roman bronze statuette with gilded silver mask from Sardinia: an EDXRF study. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 905-910.	2.3	14
38	Gold coated copper artifacts from the Royal Tombs of Sipã;n (Huaca Rajada, Perã1): manufacturing techniques and corrosion phenomena. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 113, 877-887.	2.3	11
39	Synchrotron-based non-destructive diffraction-enhanced imaging systems to image walnut at 20ãkeV. <i>Journal of Food Measurement and Characterization</i> , 2013, 7, 13-21.	3.2	3
40	Multilayered samples reconstructed by measuring $K_{L^1}/K_{L^2}$ or $L_{L^1}/L_{L^2}$ X-ray intensity ratios by EDXRF. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2013, 312, 15-22.	1.4	50
41	Synchrotron-based x-ray fluorescence applied to invertebrates to investigate the role of essential trace elements in a biological process. <i>Physica Scripta</i> , 2012, 85, 035805.	2.5	3
42	Synchrotron-based DEI for bio-imaging and DEI-CT to image phantoms with contrast agents. <i>Applied Radiation and Isotopes</i> , 2012, 70, 1570-1578.	1.5	2
43	Embedded soft-tissue image mechanism of a small animal shell with synchrotron-based micro-CT. <i>Journal of X-Ray Science and Technology</i> , 2012, 20, 291-299.	1.0	1
44	Synchrotron-based X-ray fluorescence, imaging and elemental mapping from biological samples. <i>Pramana - Journal of Physics</i> , 2011, 76, 261-269.	1.8	3
45	Portable energy-dispersive X-ray fluorescence equipment for the analysis of cultural heritage. <i>Pramana - Journal of Physics</i> , 2011, 76, 313-319.	1.8	5
46	Portable equipment for a non-destructive analysis of pre-Columbian metal artefacts from the Royal Tombs of Sipã;n by energy-dispersive X-ray fluorescence spectrometry. <i>X-Ray Spectrometry</i> , 2011, 40, 37-46.	1.4	18
47	Synchrotron-based small-angle x-ray scattering from biogenic materials. <i>Physica Scripta</i> , 2011, 84, 065802.	2.5	3
48	A Rare Case of Hypoparathyroidism Associated to Rendu-Osler-Webber Syndrome. <i>Acta Endocrinologica</i> , 2011, 7, 267-272.	0.3	0
49	Short term effects of levothyroxine treatment in thyroid multinodular disease. <i>Endocrine Journal</i> , 2010, 57, 803-809.	1.6	14
50	Pre-Columbian alloys from the royal tombs of Sipã;n; energy dispersive X-ray fluorescence analysis with a portable equipment. <i>Applied Radiation and Isotopes</i> , 2010, 68, 525-528.	1.5	36
51	Use of synchrotron-based diffraction-enhanced imaging for visualization of soft tissues in invertebrates. <i>Applied Radiation and Isotopes</i> , 2010, 68, 1687-1693.	1.5	9
52	Energy-dispersive X-ray fluorescence analysis of a pre-Columbian funerary gold mask from the Museum of Sicã;n, Peru. <i>X-Ray Spectrometry</i> , 2010, 39, 122-126.	1.4	21
53	Synchrotron-based scattered radiation from phantom materials used in X-ray CT. <i>Journal of X-Ray Science and Technology</i> , 2010, 18, 327-337.	1.0	3
54	Cork Embedded Internal Features and Contrast Mechanisms with Dei Using 18, 20, 30, 36, and 40ãkeV Synchrotron X-Rays. <i>Research in Nondestructive Evaluation</i> , 2010, 21, 171-183.	1.1	7

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55	Micro-CT Imaging of Rat Bone and Lumber Vertebra using Synchrotron Radiation. , 2009, , .		1
56	Metal location and thickness in a multilayered sheet by measuring $K_{L\alpha}^2/K_{L\alpha}^1$ , $L_{L\alpha}^2/L_{L\alpha}^1$ and $L_{L\alpha}^3/L_{L\alpha}^1$ X-ray ratios. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 2890-2896.	1.4	45
57	A Comparative Study of Fine Needle Aspiration and Fine Needle Non-Aspiration Biopsy on Suspected Thyroid Nodules. Endocrine Pathology, 2009, 20, 108-113.	9.0	32
