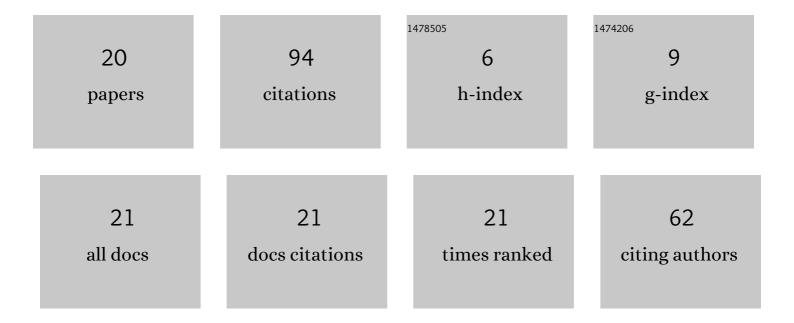
Abdulsalam Alhawsawi

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Simulation Analysis for Thermal Neutron Applications of ABS 3D Printing Filament Doped with Nanoparticles. Arabian Journal for Science and Engineering, 2022, 47, 795-799. | 3.0 | 1 |
| 2 | Prompt gamma-ray methods for industrial process evaluation: A simulation study. Nukleonika, 2022, 67, 11-18. | 0.8 | 0 |
| 3 | Factors controlling groundwater radioactivity in arid environments: An automated machine learning approach. Science of the Total Environment, 2022, 830, 154707. | 8.0 | 10 |
| 4 | Bending and Buckling of FG-GRNC Laminated Plates via Quasi-3D Nonlocal Strain Gradient Theory. Mathematics, 2022, 10, 1321. | 2.2 | 20 |
| 5 | Utilization of an energy-resolving detection system for mammography applications: A preliminary study. Nukleonika, 2022, 67, 35-40. | 0.8 | 0 |
| 6 | Position Sensing in CdZnTe Semiconductor Detectors via Proximity Charge Sensing Pixels. Arabian Journal for Science and Engineering, 2021, 46, 687-696. | 3.0 | 0 |
| 7 | Radiological characterization of the phosphate deposit in Al-Jalamid phosphate mining area, Saudi Arabia. Nukleonika, 2021, 66, 35-44. | 0.8 | 1 |
| 8 | A virtual laboratory for radiotracer and sealed-source applications in industry. Nukleonika, 2021, 66, 21-27. | 0.8 | 0 |
| 9 | ESTIMATION OF THERMAL & amp; EPITHERMAL NEUTRON FLUX AND GAMMA DOSE DISTRIBUTION IN A MEDICAL CYCLOTRON FACILITY FOR RADIATION PROTECTION PURPOSES USING GOLD FOILS AND GATE 9. Radiation Protection Dosimetry, 2021, 193, 176-184. | 0.8 | 2 |
| 10 | Estimation of Dose Enhancement for Inhomogeneous Distribution of Nanoparticles: A Monte Carlo Study. Applied Sciences (Switzerland), 2021, 11, 4900. | 2.5 | 1 |
| 11 | Production of actinium-225 from a (n,p) reaction: Feasibility and pre-design studies. Nukleonika, 2021, 66, 61-67. | 0.8 | 1 |
| 12 | Binary nickel and silver oxides by thermal route: preparation and characterization. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 3 |
| 13 | The Effect of Precursor Concentration on the Particle Size, Crystal Size, and Optical Energy Gap of CexSn1â°'xO2 Nanofabrication. Nanomaterials, 2021, 11, 2143. | 4.1 | 9 |
| 14 | A review on preparation and characterization of silver/nickel oxide nanostructures and their applications. Applied Physics A: Materials Science and Processing, 2021, 127, 1. | 2.3 | 2 |
| 15 | An Integrated Approach to the Realization of Saudi Arabia's Energy Sustainability. Sustainability, 2021, 13, 205. | 3.2 | 2 |
| 16 | Simulation of Coplanar Proximity Charge Sensing Electrodes in CZT Detectors. Arabian Journal for Science and Engineering, 2020, 45, 4949-4957. | 3.0 | 1 |
| 17 | A compton-suppressed phoswich detector for gamma spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 63-68. | 1.5 | 8 |
| 18 | A Phoswich Detector With Compton Suppression Capability for Radioxenon Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 456-464. | 2.0 | 23 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Small Prototype Gamma Spectrometer Using CsI(Tl) Scintillator Coupled to a Solid-State Photomultiplier. IEEE Transactions on Nuclear Science, 2013, 60, 968-972. | 2.0 | 9 |
| 20 | Exposure Determination in Gamma-Ray Radiography for Mammography Applications. Arabian Journal for Science and Engineering, 0, , . | 3.0 | 1 |