**الأبحاث العلمية :د/ تيسير النجار**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Title of the paper / book** | **Date of publication** | **Journal/publisher** |
| **1** | **.Distribution of radionuclides in soil samples from a petrified wood forest in El-Qattamia, Cairo, Egypt..** | **67, 643–649. (2009)** | **Applied Radiation and Isotopes** |
| **2** | **Soil radioactivity levels and radiation hazard Assessment for some populated areas, Cairo, Egypt.** | **.(2011). 44(1), 199-210.** | **Arab Journal of Nuclear Sciences and Applications. ISSN 1110-0451.** |
| **3** | **Measurement of Radionuclides (226Ra, 228Ra, 222Rn, 214Bi, and 214Pb) in Groundwater, Drinking water, and Sabkha water , Bahariya Oasis, Western Desert, Egypt.** | **(2012) 29, 1-10.** | **Journal of Scientific Research in Arts, Sciences and Education (Faculty of Girls, Ain Shams University) .** |
| **4** | **Activity equilibrium of 238U and its daughter 234Th in different types of water in Bahariya Oasis, Western Desert, Egypt".** | **(2012) 29, 1-8.** | **Journal of Scientific Research in Arts, Sciences and Education (Faculty of Girls, Ain Shams University) .** |
| **5** | **The Activity Concentrations of 222Rn in Some Groundwater Wells, Najran City, Saudi Arabia.** | **(2017). 32 ( 2), 166-173.** | **Nuclear Technology & Radiation Protection.** |
| **6** | **Tayseer I. AL-Naggar, Doaa H. Shabaan . (). Simple Analysis of Radioactivity, and Assessment of Radiological Hazards in Different Types of Household Foods.** | **(2018)**  **9 (3), 24838-24843. http://dx.doi.org/10.24327/ijrsr.2018.0903.1736** | **International Journal of Recent Scientific Research.** |
| **7** | **Estimation of indoor radon levels using etched track detector** | **(2018). 11, 355–360.** | **Journal of Radiation Research and Applied Sciences. https://doi.org/10.1016/j.jrras.2018.07.002** |
| **8** | **Study the modifications induced by alpha particles in cellulose nitrate NTD.** | **(2019).** | **Vacuum 160, 31–36. https://doi.org/10.1016/j.vacuum.2018.11.003** |
| **9** | **Estimation of radiologic hazards of radon resulting from ceramic tiles used in Najran city.** | **(2019). 12( 1), 210–218.** | **Journal of Radiation Research and Applied Scienceshttps://doi.org/10.1080/16878507.2019.1635759** |
| **10** | **Improvement in Optical Properties of Nuclear Track Detector..** | **(2019).** | **Nuclear Science** |
| **11** | **Monitoring the levels of radon and toxic elements pollutants in bottled drinking water.** | **18, (3). (2020).** | **International Journal of Radiation Research (IJRR).** |
| **12** | **T A Study of the Optical Characteristics of CR-39 Nuclear Track Detector Using Ultraviolet Irradiation.** | **Vol. 54, 4, 85 -88, (2021)** | **Arab J. Nucl. Sci. Appl.,** |
| **13** | **Radon gas build up using alpha scintillation cell: Experimentally and theoretically.** | **175 (2021) 109796.** | **Applied Radiation and Isotopes** |
| **14** | **Structural, optical and electrical properties of Poly(Methyl Methacrylate) polymer under alpha radiation.** | **(2021) 24–28.** | **Nuclear Instruments and Methods in Physics Research B 508** |
| **15** | **Alpha particles detection using P3HT conducting polymer-coated DAM-ADC.** | **190 (2022) 109820.** | **Radiation Physics and Chemistry** |
| **16** | **Improve the surface structural and optical properties of PM‑355 polymer by alpha particles.** | **(2022).** | **Polymer Bulletin.** [**https://doi.org/10.1007/s00289-021-04042-9**](https://doi.org/10.1007/s00289-021-04042-9)**.** |
| **17** | **Detection efficiency of alpha particles using CR-39 nuclear detector- etched with BSW..** | **.(2022).**  [**515**](https://www-sciencedirect-com.sdl.idm.oclc.org/journal/nuclear-instruments-and-methods-in-physics-research-section-b-beam-interactions-with-materials-and-atoms/vol/515/suppl/C)**,  Pages 61-68** | [**Nuclear Instruments and Methods in Physics Research Section B: Beam Interactions with Materials and Atoms**](https://www-sciencedirect-com.sdl.idm.oclc.org/journal/nuclear-instruments-and-methods-in-physics-research-section-b-beam-interactions-with-materials-and-atoms)**.** |
| Books | | | |
| **18** | **Chapter No 8 " Radon Calibration System" in book "Radon** | **11/2017**  **ISSN**  **978-953-51-3656-9** | **Published by InTech**  **Janeza Trdine 9, 51000 Rijeka,**  **Croatia** |
| **19** | ***Chapter No 5 " Radon Exposure and Measurement" in book "Radon Detection,******Exposure, and Control"*** | **ISSN**  **987-1-53616-792-4**  **2020** | **Nova science Publishers**  **New York** |
| **20** | **Chapter No 5 " Radon in Foods" in book "Recent Techniques and**  **Applications in Ionizing**  **Radiation Research** | **978-1-83962-885-6 ISSN**  **2021** | **Published in London, UK**  **IntechOpen**  **© sakkmesterke / iStock** |
| **21** | **"Radioactivity Analysis and Measurement".** | **2017.** | **LAMBERT Academic Publishing, ISBN : 978-3-330-06426-3,** |