Harpreet Singh Kainth

List of Publications by Year
in descending order

29	168	1163117 8	1199594 12
papers	citations	h-index	g-index

30	30	30	63
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of heating rate on thermoluminescence output of LiF: Mg, Ti (TLD-100) in dosimetric applications. Nuclear Instruments & Methods in Physics Research B, 2018, 426, 22-29.	1.4	24
2	Chemical shift in LÎ±, LÎ², LÎ², LÎ², LÎ³ and LÎ³ emission lines of 47Ag, 48Cd and 50Sn compounds. Nuclear Instruments & Methods in Physics Research B, 2018, 414, 84-98.	1.4	18
3	Study of chemical shift in Ll and LÆž Xâ€ray emission lines in different chemical forms of ₄₈Cd and ₅₀Sn compounds using WDXRF technique. X-Ray Spectrometry, 2018, 47, 116-126.	1.4	15
4	Chemical shifts of L 3 X-ray absorption edges on lead and thallium compounds by DEXAFS using synchrotron radiation source. Nuclear Instruments & Methods in Physics Research B, 2017, 407, 197-202.	1.4	12
5	Effect of chemical environment on K shell emission lines of transition and post transition compounds. Journal of Electron Spectroscopy and Related Phenomena, 2018, 223, 53-61.	1.7	12
6	Structure of high resolution LÎ± and LÎ²1 x-ray emission spectra of 38Sr compounds. Journal of Alloys and Compounds, 2019, 782, 404-412.	5.5	11
7	Chemical state analysis of Cl KÎ± and KÎ²1,3 X-ray emission lines using polychromatic WDXRF spectrometer. Nuclear Instruments & Methods in Physics Research B, 2018, 416, 62-67.	1.4	10
8	Chemical effects in K emission spectra of 38Sr compounds. Radiation Physics and Chemistry, 2019, 158, 209-217.	2.8	9
9	Trace elemental analysis of human breast cancerous blood by advanced PC-WDXRF technique. Nuclear Instruments & Methods in Physics Research B, 2018, 419, 44-48.	1.4	6
10	Study of detection limit and sensitivity of <scp>K</scp>Î± and <scp>L</scp>Î± spectral lines of <scp>₄₇Ag</scp>, <scp>₄₈Cd,</scp> and <scp>₅₀Sn</scp> elements using polychromatic wavelength dispersive <scp>X</scp>â€ray spectrometer. X-Ray Spectrometry, 2018, 47, 382-387.	1.4	6
11	A comparative study for surface dose evaluation in conventional treatment of carcinoma breast patients irradiated with Co-60 and 6 MV radiation beam. Journal of Cancer Research and Therapeutics, 2019, 15, 1035.	0.9	6
12	High-resolution atomic structures of rubidium compounds in L X-ray spectral lines: a promising exploration for chemical analysis. Journal of Analytical Atomic Spectrometry, 2020, 35, 1187-1198.	3.0	5
13	Influence of binding effects in cerium materials for Lq (q = l, Æž and Î±1,2) X-ray emission spectra. Journal of Alloys and Compounds, 2021, 881, 160617.	5.5	5
14	Measurement of L XRF cross sections for elements with 33â€‰â€Zâ€‰â€51 and their interpretation in terms of L (iâ€=â€1â€“3) subshell vacancy decay parameters. Nuclear Instruments & Methods in Physics Research B, 2018, 429, 19-26.	1.4	4
15	Evaluation of chemical speciation on Lp (p = l, Î±, Î·, Î²) X-ray emission peaks of thallium compounds with a wavelength-dispersive spectrometer. Journal of Analytical Atomic Spectrometry, 2020, 35, 2935-2947.	3.0	4
16	Measurement of large angle Rayleigh scattering cross sections for 39.5, 40.1 and 45.4 keV photons in elements with 26 â‰ Z â‰ 83. Applied Radiation and Isotopes, 2017, 128, 125-131.	1.5	3
17	Observation of chemical speciation on L X-ray emission spectra for gadolinium (III) materials. Journal of Alloys and Compounds, 2022, 902, 163783.	5.5	3
18	Alignment of L 3 subshell vacancy states created without Costerâ€“Kronig decay through the selective photoionization in 82Pb, 90Th and 92U and effect of external magnetic field. European Physical Journal D, 2017, 71, 1.	1.3	2

#	Article	IF	Citations
19	Rayleigh scattering of 66Dy-K X-rays in elements with 22 â‰¤ Z â‰¤ 90. Radiation Physics and Chemistry, 2017, 141, 257-263.	2.8	2
20	Instrumental detection limit and sensitivity of K and L shell X-ray emission lines of 17 Cl, 37 Rb, and 38 Sr elements using PC-WDXRF spectrometer. X-Ray Spectrometry, 2018, 47, 352-358.	1.4	2
21	Chemical effect on LÎ³4 and LÎ³5 X-ray lines in Thallium complexes. Radiation Physics and Chemistry, 2020, 176, 109088.	2.8	2
22	Role of Trace Elements in Breast Cancer and Their Characterization Using X-Ray Fluorescence Techniques. , 0, , .		2
23	Measurements of elastic scattering cross sections for 25.2, 28.5, 37.4, 36.8, and 42.2ÂkeV Xâ€ray photons in elements with 22Ââ‰ÂZÂâ‰Â83. X-Ray Spectrometry, 2018, 47, 459-474.	1.4	1
24	Impact of intensity ratio correction on <scp>WDXRF</scp> spectra from interpretation from 2Î¸ scale to energy scale. X-Ray Spectrometry, 2020, 49, 622-624.	1.4	1
25	Evaluation of positional accuracy of the Varian's exact-arm and retractable-arm support electronic portal imaging device using intensity-modulated radiotherapy graticule phantom. Journal of Cancer Research and Therapeutics, 2019, 15, 204.	0.9	1
26	Measurement of uranium in phosphate fertilizers for groundwater contamination employing X-ray and Î³-ray spectroscopic techniques. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 1715.	1.5	1
27	Study of chemical shift in KÎ±, KÎ²1,3 and KÎ²// X-ray emission lines of 37Rb compounds with WDXRF. AIP Conference Proceedings, 2018, , .	0.4	0
28	Calibration curves of K and L spectral lines of elements 19 â‰¤ Z â‰¤ 92 in standard aqueous solution with WDXRF. AIP Conference Proceedings, 2020, , .	0.4	0
29	Study of energy shift in LÎ³1 x-ray emission lines of thallium complexes. AIP Conference Proceedings, 2021, , .	0.4	0