Yves MÃ©nesguen

List of Publications by Year
in descending order

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29	324	933447	940533
papers	citations	10 h-index	16 g-index

29	29	29	265
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	High accuracy experimental determination of copper and zinc mass attenuation coefficients in the 100â€‰eV to 30 keV photon energy range. Metrologia, 2016, 53, 7-17.	1.2	31
3	Experimental determination of the x-ray atomic fundamental parameters of nickel. Metrologia, 2018, 55, 56-66.	1.2	29
4	Approaches for theoretical and experimental determinations of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math>-shell decay rates and fluorescence yields in Ge. Physical Review A, 2014, 89, .	2.5	23
5	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 3.5â€‰â‰‰â€‰Eâ€‰â‰‰â€‰28â€‰keV. X-Ray Spectrometry, 2011, 40, 411-416.	1.7	
6	CASTOR, a new instrument for combined XRRâ€GIXRF analysis at SOLEIL. X-Ray Spectrometry, 2017, 46, 303-308.	1.4	16
7	Elemental depth profiling in transparent conducting oxide thin film by X-ray reflectivity and grazing incidence X-ray fluorescence combinedÂanalysis. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2017, 135, 22-28.	2.9	16
8	Aperiodic multilayer mirrors for efficient broadband reflection inÂtheÂextreme ultraviolet. Applied Physics A: Materials Science and Processing, 2010, 98, 305-309.	2.3	15
9	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
10	A combined experimental and theoretical approach to determine Xâ€ray atomic fundamental quantities of tin. X-Ray Spectrometry, 2018, 47, 341-351.	1.4	14
11	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
12	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
13	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
14	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
15	Standardization of 64Cu 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
16	Determination of absolute photon emission intensities of 210 Pb. Applied Radiation and Isotopes, 2016, 109, 500-506.	1.5	7
17	Advances in the measurements of the mass attenuation coefficients. X-Ray Spectrometry, 2019, 48, 330-335.	1.4	7
18	Structure of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>K</mml:mi><mml:msub><mml:mi>Î±</mml:mi><mml:mrc - and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>K</mml:mi><mml:msub><mml:mi>Î²</mml:mi><mml:mrc -emission x-ray spectra for Se, Y, and Zr. Physical Review A, 2020, 102, .	2.5	6

#	Article	IF	Citations
19	A new generation of x-ray spectrometry UHV instruments at the SR facilities BESSY II, ELETTRA and SOLEIL. , 2016, , .		5
20	Measurement of K fluorescence yields of niobium and rhodium using monochromatic radiation. X-Ray Spectrometry, 2017, 46, 341-346.	1.4	5
21	Experimental and theoretical determination of the L-fluorescence yields of bismuth. Metrologia, 2018, 55, 621-630.	1.2	5
22	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
23	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
24	Experimental determination of L fluorescence yields of gadolinium. X-Ray Spectrometry, 2020, 49, 596-602.	1.4	4
25	Structure of single KL0â€“, double KL1â€“, and triple KL2 â^' ionization in Mg, Al, and Si targets induced by photons, and their absorption spectra. Radiation Physics and Chemistry, 2022, 194, 110048.	2.8	4
26	Measurement of partial L fluorescence yields of bismuth using synchrotron radiation. Applied Radiation and Isotopes, 2016, 109, 133-138.	1.5	3
27	Implementation of an imaging spectrometer for localization and identification of radioactive sources. , 2013, , .		2
28	Referenceâ€Free Combined Xâ€Ray Reflectometryâ^'Grazing Incidence Xâ€Ray Fluorescence at the French Synchrotron SOLEIL. Physica Status Solidi (A) Applications and Materials Science, 0, , 2100423.	1.8	2
29	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