58	Synchrotron-induced X-ray fluorescence from rat bone and lumber vertebra of different age groups. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 502-505.	1.4	4
59	Investigation of the distribution of elements in snail shell with the use of synchrotron-based, micro-beam X-ray fluorescence spectrometry. Journal of Trace Elements in Medicine and Biology, 2009, 23, 251-257.	3.0	8
60	X-ray fluorescence analysis of 19th century stamps. X-Ray Spectrometry, 2008, 37, 260-264.	1.4	17
61	Pigment layers and precious metal sheets by energy-dispersive x-ray fluorescence analysis. X-Ray Spectrometry, 2008, 37, 309-316.	1.4	51
62	The use of a European coinage alloy to compare the detection limits of mobile XRF systems. A feasibility study. X-Ray Spectrometry, 2007, 36, 167-172.	1.4	21
63	A compact X-ray tomograph based on a CMOS flat panel. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 580, 782-784.	1.6	1
64	From Giotto to De Chirico to Verrocchio: analyses of paintings and historical bronze alloys availing of portable EDXRF equipment. Journal of Neutron Research, 2006, 14, 17-27.	1.1	8
65	X-ray Transmission and Compton CT Investigation of Some Gastropods from Sassari, Sardinia, in Italy. Instrumentation Science and Technology, 2004, 32, 127-137.	1.8	0
66	Doppler Broadening Calculations of Compton Scattering for Molecules, Plastics, Tissues, and Few Biological Materials in the X-Ray Region: An Analysis in Terms of Compton Broadening and Geometrical Energy Broadening. Journal of Physical and Chemical Reference Data, 2004, 33, 627-712.	4.2	5
67	Algorithmic techniques for quantitative Compton tomography. Nuclear Instruments & Methods in Physics Research B, 2004, 213, 108-111.	1.4	18
68	Portable equipment for energy dispersive X-ray fluorescence analysis of Giotto's frescoes in the Chapel of the Scrovegni. Nuclear Instruments & Methods in Physics Research B, 2004, 213, 703-706.	1.4	32
69	Geometrical efficiency, solid angle contribution and gradient for a triaxial system equipped with a fluorescent source and x-ray tube: an analysis to enhance the Compton scattered photons. X-Ray Spectrometry, 2004, 33, 87-100.	1.4	7
70	Giotto in the Chapel of the Scrovegni: EDXRF analysis of the golden haloes with portable equipment. X-Ray Spectrometry, 2004, 33, 289-293.	1.4	16
71	1/4-tomographic images of a few soft materials and embedded biological soft tissue at x-ray energies: a new approach based on geometrical considerations. , 2004, , .		0
72	Compton energy-absorption scattering cross-sections for H, C, N, O, P, Ca and assessment of Doppler broadening. European Physical Journal D, 2003, 23, 43-49.	1.3	2

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73	Non-destructive EDXRF-analysis of the golden haloes of Giotto's frescos in the Chapel of the Scrovegni in Padua. Nuclear Instruments & Methods in Physics Research B, 2003, 211, 133-137.	1.4	34
74	A CT-scanner for transmission, scattering, and fluorescent radiation imaging. , 2002, 4503, 310.		0
75	Analytical simulator for Compton tomographic measurements. , 2002, , .		0
76	Correction procedure for the self-absorption artifacts in x-ray Compton tomography. , 2002, 4503, 132.		0
77	Computed tomographic images using tube source of x rays: interior properties of the material. , 2002, , .		2
78	Computer tomographic reconstruction from partial-view projections. , 2002, , .		0
79	Measuring Techniques for Compton, Rayleigh and Fluorescence Cross-Sections Excited by keV Photons : Potential Use for Various Applications. Journal of Nuclear Science and Technology, 2002, 39, 1365-1368.	1.3	1
