

Accepted Manuscript

Research paper

The semi-empirical determination of KLL Auger, K_1 and K_2 X-ray line widths for sulfur atom in new 1,2,4-triazol compounds containing thiophene ring

N. Kup Aylikci, K. Sancak, V. Aylikci, E. Tirasoglu, D. Unluer, M. Ozakturk, T. Depci

PII: S0009-2614(18)30460-3
DOI: <https://doi.org/10.1016/j.cplett.2018.05.070>
Reference: CPLETT 35686

To appear in: *Chemical Physics Letters*

Received Date: 25 March 2018
Revised Date: 8 May 2018
Accepted Date: 27 May 2018

Please cite this article as: N. Kup Aylikci, K. Sancak, V. Aylikci, E. Tirasoglu, D. Unluer, M. Ozakturk, T. Depci, The semi-empirical determination of KLL Auger, K_1 and K_2 X-ray line widths for sulfur atom in new 1,2,4-triazol compounds containing thiophene ring, *Chemical Physics Letters* (2018), doi: <https://doi.org/10.1016/j.cplett.2018.05.070>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



The semi-empirical determination of KLL Auger, K_1 and K_2 X-ray line widths for sulfur atom in new 1,2,4-triazol compounds containing thiophene ring

**N. Kup Aylikci^{a1}, K. Sancak^b, V. Aylikci^c, E Tirasoglu^d, D. Unluer^b, M. Ozakturk^a,
T. Depci^e**

^aEnergy Systems Engineering, Faculty of Engineering and Natural Sciences, Iskenderun
Technical University, 31200, Hatay, Turkey

^bDepartment of Chemistry, Faculty of Arts and Sciences, Karadeniz Technical University,
61080, Trabzon, Turkey

^cMetallurgical and Materials Engineering, Faculty of Engineering and Natural Sciences,
Iskenderun Technical University, 31200, Hatay, Turkey

^dDepartment of Physics, Faculty of Arts and Sciences, Karadeniz Technical University, 61080,
Trabzon, Turkey

^eDepartment of Engineering Sciences, Faculty of Engineering and Natural Sciences, Iskenderun
Technical University, 31200, Hatay, Turkey

¹ Corresponding author. Tel/Fax: +90-326-613-5600/+90-326-613-5613
E-mail address: nuray.aylikci@iste.edu.tr, nuraylikci@gmail.com

Download English Version:

<https://daneshyari.com/en/article/7837716>

Download Persian Version:

<https://daneshyari.com/article/7837716>

[Daneshyari.com](https://daneshyari.com)