

# Elsayed K Elmaghraby

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/539315/elsayed-k-elmaghraby-publications-by-year.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51  
papers

525  
citations

11  
h-index

20  
g-index

56  
ext. papers

605  
ext. citations

1.9  
avg, IF

4.53  
L-index

#	Paper	IF	Citations
51	Thermal/Fast Fission Yield Ratio Signature for Neutron Interrogation of Nuclear Materials. <i>Physics of Particles and Nuclei Letters</i> , <b>2022</b> , 19, 152-161	0.5	0
50	Isotope signature and elemental characteristics of subsurface formations around deep-laying coal seams probed by means of atomic and nuclear-based techniques.. <i>Chemosphere</i> , <b>2022</b> , 134969	8.4	
49	Breeding behavior of radiation-induced effects in organic materials and their possible use as radiation dosimeters. <i>Journal of Physics and Chemistry of Solids</i> , <b>2021</b> , 150, 109814	3.9	6
48	Determination of $^{238}\text{U}(n, \text{p})$ and $^{238}\text{U}(n, \text{f})$ reactions cross-section in the neutron emission spectrum of $^{241}\text{Am}$ -Be source. <i>Physica Scripta</i> , <b>2021</b> , 96, 045304	2.6	4
47	The influence of gamma radiation on organic compounds having carbon ring and its application in dosimetry. <i>Radiochimica Acta</i> , <b>2021</b> , 109, 407-418	1.9	0
46	Neutron-induced mass shift of tin isotopes recognized using inductively coupled plasma mass spectrometry as an isotopic fingerprint on neutron reactions. <i>Applied Radiation and Isotopes</i> , <b>2021</b> , 176, 109872	1.7	1
45	The surface and bulk properties of CuO ribbons and ZnO particles mixture using physical adsorption and gamma ray attenuation techniques. <i>Materialwissenschaft Und Werkstofftechnik</i> , <b>2021</b> , 52, 74-87	0.9	2
44	Radon exhalation and transfer processes in aqueous media. <i>European Physical Journal Plus</i> , <b>2021</b> , 136, 1	3.1	2
43	Detection and interference of fission-neutron reactions on third period elements. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2020</b> , 471, 63-68	1.2	4
42	The physical structure and surface reactivity of graphene oxide. <i>Diamond and Related Materials</i> , <b>2020</b> , 101, 107613	3.5	5
41	Preparation and characterization of jarosite nanorods synthesized by microwave hydrothermal method. <i>Materials Chemistry and Physics</i> , <b>2020</b> , 256, 123654	4.4	5
40	Integral cross section of isomeric state formation in (neutron,nucleon) reactions using an Am-Be source. <i>Applied Radiation and Isotopes</i> , <b>2020</b> , 165, 109340	1.7	6
39	Experimental determination of the fission-neutron fluence-to-dose conversion factor. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2020</b> , 949, 162889	1.2	6
38	Experimental yield and evaluation of proton induced reactions for neutron production and synthesis of beryllium-7 using lithium compounds as target material. <i>Applied Radiation and Isotopes</i> , <b>2020</b> , 155, 108947	1.7	1
37	Experimental investigation and nuclear model calculations for proton induced reactions on indium around thresholds. <i>Nuclear Physics A</i> , <b>2019</b> , 984, 112-132	1.3	9
36	Retention behavior of cesium radioisotope on poly (acrylamido-sulfonic acid) synthesized by chain polymerization. <i>Applied Radiation and Isotopes</i> , <b>2019</b> , 146, 40-47	1.7	10
35	Physical and chemical characteristics of hematite nanoparticles prepared using microwave-assisted synthesis and its application as adsorbent for Cu, Ni, Co, Cd and Pb from aqueous solution. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 235, 121771	4.4	12