80	Cork quality estimation by using Compton tomography. Nuclear Instruments & Methods in Physics Research B, 2002, 196, 161-168.	1.4	31
81	Computed tomographic images of soft materials using differential attenuation: interior properties of the materials at optimum energy in terms of attenuation coefficient. NDT and E International, 2002, 35, 573-580.	3.7	2
82	Elemental concentration analysis in soil contaminated with recyclable urban garbage by tube-excited energy-dispersive X-ray fluorescence. Radiation Physics and Chemistry, 2002, 65, 495-500.	2.8	16
83	A simple scanner for Compton tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 487, 188-192.	1.6	16
84	Quantitative determination of metals in radish using x-ray fluorescence spectrometry. X-Ray Spectrometry, 2002, 31, 120-123.	1.4	36
85	A correction procedure for the self-absorption artifacts in x-ray Compton tomography. X-Ray Spectrometry, 2002, 31, 377-382.	1.4	3
86	A new approach to estimate the geometrical factors, solid angle approximation, geometrical efficiency and their use in basic interaction cross section measurements. EPJ Applied Physics, 2002, 20, 69-74.	0.7	2
87	<title>Importance of Doppler broadening in Compton scatter imaging techniques</title>. , 2001, , .		0
88	Measurements of elastic and inelastic scattering cross-sections using monoenergetic $K\alpha$ radiation. , 2000, 4142, 124.		3
89	Imaging of small objects and soft materials at optimum energy using a tomographic device based on image intensifier. , 2000, 4142, 297.		1
90	Computed tomography with image intensifier: potential use for nondestructive testing and imaging of small objects. NDT and E International, 2000, 33, 523-530.	3.7	7

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91	Volume of intersection of two cones. Radiation Physics and Chemistry, 2000, 59, 23-30.	2.8	12
92	Works of art investigation with silicon drift detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 439, 458-470.	1.6	42
93	Quantitative analysis of metals in soil using X-ray fluorescence. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2000, 55, 1189-1194.	2.9	86
94	Influence of Solid State Environment Effects on Measured Elastic Scattering Cross Sections in the X-ray Regime and the Associated Anomalous Dispersion. Physica Scripta, 2000, 62, 81-87.	2.5	2
95	Thermoelectrically cooled semiconductor detectors for non-destructive analysis of works of art by means of energy dispersive X-ray fluorescence. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 428, 171-181.	1.6	24
96	Energy dispersive X-ray fluorescence analysis of marine pollution indicators. Journal of Radioanalytical and Nuclear Chemistry, 1999, 240, 459-465.	1.5	4
97	Atomic Rayleigh scattering cross-sections and the associated anomalous dispersion in the X-ray regions. European Physical Journal D, 1999, 7, 45-53.	1.3	5
98	A portable apparatus for energy-dispersive X-ray fluorescence analysis of sulfur and chlorine in frescoes and stone monuments. Nuclear Instruments & Methods in Physics Research B, 1999, 155, 326-330.	1.4	18
99	A new method to estimate elastic scattering cross sections in the X-ray region and the associated anomalous dispersion. Applied Radiation and Isotopes, 1998, 49, 835-844.	1.5	3
100	A method for forward energy-dispersive X-ray fluorescence analysis of thin and intermediate samples. Nuclear Instruments & Methods in Physics Research B, 1998, 145, 434-448.	1.4	9
101	Energy dispersive x-ray fluorescence analysis of thin and intermediate environmental samples. X-Ray Spectrometry, 1998, 27, 257-264.	1.4	21
