

Yves MÃ©nesguen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Structure of single K $L\alpha_1$, double K $L\alpha_2$, and triple K $L\alpha_3$ ionization in Mg, Al, and Si targets induced by photons, and their absorption spectra. Radiation Physics and Chemistry, 2022, 194, 110048.	2.8	4
2	COLEGRAM, a flexible user-friendly software for processing of ionizing radiation spectra. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2021, 1003, 165341.	1.6	13
3	Quantitative depth-profile analysis of transition metal nitride materials with combined grazing-incidence X-ray fluorescence and X-ray reflectometry analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 171, 105926.	2.9	5
4	Structure of K_{α_1} and K_{α_2} emission x-ray spectra for Se, Y, and Zr. Physical Review A, 2020, 102, .	2.5	6
5	Experimental determination of L_{α} fluorescence yields of gadolinium. X-Ray Spectrometry, 2020, 49, 596-602.	1.4	4
6	Grazing-incidence X-ray fluorescence analysis of thin chalcogenide materials deposited on Bragg mirrors. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2020, 168, 105864.	2.9	1
7	Precise x-ray energies of gadolinium determined by a combined experimental and theoretical approach. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 236, 106585.	2.3	5
8	Advances in the measurements of the mass attenuation coefficients. X-Ray Spectrometry, 2019, 48, 330-335.	1.4	7
9	Experimental determination of the x-ray atomic fundamental parameters of nickel. Metrologia, 2018, 55, 56-66.	1.2	29
10	Experimental and theoretical determination of the L-fluorescence yields of bismuth. Metrologia, 2018, 55, 621-630.	1.2	5
11	Grazing incident X-ray fluorescence combined with X-ray reflectometry metrology protocol of telluride-based films using in-lab and synchrotron instruments. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2018, 149, 143-149.	2.9	9
12	A combined experimental and theoretical approach to determine X-ray atomic fundamental quantities of tin. X-Ray Spectrometry, 2018, 47, 341-351.	1.4	14
13	CASTOR, a new instrument for combined XRR&GIXRF analysis at SOLEIL. X-Ray Spectrometry, 2017, 46, 303-308.	1.4	16
14	Measurement of K fluorescence yields of niobium and rhodium using monochromatic radiation. X-Ray Spectrometry, 2017, 46, 341-346.	1.4	5
15	Elemental depth profiling in transparent conducting oxide thin film by X-ray reflectivity and grazing incidence X-ray fluorescence combined analysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 135, 22-28.	2.9	16
16	High accuracy experimental determination of copper and zinc mass attenuation coefficients in the 100 eV to 30 keV photon energy range. Metrologia, 2016, 53, 7-17.	1.2	31
17	Measurement of partial L fluorescence yields of bismuth using synchrotron radiation. Applied Radiation and Isotopes, 2016, 109, 133-138.	1.5	3
18	A new generation of x-ray spectrometry UHV instruments at the SR facilities BESSY II, ELETTRA and SOLEIL, , .		5

#	ARTICLE	IF	CITATIONS
19	Determination of absolute photon emission intensities of ^{210}Pb . Applied Radiation and Isotopes, 2016, 109, 500-506.	1.5	7
20	Approaches for theoretical and experimental determinations of K -shell decay rates and fluorescence yields in Ge. Physical Review A, 2014, 89, .	2.5	23
21	Implementation of an imaging spectrometer for localization and identification of radioactive sources. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2014, 763, 97-103.	1.6	10
22	Low Energy Characterization of Caliste HD, a Fine Pitch CdTe-Based Imaging Spectrometer. IEEE Transactions on Nuclear Science, 2013, 60, 3824-3832.	2.0	15
23	Implementation of an imaging spectrometer for localization and identification of radioactive sources. , 2013, , .		2
24	Standardization of ^{64}Cu using an improved decay scheme. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 684, 97-104.	1.6	8
25	Efficiency calibration and surface mapping of an energy-dispersive detector with SOLEX: A compact tunable monochromatic X-ray source. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 695, 193-196.	1.6	10
26	Characterization of the Metrology beamline at the SOLEIL synchrotron and application to the determination of mass attenuation coefficients of Ag and Sn in the range $3.5 \text{ eV} < E < 17 \text{ keV}$. X-Ray Spectrometry, 2011, 40, 411-416.	2.4	17
27	Aperiodic multilayer mirrors for efficient broadband reflection in the extreme ultraviolet. Applied Physics A: Materials Science and Processing, 2010, 98, 305-309.	2.3	15
28	Mass attenuation coefficients in the range , K fluorescence yield and relative X-ray emission rate for Ti, V, Fe, Co, Ni, Cu and Zn measured with a tunable monochromatic X-ray source. Nuclear Instruments & Methods in Physics Research B, 2010, 268, 2477-2486.	1.4	37
29	Reference-Free Combined X-Ray Reflectometry~Grazing Incidence X-Ray Fluorescence at the French Synchrotron SOLEIL. Physica Status Solidi (A) Applications and Materials Science, 0, , 2100423.	1.8	2