

Abdulsalam Alhawsawi

List of Publications by Year in descending order

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papers

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docs citations

21
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62
citing authors

#	ARTICLE	IF	CITATIONS
1	A Phoswich Detector With Compton Suppression Capability for Radioxenon Measurements. IEEE Transactions on Nuclear Science, 2013, 60, 456-464.	2.0	23
2	Bending and Buckling of FG-GRNC Laminated Plates via Quasi-3D Nonlocal Strain Gradient Theory. Mathematics, 2022, 10, 1321.	2.2	20
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	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
5	The Effect of Precursor Concentration on the Particle Size, Crystal Size, and Optical Energy Gap of CexSn1-xO2 Nanofabrication. Nanomaterials, 2021, 11, 2143.	4.1	9
6	A compton-suppressed phoswich detector for gamma spectroscopy. Journal of Radioanalytical and Nuclear Chemistry, 2013, 296, 63-68.	1.5	8
7	Binary nickel and silver oxides by thermal route: preparation and characterization. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	2.3	3
8	ESTIMATION OF THERMAL & 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
9	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
10	An Integrated Approach to the Realization of Saudi Arabia's Energy Sustainability. Sustainability, 2021, 13, 205.	3.2	2
11	Simulation of Coplanar Proximity Charge Sensing Electrodes in CZT Detectors. Arabian Journal for Science and Engineering, 2020, 45, 4949-4957.	3.0	1
12	Radiological characterization of the phosphate deposit in Al-Jalamid phosphate mining area, Saudi Arabia. Nukleonika, 2021, 66, 35-44.	0.8	1
13	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
14	Estimation of Dose Enhancement for Inhomogeneous Distribution of Nanoparticles: A Monte Carlo Study. Applied Sciences (Switzerland), 2021, 11, 4900.	2.5	1
15	Production of actinium-225 from a (n,p) reaction: Feasibility and pre-design studies. Nukleonika, 2021, 66, 61-67.	0.8	1
16	Exposure Determination in Gamma-Ray Radiography for Mammography Applications. Arabian Journal for Science and Engineering, 0, , .	3.0	1
17	Position Sensing in CdZnTe Semiconductor Detectors via Proximity Charge Sensing Pixels. Arabian Journal for Science and Engineering, 2021, 46, 687-696.	3.0	0
18	A virtual laboratory for radiotracer and sealed-source applications in industry. Nukleonika, 2021, 66, 21-27.	0.8	0

#	ARTICLE	IF	CITATIONS
19	Prompt gamma-ray methods for industrial process evaluation: A simulation study. Nukleonika, 2022, 67, 11-18.	0.8	0
20	Utilization of an energy-resolving detection system for mammography applications: A preliminary study. Nukleonika, 2022, 67, 35-40.	0.8	0