102	NON-DESTRUCTIVE ANALYSIS OF ANCIENT METAL ALLOYS BY IN SITU EDXRF TRANSPORTABLE EQUIPMENT. Radiation Physics and Chemistry, 1998, 51, 689-700.	2.8	20
103	Estimation of monochromaticity, solid angle correction and some considerations on secondary target arrangement using x-ray tube. Physica Scripta, 1997, 55, 265-268.	2.5	10
104	Elastic and compton scattering of x-ray photons from platinum in the momentum transfer region $1.3175 \text{ hbar \AA}^{-1} \leq q \leq 2.0448 \text{ hbar \AA}^{-1}$ . Physica Scripta, 1997, 55, 305-309.	2.5	4
105	Elastic scattering and the associated anomalous dispersion in the atomic region $13 \text{ \AA}^{-1} \leq Z \leq 82$ at 30.85 keV. Physica Scripta, 1997, 55, 683-689.	2.5	3
106	Reversible increase of intraocular pressure in subclinical hypothyroid patients. European Journal of Endocrinology, 1997, 136, 595-598.	3.7	27
107	<title>Thermoelectrically cooled semiconductor detectors for portable energy-dispersive x-ray fluorescence equipment</title>. , 1997, , .		2
108	A portable instrument for energy-dispersive X-ray fluorescence analysis of sulfur. Nuclear Instruments & Methods in Physics Research B, 1997, 129, 281-283.	1.4	16

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109	Average M-shell fluorescence yields ( $\omega$ ) for Pt, Au and Pb. Radiation Physics and Chemistry, 1997, 49, 503-504.	2.8	9
110	Elastic scattering and the associated anomalous dispersion in the vicinity of Cd, In, Sn and Sb, K-absorption edges. Applied Radiation and Isotopes, 1997, 48, 789-806.	1.5	2
111	Coherent and incoherent scattering of low-energy X-ray photons in the atomic region $13 \leq Z \leq 82$ . Canadian Journal of Physics, 1996, 74, 10-16.	1.1	11
112	L X-ray fluorescence cross sections in the atomic region $59 \leq Z \leq 82$ excited by 16.58 keV photons. Canadian Journal of Physics, 1996, 74, 230-235.	1.1	3
113	$L_1$ , $L_{1\frac{1}{2}}$ , $L_{2\frac{1}{2}}$ and $L_{3\frac{1}{2}}$ X-Ray Fluorescence Cross-sections for Ce, Pr and Sm Excited by Y and Mo $K_{1\frac{1}{2}}$ X-Ray Photons. X-Ray Spectrometry, 1996, 25, 74-77.	1.4	16
114	Total M X-ray fluorescence cross sections and fluorescence yields for Pt, Au and Pb in the energy region $5.47 \leq E \leq 9.36$ keV. Nuclear Instruments & Methods in Physics Research B, 1996, 108, 227-232.	1.4	22
115	Production of monoenergetic unpolarised $K_{1\frac{1}{2}}$ x-ray photons using x-ray tubes: An analysis of the derived intensity ratios and homogeneity of the filters. Physica Scripta, 1996, 54, 325-327.	2.5	3
116	Rayleigh and Compton scattering cross sections for low, medium and high Z elements in the energy region $23.18 \leq E \leq 30.85$ keV. Physica Scripta, 1996, 54, 362-367.	2.5	11
117	Coherent and incoherent scattering of 42.75 and 47.24 keV x-ray photons scattered from Al, Cu, Y, Mo, Au and Pb. X-Ray Spectrometry, 1995, 24, 172-176.	1.4	23
118	L x-ray fluorescence cross-sections in the atomic region $62 \leq Z \leq 70$ excited by 15.20, 17.80, 23.62 and 24.68 keV photons. X-Ray Spectrometry, 1995, 24, 244-248.	1.4	11
119	L X-ray fluorescence cross sections, fluorescence yields and intensity ratios for Au and Pb at excitation energies 21.56, 31.64 and 34.17 keV. Radiation Physics and Chemistry, 1995, 46, 17-22.	2.8	17
120	M X-ray fluorescence cross sections and yields in the atomic region excited by 6.47 and 7.57 keV photons. Radiation Physics and Chemistry, 1995, 46, 317-320.	2.8	18
121	Microtomography using a tube source of X-rays, a low-energy-resolution HPGe detector system and an array of detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 356, 573-578.	1.6	5
