

Medhat Moustafa

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

120
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of distributed and automated system for 14MeV neutron generator laboratory. Radiation Physics and Chemistry, 2022, 193, 109936.	2.8	1
2	Optimization of fast neutron flux in an irradiator assembly using Monte Carlo simulations. Vacuum, 2017, 138, 105-110.	3.5	2
3	Investigation on radiation shielding parameters of oxide dispersion strengthened steels used in high temperature nuclear reactor applications. Annals of Nuclear Energy, 2015, 80, 365-370.	1.8	25
4	Comprehensive study of photon attenuation through different construction matters by Monte Carlo Simulation. Radiation Physics and Chemistry, 2015, 107, 65-74.	2.8	13
5	Estimation of background spectrum in a shielded HPGe detector using Monte Carlo simulations. Applied Radiation and Isotopes, 2014, 84, 13-18.	1.5	22
6	Calculation of gamma-ray mass attenuation coefficients of some Egyptian soil samples using Monte Carlo methods. Radiation Effects and Defects in Solids, 2014, 169, 706-714.	1.2	21
7	Assessment of exposure buildup factors of some oxide dispersion strengthened steels applied in modern nuclear engineering and designs. Nuclear Engineering and Design, 2014, 270, 90-100.	1.7	25
8	Elemental analysis of cement used for radiation shielding by instrumental neutron activation analysis. Nuclear Engineering and Design, 2011, 241, 2138-2142.	1.7	11