

# Tuba AkkuÅ

## List of Publications by Year in descending order

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19  
papers

52  
citations

2258059

3  
h-index

1872680

6  
g-index

19  
all docs

19  
docs citations

19  
times ranked

25  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polar and azimuthal angular dependence of coherent to incoherent scattering differential cross-section ratios of Au at 59.54 keV. Radiation Physics and Chemistry, 2015, 117, 167-171.	2.8	11
2	Variation of coherent to Compton scattering differential cross-section ratios of some lanthanides with the external magnetic field at 59.54 keV. Results in Physics, 2019, 13, 102265.	4.1	9
3	Dependence of albedo factors on mean atomic number for 662 keV gamma photons. Applied Radiation and Isotopes, 2019, 154, 108870.	1.5	7
4	Determination of number, energy and dose albedos of samples with various mean atomic number for 59.54 keV gamma-rays. Radiation Physics and Chemistry, 2020, 170, 108579.	2.8	4
5	An experimental study on the angular dependence of coherent to Compton scattering differential cross-section ratios of calcium. Turkish Journal of Physics, 2018, 42, 368-377.	1.1	3
6	X- and gamma-ray irradiation effects on vanadium pentoxide thin films. Spectroscopy Letters, 2018, 51, 297-301.	1.0	3
7	L-shell differential cross-section and alignment of uranium at 59.54-keV photon energy. Applied Radiation and Isotopes, 2017, 130, 60-65.	1.5	2
8	Angular dependence of L X-rays of samarium, hafnium, and lead. Spectroscopy Letters, 2019, 52, 261-266.	1.0	2
9	Variation of scattering intensity ratios with mean atomic number using a dilution technique in EDXRF. Applied Radiation and Isotopes, 2019, 145, 7-11.	1.5	2
10	Measurement of coherent to Compton scattering differential cross-section ratios of cadmium at different momentum transfer factors. Canadian Journal of Physics, 2020, 98, 102-106.	1.1	2
11	Albedo factors of some boron compounds at 59.54 keV. Applied Radiation and Isotopes, 2021, 174, 109756.	1.5	2
12	Buildup factors and kerma for Al <sub>2</sub> O <sub>3</sub> and SiO <sub>2</sub> in the energy range 0.015-15 MeV. AIP Conference Proceedings, 2017, , .	0.4	1
13	L X-ray relative intensity ratios of uranium, lead, hafnium and samarium. AIP Conference Proceedings, 2018, , .	0.4	1
14	Effect of mechanical noise upon X-ray fluorescence analysis. Instrumentation Science and Technology, 2019, 47, 666-677.	1.8	1
15	The effect of enhancement factor on the angular dependence of L x-ray intensity ratios for Sm, Hf, Pb and U. Radiation Physics and Chemistry, 2020, 166, 108499.	2.8	1
16	Mean atomic number analysis by the coherent to backscattering intensity ratios at 59.54 and 661.62 photon energies. Applied Radiation and Isotopes, 2020, 155, 108926.	1.5	1
17	The coherent to Compton scattering differential cross section ratios of some fifth period elements in the external magnetic field. Indian Journal of Physics, 2020, 94, 1699-1703.	1.8	0
18	Angular Dependence of $L_{\alpha_1}/L_{\alpha_2}$ , $L_{\alpha_1}/L_{\alpha_2}^2$ and $L_{\alpha_1}/L_{\alpha_2}^3$ X-ray Intensity Ratios of Lead at 59.54 keV Photon Energy. Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 2022, 15, 233-241.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Influence of the sample thickness upon the albedo factors using 59.54 and 662â€™keV photon energies. Instrumentation Science and Technology, 0, , 1-9.	1.8	0