122	LX-ray fluorescence cross sections in the atomic region $64 \leq Z \leq 82$ excited by keV photons. Physica Scripta, 1995, 51, 252-256.	2.5	5
123	Increased plasma levels of endothelin-1 in patients with hyperthyroidism. Metabolism: Clinical and Experimental, 1995, 44, 1239-1242.	3.4	19
124	Coherent and incoherent scattering of 14.93, 17.44 and 21.12 keV photons from Al, Cu, Sr, Cd, Ce, Pr, Sm, Pt, Au and Pb. Physica Scripta, 1994, 50, 314-320.	2.5	36
125	Attenuation coefficients and tomographic measurements for soil in the energy range $10 \leq E \leq 300$ keV. Applied Radiation and Isotopes, 1994, 45, 613-620.	1.5	35
126	Measurement of L x-ray fluorescence cross-sections in heavy elements excited by 17.78, 25.88, 26.88 and 32.89 keV photons. Applied Radiation and Isotopes, 1994, 45, 621-626.	1.5	8

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127	L X-ray fluorescence cross sections in the atomic region $46\frac{1}{2}Z\frac{1}{2}51$ excited by 6.47, 7.57 and 8.12 keV photons. Nuclear Instruments & Methods in Physics Research B, 1994, 86, 219-224.	1.4	25
128	Measurements of $L1$ , $L1\frac{1}{2}$ , $L1\frac{3}{2}$ and $L1\frac{3}{2}$ x-ray fluorescence cross-sections in heavy elements excited by 36.62, 43.69, 48.30, 50.20 and 53.50 keV photons. X-Ray Spectrometry, 1993, 22, 401-405.	1.4	32
129	Photon-excited K x-ray fluorescence cross-sections for some light elements in the energy range 20-60 keV. X-Ray Spectrometry, 1993, 22, 406-409.	1.4	26
130	L X-ray fluorescence cross sections of heavy elements excited by 15.20, 16.02, 23.62 and 24.68 keV photons. Nuclear Instruments & Methods in Physics Research B, 1993, 83, 31-36.	1.4	27
131	Lx-ray fluorescence cross sections and intensity ratios in some high-Z elements excited by 23.62- and 24.68-keV photons. Physical Review A, 1993, 47, 1087-1092.	2.5	38
132	The use of a mercuric iodide detector for X-ray fluorescence analysis in archaeometry. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 322, 583-590.	1.6	12
133	Interaction of keV photons with matter and new applications. Physics Reports, 1992, 213, 117-178.	25.6	96
134	X- and gamma -rays computerized minitomograph scanner for soil science. IEEE Transactions on Instrumentation and Measurement, 1990, 39, 745-750.	4.7	61
135	New tomographic methods using X-ray tubes. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 299, 440-443.	1.6	4
136	The analysis of bronze alloys from the equestrian statue of Marco Aurelio by means of a thin sample XRF technique. Nuclear Instruments & Methods in Physics Research B, 1989, 36, 194-199.	1.4	4
137	Using a computed tomography scanner for nonmedical applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 275, 420-429.	1.6	2
138	A new tomographic device based on the detection of fluorescent x-rays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 277, 669-672.	1.6	115
139	Use of differential tomography in the study of natural processes. IEEE Transactions on Medical Imaging, 1989, 8, 163-167.	8.9	5
140	Principles and applications of differential tomography. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 270, 572-577.	1.6	16
141	Chapter 2 Photon Induced X-Ray Emission. Techniques and Instrumentation in Analytical Chemistry, 1988, 8, 19-121.	0.0	6
142	Chapter 4 Analysis of Biological Samples by X-Ray Attenuation Measurements. Techniques and Instrumentation in Analytical Chemistry, 1988, 8, 181-194.	0.0	0
143	Biomedical applications of photon-induced X-ray fluorescence. Biological Trace Element Research, 1987, 13, 371-382.	3.5	1
144	USING A COMPUTED TOMOGRAPHY MINISCANNER IN SOIL SCIENCE. Soil Science, 1986, 142, 56.	0.9	79