34	Removal of radioactive cesium and europium from aqueous solutions using activated Al <sub>2</sub> O <sub>3</sub> prepared by solution combustion. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 234, 55-66	4.4	15
33	Determination of isotopes activity ratio using gamma ray spectroscopy based on neural network model. <i>Applied Radiation and Isotopes</i> , <b>2019</b> , 148, 19-26	1.7	8
32	Approximate processing of the level interference in an R-matrix formalism. <i>Physica Scripta</i> , <b>2019</b> , 94, 065301	2.6	7
31	Reevaluation of the neutron emission probabilities from <sup>241</sup> AmBe neutron source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2019</b> , 942, 162387	1.2	9
30	Correspondence and difference between gamma-ray and neutron irradiation effects on organic materials in marine environment. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , <b>2019</b> , 23, 1-16	1.9	6
29	Investigation of the reactor high neutron flux effects on the physical and chemical characteristics of polymeric material. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2019</b> , 461, 210-218	1.2	0
28	Role of isomeric state formation on the measurement of thermal neutron cross section and resonance integral. <i>Physica Scripta</i> , <b>2019</b> , 94, 015301	2.6	11
27	Redox sorption of Ce(III)/Ce(IV) on potassium bismuthate. <i>Radiochimica Acta</i> , <b>2018</b> , 106, 831-842	1.9	7
26	Development of granular radioactive reference source from <sup>152</sup> , <sup>154</sup> Eu adsorbed on tin tungstate matrix. <i>Radiochimica Acta</i> , <b>2018</b> , 106, 685-694	1.9	10
25	Resonant neutron-induced atomic displacements. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , <b>2017</b> , 398, 42-47	1.2	9
24	Investigation of epi-thermal shape-parameter needed for precision analysis of activation. <i>European Physical Journal Plus</i> , <b>2017</b> , 132, 1	3.1	14
23	Experimental determination of effective density of Al <sub>2</sub> O <sub>3</sub> -SiC-ZrO <sub>2</sub> ceramics porous phase using gamma-ray attenuation. <i>International Journal of Nuclear Energy Science and Technology</i> , <b>2017</b> , 11, 163	0.4	3
22	Internal efficiency calibration for bulk samples using a peak-by-peak cascade technique. <i>International Journal of Nuclear Energy Science and Technology</i> , <b>2016</b> , 10, 234	0.4	9
21	- Radiation Interaction with Matter: An Approach at the Nanometer Scale <b>2016</b> , 422-441		1
20	Structural alterations of polycarbonate/PBT by gamma irradiation for high technology applications. <i>Journal of Adhesion Science and Technology</i> , <b>2016</b> , 30, 443-457	2	7
19	Thermophysical properties and reaction kinetics of $\gamma$ -irradiated poly allyl diglycol carbonates nuclear track detector. <i>Radiation Effects and Defects in Solids</i> , <b>2015</b> , 170, 621-629	0.9	6
18	Optical Characterization of (CdO) <sub>x</sub> (ZnO) <sub>1-x</sub> Composite by Spray Pyrolysis Technique. <i>Acta Physica Polonica A</i> , <b>2014</b> , 125, 82-86	0.6	1
17	Photoluminescence of gamma-radiation induced defect on poly allyl diglycol carbonates. <i>Journal of Luminescence</i> , <b>2012</b> , 132, 119-121	3.8	23

16	Preparation of graphite by thermal annealing of polyacrylamide precursor for adsorption of Cs(I) and Co(II) ions from aqueous solutions. <i>Canadian Journal of Chemistry</i> , <b>2012</b> , 90, 843-850	0.9	15
15	Radioactivity risk associated with the handling of compact fluorescent lamps. <i>Radiation Protection Dosimetry</i> , <b>2012</b> , 151, 391-5	0.9	
14	On the Quantum Statistical Distributions Describing Finite Fermions and Bosons Systems. <i>Journal of Modern Physics</i> , <b>2011</b> , 02, 1242-1246	0.5	3
13	Radiation dose estimation of sand samples collected from different Egyptian beaches. <i>Radiation Protection Dosimetry</i> , <b>2011</b> , 147, 533-40	0.9	11
12	High gamma-ray dose measurement using nuclear track detector. <i>Radiation Protection Dosimetry</i> , <b>2010</b> , 140, 218-22	0.9	6
11	Investigation of the fluorescence emitted from polyallyl diglycol carbonate modified by gamma-ray radiation excited by UV radiation. <i>Radiation Effects and Defects in Solids</i> , <b>2010</b> , 165, 321-328	0.9	12
10	Production of the mercury-197 through proton induced reaction on gold. <i>Applied Radiation and Isotopes</i> , <b>2010</b> , 68, 1694-8	1.7	14
9	PHASE-OTI: A pre-equilibrium model code for nuclear reactions calculations. <i>Computer Physics Communications</i> , <b>2009</b> , 180, 1694-1699	4.2	8
8	Investigation of the proton induced reactions on tin at low energies. <i>Applied Radiation and Isotopes</i> , <b>2009</b> , 67, 147-51	1.7	7
7	Systematics of the (p,n) excitation functions belonged to several isotopes at energies . <i>Annals of Nuclear Energy</i> , <b>2009</b> , 36, 1070-1075	1.7	8
6	Differentiation between earthquake radon anomalies and those arising from nuclear activities. <i>Applied Radiation and Isotopes</i> , <b>2009</b> , 67, 208-11	1.7	6
5	Photoluminescence of irradiation induced defects on CR-39. <i>Philosophical Magazine</i> , <b>2008</b> , 88, 2945-2951	1.6	2
4	Initial exciton configuration in (p,n) pre-equilibrium emission reactions. <i>Physical Review C</i> , <b>2008</b> , 78,	2.7	10
3	Experimental investigation and nuclear model calculations on proton-induced reactions on highly enriched <sup>114</sup> Cd at low energies. <i>Applied Radiation and Isotopes</i> , <b>2006</b> , 64, 1655-60	1.7	15
2	The electrochromic behavior of nickel oxide films sprayed at different preparative conditions. <i>Thin Solid Films</i> , <b>2005</b> , 483, 330-339	2.2	81
1	Characterization of nickel oxide films deposited at different substrate temperatures using spray pyrolysis. <i>Journal of Crystal Growth</i> , <b>2004</b> , 262, 424-434	1.6	108