

Gehan Yousef

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

254
citations

1307594

7
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Production and subsequent separation of ^{47}Sc of nuclear medicine applications using neutron-induced reactions on different natural targets. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 1723-1730.	1.5	6
2	Nuclear reaction data for medical and industrial applications: recent contributions by Egyptian cyclotron group. <i>Radiochimica Acta</i> , 2022, 110, 675-688.	1.2	1
3	Cross section empirical formulation for $(n, 2n)$ nuclear reactions on natural isotopes from $Z= 21$ to $Z= 79$ for neutron energy range, $8\text{--}20\text{ MeV}$. <i>Applied Radiation and Isotopes</i> , 2022, 187, 110341.	1.5	2
4	Trace elements assessment and natural radioactivity levels of infant formulas consumed in Egypt. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 1127-1136.	1.5	4
5	New empirical formulae for (n, p) reaction cross sections on stable isotopes from $Z= 21$ to $Z= 51$ for energies up to 20 MeV . <i>Applied Radiation and Isotopes</i> , 2021, 178, 109976.	1.5	3
6	Deuteron induced nuclear reactions on Mo up to 10 MeV: experimental investigation and nuclear model calculations. <i>European Physical Journal A</i> , 2021, 57, 1.	2.5	1
7	The effect of spin-parity configuration on the neutron capture reaction leading to isomeric state. <i>Radiation Physics and Chemistry</i> , 2020, 176, 109064.	2.8	0
8	New experimental data on excitation functions of ^3He -induced nuclear reactions on Ta up to 27 MeV. <i>Physical Review C</i> , 2020, 102, .	2.9	4
9	Excitation functions for proton-induced reactions on Te and natTi targets: Measurements and model calculations special relevant to the $^{128}\text{Te}(p,n)^{128}\text{I}$ reaction. <i>Nuclear Physics A</i> , 2020, 999, 121790.	1.5	10
10	Experimental investigation and theoretical evaluation of proton induced nuclear reactions on nickel. <i>Applied Radiation and Isotopes</i> , 2020, 159, 109094.	1.5	9
11	Experimental investigation and nuclear model calculations for proton induced reactions on indium around thresholds. <i>Nuclear Physics A</i> , 2019, 984, 112-132.	1.5	15
12	α -particle and deuteron induced reactions on ^{89}Y : Cross section measurements and theoretical investigation. <i>European Physical Journal Plus</i> , 2019, 134, 1.	2.6	2
13	Excitation functions and yield measurements for Proton Induced Reactions in Stainless Steel: Special relevance to Proton Activation Analysis. <i>Applied Radiation and Isotopes</i> , 2019, 151, 166-170.	1.5	3
14	Experimental measurements and theoretical calculations for proton, deuteron and α -particle induced nuclear reactions on calcium: special relevance to the production of $^{43,44}\text{Sc}$. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 119-128.	1.5	22
15	Effect of cement kiln dust and gamma irradiation on the ultrasonic parameters of HMO borate glasses. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2017, 394, 44-49.	1.4	7
16	Determination of concentrations of Fe, Mg, and Zn in some ferrite samples using neutron activation analysis and X-ray fluorescence techniques. <i>Applied Radiation and Isotopes</i> , 2017, 122, 63-67.	1.5	3
17	Neutron capture cross section measurements and theoretical calculation for the $^{186}\text{W}(n,\gamma)^{187}\text{W}$ reaction. <i>Radiochimica Acta</i> , 2017, 105, 347-357.	1.2	6
18	Radiological impact of natural radioactivity in Egyptian phosphate rocks, phosphogypsum and phosphate fertilizers. <i>Applied Radiation and Isotopes</i> , 2017, 123, 121-127.	1.5	57

#	ARTICLE	IF	CITATIONS
19	Experimental study and nuclear model calculations of ^3He -induced nuclear reactions on zinc. European Physical Journal A, 2017, 53, 1.	2.5	3
20	FTIR spectroscopic features of ^{137}Cs -ray influence on new cement kiln dust based glasses. Physica Scripta, 2015, 90, 085702.	2.5	6
21	Effect of gamma irradiation on the FTIR of cement kiln dust-bismuth borate glasses. Journal of Non-Crystalline Solids, 2015, 419, 110-117.	3.1	36
22	Evaluation of radiation hazard potential of TENORM waste from oil and natural gas production. Journal of Environmental Radioactivity, 2014, 136, 121-126.	1.7	53