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145	Analysis of Urinary Calculi Using Photon Induced X-ray Fluorescence (XRF). British Journal of Urology, 1986, 58, 253-255.	0.1	3
146	Differential attenuation of X-rays: Analytical applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1985, 239, 367-370.	1.6	4
147	Biomedical applications of energy dispersive X-ray fluorescence. TrAC - Trends in Analytical Chemistry, 1985, 4, 65-69.	11.4	3
148	Trace element analysis in biological samples by using XRF spectrometry with secondary radiation. Physics in Medicine and Biology, 1983, 28, 1209-1218.	3.0	25
149	ANALYSIS OF SILVER OBJECTS BY SCATTERING AND BY X-RAY FLUORESCENCE OF MONOENERGETIC GAMMA-RAYS. Archaeometry, 1982, 24, 170-180.	1.3	7
150	Analysis of silver alloys by elastic and inelastic scattering of gamma rays. Nuclear Instruments & Methods, 1981, 179, 545-549.	1.2	13
151	Elemental analysis by means of X-ray attenuation measurements. Nuclear Instruments & Methods, 1980, 169, 551-555.	1.2	8
152	Determination of red cell survival in rabbits by fluorescent excitation analysis of stable rubidium. Medical Physics, 1980, 7, 97-100.	3.0	2
153	Non-destructive analysis of silver alloys by means of low energy $\gamma$ -rays and neutron transmission measurements. The International Journal of Applied Radiation and Isotopes, 1979, 30, 589-594.	0.7	9
154	In vitro labeling of platelets with stable rubidium compounds. European Journal of Nuclear Medicine and Molecular Imaging, 1978, 3, 91-93.	2.1	2
155	X-ray energy spectrometry: Application in the study of the ion-exchange kinetics. The International Journal of Applied Radiation and Isotopes, 1977, 28, 301-305.	0.7	0
156	Comparison between the minimum detection limits of radioisotope X-ray fluorescence technique and activation analysis with a low intensity $^{252}\text{Cf}$ neutron source. Journal of Radioanalytical Chemistry, 1976, 34, 151-156.	0.5	1
157	Sensitivity of radioisotope XRF technique with particular reference to portable units. Journal of Radioanalytical Chemistry, 1976, 34, 157-170.	0.5	15
158	Trace elements analysis in biological samples by radioisotopic X-ray fluorescence. European Journal of Nuclear Medicine and Molecular Imaging, 1976, 1, 49-56.	2.1	5
159	In vitro labelling of platelets with stable selenocystine. The International Journal of Applied Radiation and Isotopes, 1976, 27, 324-326.	0.7	3
160	XRF analysis improvement by a simple and fast pre-enrichment method. The International Journal of Applied Radiation and Isotopes, 1976, 27, 58-60.	0.7	11
161	Determination of hemodynamic parameters in the rabbit by X-ray fluorescence excitation. The International Journal of Applied Radiation and Isotopes, 1975, 26, 285-286.	0.7	7
162	Analysis of iron in blood using radioisotopic-excited x-ray fluorescence. Medical Physics, 1974, 1, 163-164.	3.0	9

#	ARTICLE	IF	CITATIONS
163	NON-DESTRUCTIVE ANALYSIS OF ANCIENT BRONZES. <i>Studies in Conservation</i> , 1973, 18, 64-80.	1.1	16
164	NON-DESTRUCTIVE ANALYSIS OF CHEMICAL ELEMENTS IN PAINTINGS AND ENAMELS. <i>Archaeometry</i> , 1972, 14, 65-78.	1.3	29
165	Rapid non-destructive analysis of ancient bronzes. <i>The International Journal of Applied Radiation and Isotopes</i> , 1972, 23, 198-201.	0.7	9
166	The 205Tl level scheme as investigated by nuclear resonant scattering of 7646 keV $\gamma$ -rays. <i>Nuclear Physics A</i> , 1970, 141, 561-576.	1.5	14
167	Gamma-ray transitions and gamma-gamma angular correlations in $^{152}\text{Sm}$ . <i>Il Nuovo Cimento B</i> , 1969, 62, 20-35.	0.1	10
168	Nuclear resonant scattering of gamma rays in Ni, Cd, Sn and Bi. <i>Nuclear Physics A</i> , 1969, 132, 512-528.	1.5	35