Nassreldeen Elsheikh

List of Publications by Year
in descending order

9 papers	62 citations	1684188 5 h-index	1588992 8 g-index
9 all docs	9 docs citations	9 times ranked	34 citing authors

#	Article	IF	Citations
1	Gamma-ray and neutron shielding features for some fast neutron moderators of interest in 252Cf-based boron neutron capture therapy. Applied Radiation and Isotopes, 2020, 156, 109012.	1.5	20
2	On the use of a (252Cfâ€“3He) assembly for landmine detection by the neutron back-scattering method. Applied Radiation and Isotopes, 2012, 70, 643-649.	1.5	15
3	Monte Carlo modelling of a neutron-induced gamma-ray sensor for landmine or explosive detection. Journal of Radiation Research and Applied Sciences, 2018, 11, 403-407.	1.2	9
4	Investigations of shield effect and type of soil on landmine detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 652, 1-4.	1.6	6
5	Monte-Carlo simulations of elastically backscattered neutrons from hidden explosives using three different neutron sources. Applied Radiation and Isotopes, 2009, 67, 39-45.	1.5	5
6	Multi-parameter optimization of a (3He-252Cf-3He) neutron backscattering sensor for landmine detection. Journal of Radiation Research and Applied Sciences, 2017, 10, 122-127.	1.2	4
7	Characterization of (252Cf-ZrH2) Monte Carlo model for detection of nitrogen and chlorine by thermal neutron-capture PGNAA. Radiation Physics and Chemistry, 2021, 188, 109591.	2.8	1
8	Comparative optimization of Be/Zr(BH4)4 and Be/Be(BH4)2 as 252Cf source shielding assemblies: Effect on landmine detection by neutron backscattering technique. Nuclear Engineering and Technology, 2022, 54, 2614-2624.	2.3	1
9	Monte Carlo gamma transmission model for characterization of multi-gamma shielding parameters of some heavy metal oxide glasses. Nuclear Technology and Radiation Protection, 2021, 36, 338-345.	0.8	1