

Curriculum Vitae

Personal Info:

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Education:

Fab 2024- Now **Assistant Professor**

2023 - Now The head of studies and examination office in physics department

2020 – Jan 2024 **Lecturer**
Faculty of Science, University of Tripoli, Libya

2014-2018 **PhD in physics**
Ain Shams University, Egypt
Title: Factors Controlling Radionuclides Migration within
Different Media.

2011-2013 **M.Sc in physics**
Helwan University, Egypt
Title: Environmental studies of natural radioactivity of selected sites
in Tajoura region – north Libya.

2007-2010 **Teacher assistant**
Faculty of Science, University of Tripoli, Libya

2007 **Bsc in Physics**
Faculty of Science, University of Tripoli, Libya

Publications:

- Sroor, S.M El-Bahi, R.A.M. Rizk, M. M. Ahmed, **K. M. Musa**, "Assessment of radiological hazards due to the natural radioactivity in soil of selected sites in Tajoura region – north Libya, "Isotope and radiation research (2013).

- Abd El-Halim E.S., Sroor A., El-Bahi S.M., Ibrahim E. El-Aassy., Enass M. El Sheikh and **Musa K.M.**, " ASSESSMENT OF RADIOACTIVITY LEVELS AND HAZARDS FOR SOME SEDIMENTARY ROCK SAMPLES IN DIFFERENT LOCALITIES SOUTHWESTERN, SINAI, EGYPT" International Journal of Recent Scientific Research, Vol. 8, Issue, 11, pp. 21916-21922, November, (2017).
- E.S. Abd El-Halim, A. Sroor, S.M. El-Bahi, Ibrahim E. El-Aassy, Enass M. El Sheikh, **K.M. Musa**, "Factors Controlling Radionuclides Migration within Different Media", IOSR Journal of Applied Physics (IOSR-JAP) , vol. 9, no. 6, pp. 34-41. (2017).
- Mohamed E. Kelabi , Ahmed Elhmassi , **Karima M. Musa** , Elham Younes , and Samira E. Abushnag, "Radii of Ellipsoid Shaped Nuclei", The Libyan Journal of Science- University of Tripoli Vol. 25, No. 01 (2022) 1-3
- **K.M. Musa**, Naima M Al-kbasy, Asma. A. Abouaza. "Assessment of radioactivity levels and hazards for some soil samples from different localities, Zintan city, Libya", Rwfed Al- Maerefah Journal – Faculty of Sciences – Azzaytuna University. Vol. 10, No. 02, pp 92-98, (2023).
- Naima .M. Al-kbasy, **K.M. Musa**, Asma. A. Abouaza, "Natural radioactivity measurements and excessive lifetime cancer risk for some surface Soil samples in (Al-Jabal Al-Gharbi) Mountain, (Awiniya) Region, Libya", Humanities & Natural Sciences Journal, Volume 5. Issue1, pp 185-193. HNSJ, 2024, 5(1); <https://doi.org/10.53796/hnsj51/14>
- Souad M. Bogrin, **Karima. M. Musa**, Sadiq M. El-kadi, "Calculation of Positive and Negative Parity Energy Levels Using IVBM for Some Molybdenum Isotopes and Determination of Their Properties" African Journal of Advanced Pure and Applied Sciences (AJAPAS), Online ISSN: 2957-644X Volume 3, Issue 1, January-March 2024, Page No: 120-126 <https://aaasjournals.com/index.php/ajapas/article/view/704>
- **K.M. Musa**, Naima .M. Al-kbasy, Souad M. Bogrin, "Estimation of ^{137}Cs in some surface Soil samples from different localities in Zintan City and Awiniya Region, (Al-Jabal Al-Gharbi) Mountain, Libya." Humanities & Natural Sciences Journal, Volume 5. Issue9, pp 318-324; HNSJ, 2024, 5(9); <https://doi.org/10.53796/hnsj59/24>